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I am submitting herewith a dissertation written by Michie Odle Swartwood entitled "An Assessment of the Effects of Methylphenidate on Electrophysiological, Behavioral, and Performance Measures." I have examined the final copy of this dissertation for form and content and recommend that it be accepted in partial fulfillment of the requirements for the degree of Doctor of Philosophy, with a major in Psychology.

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We have read this dissertation
and recommend its acceptance:

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AN ASSESSMENT OF THE EFFECTS OF METHYLPHENIDATE ON ELECTROPHYSIOLOGICAL, BEHAVIORAL, AND PERFORMANCE MEASURES

A Dissertation

Presented for the

Doctor of Philosophy

Degree

The University of Tennessee, Knoxville

Michie Odle Swartwood

August, 1994

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ACKNOWLEDGEMENTS

This dissertation is dedicated to my family: to Dave and Judy Swartwood for their unwavering support throughout the concomittal birth of our first child, Schuyler, and the writing of this document; to Suzanne Lea for her priceless presence in my life; to my parents and sisters, John and Pat Odle, Robin Keyser, and Kristi Odle for their belief in me; and to Jeff and Schuyler Swartwood for their patience, understanding, and love.

I would especially like to thank my mentor, Dr. Joel F. Lubar, for his guidance and support. My comittee members, Dr. Debora Baldwin, Dr. William Calhoun, Dr. Schuyler Huck and Dr. Andrew Zimmerman also provided much appreciated expertise, assistance, and support. I would also like to thank my friend DeAnna Timmermann for her emotional support, undying loyalty, and many, many hours of time. Paul Abbot also provided many very much appreciated hours of his time.

Finally, I would like to thank Dr. Lawrence Greenberg of the T.O.V.A. corporation for providing T.O.V.A. interpretations free of charge. His research support was invaluable to the completion of the project.

ABSTRACT

This study provides an evaluation of both psychophysiological and behavioral effects of methylphenidate in a homogeneous group of 23 ADHD (with hyperactivity) boys between the ages of 9 and 11 years. Previous research has demonstrated that ADHD (without hyperactivity) children show increased theta activity and decreased beta activity when compared to normal controls (Mann, et. al., 1992). This suggests that these brain rhythms might be affected by MPH administration, which is known to affect ADHD symptomatology (DuPaul and Barkley, 1990). The effects of methylphenidate on electrophysiological indices of brain activation including both referential EEG spectral analysis and cortical event related potentials were investigated. Measurements were taken during baseline conditions as well as during cognitive tasks. In addition, both subjective (rating scales) and objective (continuous performance test) measures were administered and analyzed in conjunction with the physiological data. Results indicate that MPH does not appear to have any robust effects on the cortical EEG. Regional changes were induced in the EEG with MPH administration only under certain task-specific conditions. Additionally, the N1 component of the visual evoked response was not significantly affected by MPH administration. Finally, correlations between EEG, behavioral, and performance data revealed no consistent relationships. While behavioral and performance measures showed large improvements with MPH, it appears that MPH had little effect on the cerebral cortex as measured by the cortical EEG.

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CHAPTER I

PHARMACOLOGICAL TREATMENT OF ADHD

Stimulant medications have been used for several decades in the treatment of the syndrome which is now known as Attention Deficit Hyperactivity Disorder (ADHD). The first report of a beneficial effect of stimulant medication in behaviorally disordered children occurred in the late 1930's (Bradley, 1937). The stimulants commonly prescribed for ADHD treatment today include methylphenidate (Ritalin), d-amphetamine-sulfate (Dexedrine), and pemoline (Cylert). Additionally, certain antidepressants with analogous stimulating properties are now used in treating ADHD symptoms such as tranylcypromine (Parnate), a monoamine oxidase inhibitor, and desipramine (Norpramin), a tricyclic antidepressant (Gitlin, 1990). Prescription of methylphenidylacetate hydrochloride (MPH) is, at present, the most frequently used treatment for ADHD in the United States (Barkley, 1977; DuPaul and Rapport, 1993; Murray, 1987; Rosenthal and Allen, 1978). It has been estimated that between 1% and 2% of the school-aged population receives this drug (Safer and Krager, 1984).

Pharmacokinetics of Methylphenidate

MPH is mild central nervous system (CNS) stimulant; its chemical name is *a*-phenyl-2-piperidineacetate hydrochloride. The mode of action of MPH is not completely understood, but it is believed to activate the brain stem arousal system and cerebral cortex (MD Pharmaceutical, 1991). MPH has structural, pharmacological, and behavioral properties similar to amphetamines (Murray, 1987). Like *d*-amphetamine, MPH increases catecholaminergic transmission, acting as an inhibitor of

the reuptake of both dopamine and norepinephrine. Recent research indicates that MPH and d-amphetamine act on different neuronal pools of catecholamines with d-amphetamine acting on newly synthesized dopamine and MPH acting on storage granules (Lurie and O'Quinn, 1991). As dopamine is the precursor of norepinephrine, MPH is believed to affect both dopaminergic and adrenergic systems (Levy, 1991).

Pharmacokinetically, MPH shows rapid and complete absorption from the gastrointestinal tract in adults and children within six hours. Peak blood levels occur in normal adults between one and three hours after ingestion; time to peak rate for children has been found to be slightly longer with an average rate of 4-5 hours (Murray, 1987; Olin, Hebel, Dombek, 1993). Plasma half-life ranges from 1 to 3 hours, but pharmacologic effects may persist for 4 to 6 hours. In adults, 50% of the drug is excreted in urine as ritalininc acid within 8 hours and 90% within 48 hrs; studies indicate that children may metabolize less of the drug, with only 67% of a dose excreted in 48 hours (Olin, et. al, 1993).

Side effects of MPH treatment may include hypersensitivity, anorexia, nausea, dizziness, palpitations, headache, dyskinesia, drowsiness, blood pressure changes, tachycardia, angina, arrhythmia, abdominal pain, and weight loss. Additionally, suppression of growth (weight and height) has been reported with long-term use (CIBA, 1992). The growth suppression induced by doses of MPH over 20 mg has been found to be significant, with an average child on long-term MPH treatment evidencing an annual lag of 0.5 kg in weight and 1 cm in height which represents

83% of the expected annual growth (Safer, Allen, and Barr, 1972). Lurie and O'Quinn (1991) report that stimulants may suppress growth through the period when bone epiphyses fuse, preventing growth to full height; however, if treatment is discontinued before growth is complete, a period of catch-up growth appears to occur. It is recommended that drug holidays be initiated when possible if MPH treatment is necessary throughout the growth phase. Additionally, MPH may lower the seizure threshold; since the safe concomitant use of MPH and anticonvulsants has not been established, the drug is not recommended in the presence of seizures. Rare reports of tic disorders, Tourette's syndrome, and toxic psychosis have been reported as well. Children with mixed symptoms of ADHD and psychotic symptoms should not be treated with MPH as it may exacerbate thought disorder symptoms (CIBA, 1992; Olin, et. al., 1993).

MPH is available in regular and sustained release (SR) forms. Tablets are available in 5, 10, and 20 mg. doses. SR tablets are available in 20 mg. doses (CIBA, 1992). SR tablets have a duration of action of approximately 8 hours and must be swallowed whole. SR tablets are more slowly but as extensively absorbed as regular tablets; the bioavailability of SR tablets compared to regular tablets is 105% in children and 101% in adults (Olin, et. al, 1993). Dosage is prescribed on an individualized response basis. For children, MPH treatment is initiated with a small dosage and gradual weekly increases. Children are usually started at 5 mg. twice daily before breakfast or lunch, with gradual increases of 5 to 10 mg. weekly. Ritalin SR tablets are used in place of Ritalin tablets when the 8 hour dosage of Ritalin-SR

corresponds to a previously titrated 8-hour dosage of regular tablets. Dosages above 60 mg. daily are not recommended, and MPH treatment is not recommended for children under six years (CIBA, 1992).

CHAPTER II

TREATMENT ISSUES

Efficacy of MPH treatment

The efficacy of MPH treatment for ADHD symptoms is supported by 40 years worth of field use and research. Large numbers of empirical investigations have documented that MPH positively affects the attention span, impulse control, and motor activity level of children with ADHD (DuPaul and Barkley, 1990). Most children show a linear improvement in performance with increasing MPH dosage; however, some children do not show improvement at all (Dupaul, Barkley, and McMurray, 1991). In fact, studies show that MPH may actually detract from cognitive processing abilities in some children by leading to "overfocusing" or cognitive perseveration (Solanto and Wender, 1989; Tannock and Schacher, 1992).

Estimates of ADHD children who are favorable responders to MPH treatment range from 33% to 100% (Swanson, Cantwell, Lerner, McBurnett, and Hanna, 1991). Research indicates that estimated proportions of favorable and nonfavorable responders may depend largely on the type of response measure used by the researchers. It appears that reliance on cognitive measures such as the paired associate learning test (PAL) reduces estimated percentages of favorable responders, while use of continuous performance test (CPT) measures and behavior rating scales may increase estimations of favorable responders. Thus separate classes of behavior may be differentially effected by MPH dosage; the dosage which yields optimal cognitive improvements may not be the optimal dosage for impulse control or behavioral

improvement. Some children may be favorable cognitive responders at low doses, and show evidence of cognitive impairment at higher doses, although behavioral improvements remain evident (DuPaul and Rapport, 1993).

A serious question raised by the complex interaction between dosage level and individual responses on separate classes of behaviors is that of appropriate treatment. It has been suggested that in clinical practice, a bias toward solving the problems that lead to referral (primarily behavioral) may lead to inappropriate MPH treatment of ADHD children who are cognitive nonresponders (Swanson, et. al., 1991). Since MPH is prescribed on a dosage-response basis for each individual, it appears that interpretations of positive effects of MPH should be based on a variety of measures including behavioral, performance, and cognitive challenges. It is clear that for some ADHD children, MPH exerts a positive effect on behavior, academic productivity, and cognitive functioning; however, some children improve only behaviorally, some not at all, and some may actually show cognitive impairment.

The question of the efficacy of MPH treatment for ADHD is complex. Studies indicate that MPH may have positive effects on a majority of ADHD children; however, the same studies give support for alternative treatments in a large percentage of children. Additionally, even if treatment with MPH is appropriate, educational and psychosocial intervention is generally necessary as well (CIBA, 1992; Swanson, et. al., 1991). Research appears to point toward the notion that MPH alone is successful at treating only some of the symptoms of ADHD; primarily motor, social, and possibly perceptual.

While MPH is an excellent tool in the treatment of ADHD symptoms, it is not a panacea. It appears that a successful treatment protocol for ADHD children to maximally facilitate learning would involve low or moderate doses of MPH which effect behavioral improvement, while focusing on educational remediation of problem solving deficits through other intervention strategies.

Behavioral effects of MPH

The fact that MPH exerts a behavioral effect is clear. Research consistently indicates improvement on behavior ratings by parents and teachers following treatment of ADHD children with methylphenidate (Klorman, Brumaghim, Salzman, Strauss, Borgstedt, McBride, and Loeb 1988; Rapport, DuPaul, Stoner, Birmingham and Masse, 1985). Recent research suggests that the reliability of these rating scales is quite high (Edelbrock, 1986; Zelko, 1991). However, a major problem with these measures is that favorable reports from teachers and parents may be more likely to be made based on social behavior, which may not correspond to children's improvements in learning and impulsivity (Rapport, et. al., 1985). Other behavioral measures suffer from the same type problem. Consistent improvement on continuous performance (CPT) or vigilance tests has been clearly demonstrated following methylphenidate treatment (Greenberg, 1987; Klorman et. al., 1988); however, performance based measures are subject to questions regarding whether improvements are based in increased compliance or changes in cognitive processing. Based on behavioral studies, the extent to which methylphenidate may directly influence learning and cognitive processing is unclear.

Cognitive Effects of MPH

Estimates on the number of children who show cognitive improvements with MPH are varied. Swanson and Kinsbourne (1979) estimated that a majority (60%) of ADHD children treated with MPH do show cognitive as well as behavioral improvements; the 40% who do not show improvement may be unaffected or show impaired cognitive functioning. It has been suggested that this variation in drug response within the subject population may obscure long term benefits in the subgroup of favorable responders (Swanson, Cantwell, Lerner, McBurnett, and Hanna, 1991). However, large group statistical analyses which indicate significant improvement in ADHD classroom performance with MPH treatment may obscure the significant minority who show a nonfavorable cognitive response to the medication as well. A 1978 review by Barkley and Cunningham on the effects of MPH on ADHD symptoms found little evidence of improved academic productivity; while classroom behavior was undeniably improved, the literature up to that point in time provided little evidence of improved academic productivity in reading, spelling, or math. In their review, Barkley and Cunningham concluded that MPH treatment resulted in improvement in classroom manageability rather than academic achievement. However, recent research demonstrating positive effects on cognitive functioning and academic achievement has been prevalent. While most of these reports support short-term, state dependent drug-induced gains in academic productivity (Douglas, Barr, O'Neill, and Brinton, 1988; Rapport, Stoner, DuPaul, Birmingham, and Tucker, 1985), it remains unclear whether MPH actually improves cognitive processing (Gadow, 1983).

Early studies of the effects of MPH on memory and information processing clearly demonstrated stimulant drug effects on short-term memory (Gadow, 1983; Sprague and Sleator, 1977; Swanson and Cantwell, 1989). While studies of this type point toward more than a behavioral effect of MPH, it is unclear as to exactly what cognitive processes are being assessed. Despite improvements on laboratory tests of attention, memory, and learning with MPH administration, research on the effects of MPH on ADHD symptoms finds little evidence of improved academic productivity (Barkley and Cunningham, 1978; Gadow, 1983). Reid and Borkowski (1984), suggest that MPH influences perceptual components of the brain, improving performance only on measures which emphasize perceptual efficiency. They argue that MPH, while affecting information processing skills, has little impact on problem solving strategies and organization of information, activities which are primarily cortically mediated.

A 1986 report on normal adults given MPH and challenged with a problem solving task supports this viewpoint. Subjects were required to determine a strategy for attaining points on an arcade type two-target game. Although the MPH and control groups made equal percent improvements on their scores, the MPH group came up with fewer effective problem solving strategies than controls (Ashman and Schroeder, 1986), suggesting that MPH may have unexpected effects on complex thought processes. It may be that MPH's influence is limited to a realm which does not include problem solving or complex cognition; while the drug is effective on several aspects of ADHD behavior, it may have no direct effect on cognitive

processing skills which are important for classroom performance.

The idea that MPH improves the ability to learn or to retain learned materials directly depends on one's definition of learning; while perceptual elements of learning may be improved, complex problem solving abilities appear not to be affected. Most studies to date use an "intellectual abilities" approach to study the effects of MPH on learning, with emphasis placed upon the measurement of a product of cognition rather than the thought processes involved in the product (Ashman and Schroeder, 1986). The fact that MPH appears to effect improvement on traditional laboratory tests of memory and learning, but not on actual classroom academic performance, suggests that these traditional measures of learning may not tap into the thought processes involved in more complex classroom activities. MPH has little effect on complex problem solving strategies in either ADHD children or normal adults (Reid and Borkowski, 1984; Ashman and Schroeder, 1986).

The question of whether MPH affects memory and learning is an important one in determining successful treatment for ADHD; however, the answer does not appear to be easily obtained by standard laboratory methodologies. It appears that laboratory tasks used in the assessment of the effects of MPH on attention, learning, and memory may be less than adequate for examining the drug's effects on complex cognition and metacognition.

CHAPTER III

ELECTROPHYSIOLOGICAL INDICES AS MEASURES OF MPH EFFECTS

One way to provide information about the brain response to psychotropic therapy is to study the modifications of measurable indices of brain activity induced by drug administration (Caresia, Pugnetti, Besana, Barteselli, Cazzullo, Musetti, Scarone, 1984). Electroencephalogram spectral analysis has been shown to be a useful measure for studying drug effects on cerebral activity (Agnoli, Martucci, and Manna, 1985; Caresia, et. al, 1984). Additionally, Event Related Potentials have been shown to be sensitive to pharmacological interventions and provide a useful means of assessment of treatment effects on brain activity (Halliday, Rosenthal, Naylor, and Callaway, 1976; Hink, Fenton, Pfefferbaum, Tinklenberg, and Kopell, 1978; Klorman, et. al., 1988). A brief review of both of these electrophysiological measures will be presented, along with previous research evaluating the effects of MPH using these measures.

Event Related Potentials

Event Related Potentials (ERPs) are cortical electrical response patterns associated with a specific cognitive task or perceptual event (Stimulus). These brain electrical responses are usually hidden in spontaneous brain activity; however, based on the assumption that these responses have a known time relationship to the stimulus whereas the background noise activity is unrelated to the stimulus, the signal to noise ratio can be improved. Two methods are commonly used for improving the event related potential (ERP) at the expense of the background activity: superimposition and signal averaging. Superimposition involves the use of photography or pen tracings to

repeatedly trace brain electrical responses to a repeatedly occurring stimulus on the same negative or print. Averaging involves numerically summing the brain electrical responses for the duration of interest and dividing by the number of presentations of the stimulus. Using these techniques, repeated presentation of a stimulus or an event permits the improvement of the ERP at the expense of the background activity (Binnie, Rowan, and Gutter, 1982; Cooper, Osselton, and Shaw, 1980).

Common terminology for identifying the individual components of an ERP waveform is based in either spatial or temporal dimensions. Spatial reference designates the first negative deflection of the ERP as N1, the second negative deflection as N2. Similarly, the first positive inflection is designated P1, the second P2, etc. Temporal reference designates a specific negative (N) or positive (P) wave using the time in milliseconds elapsed after stimulus onset. For example, a negative wave occurring 100 msec after stimulus presentation would be labeled N100 (Cooper, et. al, 1980). ERPs which are stimulus dependent occur within the first 50 msec of the waveform, while ERPs associated with perceptual, cognitive, and motor processes of the brain occur after the first 50 msec of the wave form (Krumholz, 1987). The short latency responses are more dependent upon the physical characteristics of the stimuli and are believed to be generated from subcortical fiber tracts representing the specific sensory pathway stimulated (Krumholz, 1987); these components have been termed "exogenous" since they are due to external stimuli . Those with longer latencies are influenced by the conditions of presentation and are believed to be generated from potential changes from apical dendrites of the cortex (Krumholz,

1987); these components have been termed "endogenous" and are believed to be related to cognitive processes (Freidman, 1991).

Physiological changes produced by auditory, visual, or somatosensory stimulation can be assessed using cortical ERPs. Additionally, neurophysiological changes due to psychological states or processes can be assessed (Johnson, Rolf, and Rebeta, 1991). Research on clinical populations indicates that ERP data can be used to differentiate between groups of LD children and normal controls (Lubar, Mann, Gross, and Shively, 1992; Lubar, Gross, Shively, and Mann, 1990; and Lubar, Bianchini, Calhoun, Lambert, Brody, and Shabsin, 1985). Similar findings have been reported for ADHD samples (Satterfield, Schell, Nicholas, and Backs, 1988). ADHD children have been shown to display smaller amplitudes of components of ERPs such as the P3 wave (Klorman, et. al., 1988). Additionally, the amplitude of the P3 wave has been shown to be enlarged by stimulants in both clinical populations (Klorman, et. al., 1988; Coons, Klorman and Borgstedt, 1987; Loiselle, Stamm, Maitinsky, and Whipple, 1980) and normal adults and children (Rapoport, Buchsbaum, Weingartner, Zahn, Ludlow, and Mikkelsen, 1980).

A less commonly studied endogenous ERP is the N100/N1 component (also called the vertex potential or the non-specific response). It is usually measured from baseline to peak or between N1 and P2 peaks. The N1 appears whenever a subject is required to attend to a stimulus in order to perform a sensory discrimination. Two components of the N1 wave appear to be primarily generated by primary auditory or auditory association cortex (Graham and Hackley, 1991), while another appears to be

nonspecific and can be easily evoked through visual, auditory, or tactile stimulation. The amplitude of this component is dependent on a variety of factors including the intensity of the stimulus, the expectedness of the stimulus, and the attention paid to it (Cooper, Osselton, Shaw, 1980).

The N1 component has been used in studies of distribution of attention since all stimuli of an attended channel elicit larger N1 waves on the average relative to ignored channels (Hink, et. al., 1978). If a normal subject is instructed to pay attention to a target stimulus presented among other stimuli, the amplitude of the N100 increases; this is suggestive of a limited capacity stimulus selection system. Broadbent (1970) proposed that the N100 component reflects a "stimulus set" mode of attention. More recent research suggests that the N1 reflects a "widespread transient arousal" which may "facilitate sensory and motor responses to the eliciting stimulus" (Naatanen and Picton, 1987).

The non-specific factor of the N1 component appears to be functionally related to the startle response in that it appears to be an activation of an interrupt system that halts motor activity. This system habituates rapidly and shifts from the high-intensity startle system to a transient detection system following startle habituation (Graham and Hackley, 1991). While the auditory components of the N1 may reflect an attention-triggering process which facilitates conscious perception of auditory stimuli, the non-specific component of N1 may reflect an arousal process. While methylphenidate is commonly used in the treatment of attentional disorders, early studies indicate that it does not appear to affect the distribution of attention as reflected in the N1 wave in

normal adults (Hink, et. al., 1978). It is unknown whether it is affected in ADHD children treated with methylphenidate.

Electroencephalography and Power Spectral Analysis

Electroencephalography is the study of amplified electrical activity generated by the nerve cells of the brain. This amplified electrical activity is recorded through the skull in written form and is seen as rising and falling electrical potentials called brain waves (Tyner, Knott, and Mayer, 1983). Brain waves are recorded from scalp electrodes and represent the collective primarily dendritic activity of many nerve cells in a small area under each electrode. The synchrony of the cortical neurons results in rhythms which may be influenced by changes in other parts of the brain. Brain waves recorded on an EEG vary over time; these variations are recorded as up and down movements of a pen. Variability of the brain waves in time is labeled frequency, while variability in voltage is expressed as amplitude. Frequency is determined by counting the number of cycles per second or hertz (Hz). In other words, if within a one second period the pen moves up and down 8 and one-half times, then the electrical activity generated by the brain has a frequency of 8.5 Hz. These brain waves also change as a function of amplitude; the larger the amplitude, the higher the voltage. Voltages in the EEG are very small, they are therefore measured in millionths of a volt or microvolts (mV).

The EEG signal oscillates in frequency ranges between 1 and 50 Hz. Four general frequency bands are commonly discussed. Delta (1-4 Hz), Theta (4-8 Hz), Alpha (8-12 Hz), and Beta (> 13 Hz). Changes in EEG activity occur regularly

during changes in levels of consciousness, and behavioral correlates for each frequency have been reported (Tyner, et, al., 1983). Delta activity is often associated with the deeper stages of sleep, and may be artifactually mimicked by large motor movements such as eye blinks (Neidermeyer, 1989). Theta activity is present in the background EEG activity only in trace amounts in normal adults, becoming more predominant only with drowsiness and early sleep stages. In children ages 8 to 14 years, posterior, frontocentral, and central theta activity is quite common and considered normal. Alpha activity is rhythmic activity associated with physical relaxation and mental activity; it is usually increased with closing of the eyes, and attenuated with mental effort or attention (Tyner, et. al., 1983). Beta activity is common in the waking EEG of adults and children. Beta activity generally increases with sensory stimulation and is associated with alpha attenuation. It is associated with mental processing and cortical engagement (Lindsley, Bowdem, and Magoun, 1949; Neidermeyer, 1989).

Traditional Electroencephalography (EEG), involving clinical interpretation of the EEG traces based on visual records, has been used since the mid 1900's in the diagnosis of epilepsy, tumors, cerebrovascular disorders, and other neurologically manifested disorders (Neidermeyer, 1989.) While the detection of traces of electrical brain activity on the human scalp made diagnosis of major cerebral abnormalities possible, the conjecture that types of mental performance are reflected in electrical brain activity has only recently reached true explorability. In the last decade, computerized EEG analysis has allowed study of background activity as well as of

obvious discontinuities in the EEG. A computer is used to convert the continually varying (analog) EEG received from amplifiers to a series of numbers (digital) on which numerical calculations can be performed. Each digital value represents the voltage of the analog signal at millisecond intervals. Power Spectral Analysis (PSA) is a computerized technique involving sampling, filtering, classification, and frequency analysis of EEG signals (Kooi, Tucker, and Marshal, 1978). This technique allows statistical analysis and topographic representation of EEG data beyond traditional interpretations of the analog EEG and has been shown to be useful in defining EEG patterns in the diagnosis of mental disorders, learning disabilities, and ADHD (Duffy, 1986; Mann, Lubar, Zimmerman, Miller, and Muenchen, 1992). Additionally, EEG spectral analysis has been shown to have applications in clinical neuropharmacology (Agnoli, et. al., 1985; Matejcek, 1978). EEG spectral analysis has been used to ascertain the permeability of the blood brain barrier to specific drugs, as well as to evaluate and quantify the variations in cerebral electrogenesis induced by drug effects (Agnoli, et. al., 1985). Quantitative pharmacoelectroencephalography is now widely used as a noninvasive and relatively simple method for studying drug action (Itil, 1974).

CHAPTER IV

PURPOSE OF PROPOSED RESEARCH

After over 40 years of field use and research, methylphenidate's mechanism of action is not yet clearly understood; as cited in the Physicians Desk Reference, "There is neither specific evidence which clearly establishes the mechanism whereby Ritalin produces its mental and behavioral effects in children, nor conclusive evidence regarding how these effects relate to the condition of the central nervous system" (CIBA, 1984). Despite this lack of understanding, methylphenidate remains the most frequently used treatment for Attention Deficit Hyperactivity Disorder in the United States (Barkley, 1977; Murray, 1987; Rosenthal and Allen, 1978).

As mentioned previously, modifications in brain activity induced by drug administration can be assessed using the cortical EEG (Caresia, et. al., 1984). If, in fact, methylphenidate exerts an effect on cortical processing in ADHD children, then improved performance with methylphenidate administration may not be solely based in increased compliance. Neurophysiological research on the cortical effects of methylphenidate is inconclusive. For example: Early cerebral blood flow studies indicate increased blood flow to central, striatal regions (subcortical regions involved in motor regulatory mechanisms which have connections to the frontal lobes), and decreased flow to primary sensory regions after methylphenidate administration (Hans, Henriksen, Bruhn, Borner, Nielsen, 1989). However, recent Positron Emission Technology (PET) research suggests that chronic stimulant treatment does not produce any robust metabolic effects. In fact, metabolism in only two of 60 brain regions

sampled was changed with MPH administration, although behavior was significantly affected according to rating scale data (Matochik, Liebenauer, King, Szymanski, Cohen, Zametkin, 1994). Cortical event related potential (ERP) studies on the effects of the drug offer conflicting reports of changes in ERP's which are sensitive to cognitive processing such as the P3 component (Klorman, et. al., 1988; Naylor, Halliday, and Callaway, 1985), and the N1 component (Hink, et. al., 1978). Early EEG studies do not indicate a specific pattern of EEG modifications following treatment with a variety of stimulants in healthy volunteers; however, trends of increased beta power (Fink, 1968), reduction in amplitude (Goldstein, Murphee, and Pfeiffen, 1963), and reduction in alpha power (Fink, 1974; Pollock, Teasdale, and Stern, 1981) have been reported. These findings, if accurate, would suggest a normalizing influence of MPH on the EEG since three commonly reported electroencephalographic abnormalities which appear in the comparison of ADHD and LD children to normal age matched peers are 1) failure of alpha to attenuate during mental tasks in clinical subjects (Fuller, 1977; Grunewald-Zuberbier, Grunewald, Rasche, and Netz, 1978; Satterfield, 1973), 2) decreased beta activity in clinical subjects (Callaway, Halliday, and Naylor, 1983; Dykman, Holcomb, Ogelsby, and Ackerman, 1982), and 3) increased delta and theta activity in clinical subjects (Pavy and Metcalf, 1965; Mann, et. al, 1992; Winkler, Dixon, and Parker, 1970).

One limitation of previous neurophysiological studies on the effects of methylphenidate on ADHD children has been that the studies were conducted using a single neurophysiological index. In addition, much previous research on ADHD

suffers from methodological problems regarding the homogeneity of ADHD subject populations. ADHD children often present a high incidence of comorbidity of learning disabilities (Forness, Swanson, Cantwell, Youpa, and Hanna, 1992; Handen, Breaux, Janosky, McAuliffe, Feldman, and Gosling, 1992). Additionally, they may or may not have hyperactive symptoms; many researchers have postulated that hyperactive ADHD individuals comprise a distinct subgroup of the ADHD population (Barkley, DuPaul, and McMurray, 1990; Berry, Shaywitz, and Shaywitz, 1985; Edelbrock, Costello, and Kessler, 1984; King and Young, 1982). This further complicates the interpretation of data based on MPH response in groups of ADHD children.

The purpose of this study is to conduct a more comprehensive evaluation of both psychophysiological and behavioral effects of methylphenidate in a carefully matched, homogeneous group of ADHD children. The effects of methylphenidate on electrophysiological indices of brain activation including both monopolar EEG spectral analysis as well as cortical event related potentials will be investigated. Measurements will be taken during baseline conditions as well as during cognitive tasks. In addition, both subjective (rating scales) and objective (CPT) measures will be administered and analyzed in conjunction with the physiological data.

It is hypothesized that ADHD subjects under the influence of MPH will perform more accurately on a version of the continuous performance test, the Test of Variables of Attention (T.O.V.A), than when they are not on medication, and that parent ratings of subjects behavior on and off medication will be more favorable for the on

medication condition. While the N1 component of the event related potential in normal adults has been shown to be unaffected by methylphenidate, it is unknown whether differences in the N1 event-related potential will be revealed with methylphenidate administration in ADHD children. Differences in topographic EEG distributions will be delineated between the drug/no drug conditions if present. If, in fact, MPH exerts a normalizing effect on the EEG, decreases in delta/theta, increases in beta, and increased alpha attenuation would be expected. Additionally, the relationship between the quantitative EEG data and the T.O.V.A. and rating scale data will be assessed.

Methods

Subjects. Twenty-three subjects were used in this study. In order to control for gender related differences between subjects, all subjects used in the study were male. Additionally, the age range of the subjects was limited to 9 to 11 years. All subjects were physician diagnosed as having ADHD and were being treated with methylphenidate. Dosage levels for each child varied between 5 and 20 mg., however, each subject was believed to be at optimal dosage levels based on parent and physician judgements. All subjects were rated by parents on the Attention Deficit Disorders Evaluation Scale (ADDES) (McCarney, 1989) as at least one standard deviation below the mean on at least one of three subscales. Additionally, no subject in the study had been diagnosed as having co-morbidity of learning disability or psychiatric disorder.

Subjects participated in the study on a voluntary basis. Parents were informed of

the study through the Knoxville Neurology group, the local C.H.A.D.D. group (an ADHD support group), or the Knox County school system. No monetary payment was used for recruitment of subjects, but subjects received results from their testing sessions.

Materials. Behavior ratings were made using the McCarney Attention Deficit Disorder Evaluation Scale Home Version (McCarney, 1989). Performance measures were taken using the T.O.V.A. computer program continuous performance test version 5.01 and the Wide Range Achievement Test- Revised (Jastak & Jastak, 1984). EEG data was recorded referentially using Lexicor NRS-24 and Biolex equipment and software. Electrode placements were made using an electrode cap (Electro Cap Co.) and Electrogel conductive material (Weaver and Co.). Event Related Potential data was also recorded using Lexicor NRS-24 equipment and the evoked potential software designed by the Lexicor company for this instrument.

Procedure. Subjects were tested on two separate days, once with methylphenidate adiministration and once without. The off-medication condition required that the subjects be methylphenidate free for 48 hours prior to testing, with physician approval. The on-medication condition required that the subjects take their regularly prescribed dosage of methylphenidate 90 minutes prior to initiation of testing. Subjects were counterbalanced for medication status, with half the subjects being tested while under the influence of MPH for their first testing session and half the subjects being medication free for their first testing session. Subjects were tested between 1:00pm-4:00pm or between 4:00pm-7:00pm. Subjects were tested in the

same time slot for both on-medication and off-medication conditions.

Behavioral data were collected using the McCarney Attention Deficit Disorders Evaluation Scale which the parent was given to complete during the subject's testing session. The parent was instructed to rate the subjects behavior during both the on medication and the off medication sessions. The same parent was required to complete the rating scale on both occasions. Scoring of the rating scales yeilded standard scores which were used in data analysis.

Performance data was collected using the WRAT-R and the T.O.V.A. The WRAT-R was administered first in order to determine apppropriate reading materials to be used during the EEG collection portion of the testing. The WRAT-R is a normed measure of reading, spelling, and arithmetic. The T.O.V.A. is a continuous performance test which involves rapid presentation of visual stimuli. The presentations follow an "odd-ball" paradigm, that is, a common stimulus is presented regularly, with infrequent presentations of an "odd" or target stimulus. Stimuli are presented every 2 seconds for 100 milliseconds. The duration of the test is 22.5 minutes. Subjects were instructed to press a button held in their preferred hand when the target stimulus was presented; they were instructed to refrain from pressing the button when the common stimulus was presented. Subjects were scored on the following: 1. the number of target stimuli which were presented to which they did not press the button (errors of omission), 2. the number of common stimuli to which they did press the button (errors of comission), 3. the latency between stimuli presentation and response (response time), and 4. the consistency of response (variability). These

variables have been shown to be significantly different between pre-treatment and on-medication conditions when evaluating the effects of methylphenidate on performance (Greenberg, 1987). Standard scores were computed for each of these four variables and were used in data analysis.

EEG data were collected using Lexicor equipment and software under these conditions: eyes open baseline, reading, drawing, the Raven's Progressive Matrices (Raven, 1960), listening to a story, and the coding subtest of the Wechsler Intelligence Scale for Children-Revised (Wechsler, 1974). Electrode placements were accomplished using an electrode cap containing 19 electrodes following the International 10/20 system. An additional electrode was placed at a central occipital location (Oz) using a discreet electrode and Lexicor alternate electrode equipment. During the eyes open baseline condition, subjects were instructed to fixate on a red dot located at a distance of 60 inches. During the reading condition, subjects silently read grade appropriate materials; the same materials were read aloud to the subject in the listening condition. Subjects were asked questions regarding the story in order to assure compliance. During the drawing condition, subjects reproduced simple drawings from the Bender-Gestalt test.

EEG data were subjected to artifact rejection; segments which involved eyeblinks or other excessive ocular or muscle activity were deleted. Bandpasses were defined as delta 1 = .75 - 1.75 Hz, delta 2 = 2.0 - 3.75 Hz, theta = 4.0 - 7.75 Hz, alpha = 8.0 - 12.75 Hz, beta 1 = 13.0 - 21.75 Hz, and beta 2 = 22.0 - 31.0 Hz. Percent power (in picowatts) of activity for each channel during each condition was used in

data analyses. All data was stored on magnetic data tapes (Colorado Memory Systems).

Visual event-related potential (ERP) data was recorded using a black and white patterned checkerboard stimulus which alternated every 1/2 second. The sampling rate used in collection of the ERP data was 512 samples per second. Subjects were instructed to fixate on a red dot in the center of the checkerboard pattern. Data were averaged separately for each checkerboard pattern and electrode placement for all artifact free trials. Visual inspection of the averaged waveforms for each subject indicated that the N1 appeared to peak between 50 and 100 ms post-stimulus. The N1 wave was identified as the most negative point which occurred within the first 50 to 100 ms post-stimulus. In no subject did the N1 component occur pre-50 ms or post-100 ms. If two peaks were present, the point nearest to 100 ms was selected. The visual event-related potential was maximal at Oz, O1, and O2; therefore, data from these locations was used in analyses.

Results

Behavioral and Performance Measures. Results from the Attention Deficit Disorder Evaluation Scale, presented in Figure 1[1], indicate significantly higher scores for subjects in the methylphenidate condition on all three subscales: inattention [$t(22)=6.93$, $p<.0005$], impulsivity [$t(22)=6.57$, $p<.0005$], and hyperactivity [$t(22)=6.92$, $p<.0005$]. The TOVA performance test indicated a significant difference between on and off medication scores only for the variability measure

[1]Figures and tables are located in Appendix A.

[$t(22)=2.24$, $p<.035$]. As can be seen in Figure 2, the MPH group showed higher standard scores than the No-MPH group (recall that a larger standard score indicates improved performance).

EEG Measures

EEG data were analyzed by Fast Fourier transformations. These transformations resulted in data in six frequencies (delta 1, delta 2, theta, alpha, beta 1, beta 2) across all 19 recording locations, equaling 114 variables of interest for each condition (i.e., baseline, reading, drawing, ravens, story, and coding). These 114 variables when multiplied by the six conditions brought the total number of variables to 684. All of these variables were log transformed [log (x/1-x)] to adjust the skewed distribution of the data (Gasser, Verleger, Sroka, 1988; Mann, et. al., 1992). Histograms of the resulting data showed a normal distribution.

To analyze this data, a simple paired t-test could be used to assess mean differences between the two levels of the independent variable (methylphenidate vs. no methylphenidate). However, this approach would require 684 paired t-tests to be conducted. The problem associated with such a large number of t-tests is the inflation of the experimentwise alpha level, or Type I error rate. The Bonferoni adjusted probability level for this number of t-tests would be .05/684, or $p<.00007$. To avoid having to make this drastic adjustment in probability level, several statistical steps were taken to reduce the data to those variables, or combination of variables (frequency, location, or condition), accounting for the most variability. Considering these results, t-tests were run on a much more limited data set, thereby, decreasing the

experimentwise alpha level.

Principle component analysis (PCA) is a statistical procedure whereby numerous variables are assessed as one linear combination in terms of variability accounted for by the combination. This linear combination is called a factor. Many factors may be generated for a given data set; in fact, one may have as many factors as variables in the data set. The goal, however, is to reduce the data set to those linear combinations that account for the majority of the variance. For the purpose of this analysis, factors were used if they accounted for a standardized variance value, or eigenvalue, of one or more. This criterion was chosen because eigenvalues less than one indicate that the factor accounts for no more variance than a single variable.

Data from the 19 recording sites for the off medication baseline condition were reduced by a principle component analysis to a set of factors that accounted for the majority of the variance. This process was repeated for each of the six frequencies. Therefore, the 19 recording sites were reduced to three factors for all frequencies except for alpha, which only had two factors. These factors accounted for approximately 80% of the variance observed in the data. The results of these factors from the baseline off-medication data were then applied to the data from the other five conditions of this group and applied to all six conditions of the on-medication group. This was accomplished by taking factor score coefficients from the off-medication baseline factors and weighting each of the other variables in the study according to these factors. This resulted in the on and off medication groups having a set of unique factors for each of the six conditions. This weighting of the data according to

the factors obtained from the off-medication baseline condition was done to uniformly reduce the data from the 19 recording sites for the purposes of group, condition, and frequency comparison. Generating separate factors for each condition would make comparisons unequivocal because comparisons would be made on data representative of different linear combinations, or theoretical constructs.

Once the original data set was reduced by a principle component analysis, repeated measures ANOVA was used to assess group (drug, no-drug), condition (baseline, reading, drawing, ravens, story, and coding), and frequency (delta 1, delta 2, theta, alpha, beta 1, beta 2) differences. A multivariate, repeated measures approach to this three way ANOVA was used to avoid assumptions regarding the variance-covariance matrix associated with a univariate repeated measures ANOVA computations. Mauchly's test of sphericity was performed to test whether the covariance matrix was constant along the diagonal and zero off the diagonal, assumptions which must be met for univariate repeated measures to be used. Results from this test indicated that the data did not meet these assumptions, therefore, only results using the multivariate approach to repeated measures ANOVA will be reported.

As described above, a three-way ANOVA on the each of the factors derived from the location data was computed to compare differences between all aspects of the study within one model. Results from this model were not obtained because there were not enough subject to compute the entire model. Therefore, twelve separate two-way repeated measures ANOVAs were run for each of three factors. The first six ANOVAs assessed differences between group (MPH, NO-MPH) and condition

(baseline, reading, drawing, ravens, story, and coding) for each of the six frequencies within a given factor. Specifically, the Pillai's test was used to obtain the F statistic. Results from factor one indicated a significant main effect for condition for each frequency: delta 1 ($F(5,18)=7.70$, $p<.001$), delta 2 ($F(5,18)=7.35$, $p<.001$), theta ($F(5,18)=24.37$, $p<.0005$), alpha ($F(5,18)=21.81$, $p<.0005$), beta 1 ($F(5,18)=17.01$, $p<.0005$), and beta 2 ($F(5,18)=9.24$, $p<.0005$). Results also indicate a significant group by condition interaction for the beta 2 frequency ($F(5,18)=9.36$, $p<.0005$). ANOVAs from the factor 2 data indicate a significant main effect of condition for all frequencies except delta 1: delta 2 ($F(5,18)=5.74$, $p<.002$), theta ($F(5,18)=11.36$, $p<.0005$), alpha ($F(5,18)=9.60$, $p<.0005$), beta 1 ($F(5,18)=8.46$, $p<.0005$), and beta 2 ($F(5,18)=14.86$, $p<.0005$). An interaction between group and condition was also observed for the beta 2 frequency ($F(5,18)=4.24$, $p<.01$). The results from factor three (recall that no third factor was used for the alpha frequency) indicated a significant main effect of condition for all frequencies except for delta 2: delta 1 ($F(5,18)=3.64$, $p<.019$), theta ($F(5,18)=6.83$, $p<.001$), beta 1 ($F(5,18)=16.72$, $p<.0005$), and beta 2 ($F(5,18)=22.54$, $p<.0005$). Significant interactions between group and condition were noted for the theta ($F(5,18)=3.55$, $p<.02$) and beta 1 ($F(5,18)=3.86$, $p<.015$) frequencies.

A second set of two-way ANOVAs was performed on the data for each of the 6 conditions to assess differences between group (MPH, No-MPH) and frequency. Pillai's test indicated that for Factor 1 data, there was a significant main effect for frequency for each of the 6 conditions: baseline ($F(5,18)=124.71$, $p<.000$), reading

($F(5,18)=213.15$, $p<.000$), drawing ($F(5,18)=167.30$, $p<.000$), ravens ($F(5,18)=106.28$, $p<.000$), story ($F(5,18)=149.34$, $p\leq.001$), and coding ($F(5,18)=143.16$, $p<.000$). Additionally, a significant main effect for group was found for the drawing condition ($F(5,18)=167.30$, $p<.000$) A significant group X frequency interaction was found for the drawing condition as well ($F(5,18)=5.84$, $p<.002$). The only other condition which showed significant group effects was the coding condition in which a significant group X frequency interaction was found ($F(5,18)=3.05$, $p<.036$). For factor 2 data, significant main effects were found for frequency for each condition: baseline ($F(5,18)=53.93$, $p<.000$, reading ($F(5,18)=65.71$, $p<.000$), drawing ($F(5,18)=30.92$, $p<.000$), ravens ($F(5,18)=37.01$, $p<.000$), story ($F(5,18)=p<.000$), and coding ($F(5,18)=46.93$, $p<.000$). Additionally, a significant group X frequency interaction was found for the coding condition ($F(5,18)=5.14$, $p<.004$). Factor 3 data showed significant main effects for frequency for each condition: baseline ($F(4,19)=79.78$, $p<.000$), reading ($F(4,19)=77.69$, $p<.000$), drawing ($F(4,19)=93.17$, $p<.000$), ravens ($F(4,19)=90.54$, $p<.000$), story ($F(4,19)=133.30$, $p<.000$), and coding ($F(4,19)=79.79$, $p<.000$). Factor 3 data showed no significant group effects.

To further explore these significant findings individual paired t-tests were performed on the factors to compare differences between groups (MPH, No-MPH). Groups were compared on specific frequency by condition combinations, for example, theta during the drawing condition. Additionlly, since three-way interactions (group X frequency X condition) could not be assessed due to the limited number of subjects,

all possible t-tests on the factor data were performed. Six frequencies and six conditions resulted in 36 paired t-tests for factors one and two, and 30 paired t-tests for factor 3 (again, the alpha data did not produce a third factor). The potential problem with inflating the alpha level as a result of conducting multiple t-tests will be reviewed in the discussion section. Results from factor 1 indicate that the No-MPH group had significantly more percent power in theta during the story condition [$t(22)=2.32$, $p<.03$], alpha during the ravens condition [$t(22)=2.12$, $p<.045$], and beta 2 during the drawing condition [$t(22)= 5.11$, $p<.0005$]. The MPH group was significantly higher in percent power in beta 1 during the coding condition [$t(22)= 2.24$, $p<.036$]. Results from factor 2 indicate the medication group had significantly more percent power in alpha during reading [$t(22)=2.36$, $p<.027$], alpha during coding [$t(22)=2.06$, $p<.052$], and beta 2 during coding [$t(22)=3.49$, $p<..002$]. Results from factor three indicate that the off-medication group had significantly more percent power in theta during the ravens condition [$t(22)=3.71$, $p<.001$].

These differences were further analyzed with additional paired t-tests on the actual log transformed EEG data to discover which recording locations were significantly different. For each of the 8 significant paired t-tests listed above, 19 additional t-tests (one for each of the 19 recording sites) were computed (19 x 8 = 152). Results from these additional paired t-tests are summarized in table 1. For clarity, graphical depictions of the topographic distributions of these findings across regions of the scalp are presented in Figures 3 through 7. As can be seen in figure 3, the significant increase in theta during the story condition was localized in left frontal

and temporal locations and one right temporal location. Figure 4 depicts the frontal locations which showed significant increased alpha during the reading condition. Further analysis of the significant finding of increased alpha during the Raven's task indicated that alpha was significantly increased in the NO-MPH group in central and left frontal regions, with one right temporal location showing significant increases (see Figure 5). Figure 6 depicts the left central, temporal, and parietal locations which contributed to the significant finding of increased beta1 in the MPH group during coding. Locations contributing to the significant increase in beta2 in the MPH group during coding were predominately central, as can be seen in Figure 7. A right frontal increase in beta2 can also be noted. T-tests revealed no specific locations which contributed to the finding of increased alpha during the coding condition for the No-MPH group. Additionally, no significant differences between specific locations were found for the finding of increased beta 2 during drawing for the No-MPH group, or for the finding of increased theta during the raven's condition for the No-MPH group.

Relationships between EEG and ADDES and TOVA. A Pearson Product Moment correlation coefficient was used to assess possible relationships between those EEG variables that were found to significantly differ between groups and scores on the ADDES and the TOVA. Separate correlations were run for the on and off MPH groups. Results of the significant correlations are presented in table 2.

Event-related Potential Measures. The event-related potential data was analyzed by first generating a single average for each individual for all stimuli presented. Data points were recorded from the O1, O2, and OZ locations.

To determine differences between on and off medication groups, paired t-tests were used. Results from these tests indicate no significant differences between groups in amplitude of the N1 wave form. The subjects did, however, show significant decreases in latency of the N1 at Oz [$t(21)=2.32$, $p<.030$] with MPH administration. for the stimulus 2 checkerboard presentation. After correcting the probability level for the number of t-test calculated (Bonferoni adjusted to $p<.01$), this finding would no longer be considered statistically significant.

Discussion

Behavioral and Performance Measures. The results from the Attention Deficit Disorder Evaluation Scale (ADDES) indicate that subjects were rated significantly more favorably when under the influence of methylphenidate. This supports previous research on the power of rating scales to successfully differentiate between on and off medication conditions (Rapport, et. al., 1985; Klorman, et. al., 1988). Additionally, it indicates that behavioral improvement was effected by MPH administration, at least in the subjective judgements of parents. This may have been influenced by the subject pool being made up of ADHD individuals with complaints of hyperactivity as well as inattention and impulsivity. Research indicates that higher percentages of favorable responders to MPH based on clinical ratings of improvement have been found for children with a strong hyperactivity component of the ADHD diagnosis (Taylor, Schachar, Thorley, Wieselberg, Everitt, & Rutter, 1987).

The continuous performance test (TOVA) data indicated that subjects scored lower on the variability measure after MPH administration. Variability is defined in the

TOVA manual as the standard deviation of the mean correct response times. It is considered the single most important variable in the correlation between ADHD and TOVA performance (Greenberg, 1991). While ADHD children can often attend to tasks in a seemingly normal fashion, they have been shown to be unable to sustain attention, with performance deteriorating quickly in a given time period (Porges, Walter, Korb, and Sprague, 1975). It appears that the ADHD subjects were able to appropriately react to the target stimulus more consistently following MPH administration. This is consistent with research on the effects of MPH on sustained attention and vigilance (Gordon, 1983; Greenberg, 1991; Greenberg, 1987; Klorman, et. al., 1988).

EEG Measures. Early EEG studies, using traditional visual inspection of the EEG tracing, indicated that there were no specific patterns of EEG modifications following stimulant administration. However, some researchers reported trends of increased beta power and reduced alpha power (Fink, 1968,1974; Pollock, et. al., 1981). This suggests a normalizing influence of MPH on the cortical EEG, since a commonly reported difference between normal and clinical (LD, ADHD) subjects is increased slow wave activity (Mann, et. al., 1992; Pavy and Metcalf, 1965; Winkler, et. al, 1970) and decreased beta activity (Callaway, et. al., 1983; Grunewald-Zuberbier, et. al., 1975)) in clinical subjects. Since the advent of Power Spectral Analysis, no EEG based study has attempted to carefully examine the cortical effects of MPH in ADHD subjects. Results from this study indicate that the effects of MPH on quantitative EEG measures in ADHD children are less than robust, with significant

effects of the drug appearing only under certain conditions.

Most principle component (factor) data showed significant main effects for condition in all frequencies. This indicates that percent power of the EEG varied from task to task (baseline, reading, drawing, listening, ravens, and coding) for each frequency (Delta1, Delta2, Theta, Alpha, Beta1, and Beta2). This supports previous research which indicates that the EEG changes as a function of level of consciousness (Tyner, et. al., 1983), mental processing (Neidermeyer, 1989), and cortical engagement (Lindsley, et. al., 1949; Neidermeyer, 1989). Exceptions to this finding were in Delta1 for factor 2 and Delta2 for factor 3, which could have been due to large amounts of variability in the Delta1 and 2 frequencies due to eyeblinks and facial movements.

No significant main effect was found for group (drug vs. no drug) for any frequency. This indicates that MPH did not affect the cortical EEG in a global manner. This is consistent with recent research on cerebral glucose metabolism which indicates that MPH does not change global whole-brain metabolism (Matochik, et. al, 1994). The significant condition by group interaction for beta2 for factor 1 and factor 2 data indicates that MPH induced changes in the beta2 frequency of the EEG during certain tasks. Additionally, for factor 3 data, significant condition by group interactions for both beta1 and theta indicate that for some tasks, power in the beta1 and theta bandpasses changed as a function of MPH administration.

Subsequent analyses to determine specific locations and conditions on which MPH exerted an effect on the EEG revealed certain patterns of cortical activation or

decreased slowing in the MPH group. Even with the procedures undertaken to help control for the experimentwise, or Type I error rate, 152 total t-tests were performed. This made the bonferoni adjusted alpha level .0003. No findings were significant at this level; however, while some significant findings were probably spurious, the significant differences which fell together within specific brain regions associated with known functions are less suspect.

T-tests revealed that the percentage of theta produced by the MPH group was significantly lower than the No-MPH group in left hemisphere and right posterior regions during the listening conditions (See Figure 3). Since listening to a story is a language based task, activation of the left hemisphere would be expected during this condition (Dean, 1986). It is possible that MPH enabled subjects to block slow wave activity in the left hemisphere more effectively than when they were in a non-medicated state when listening to a story. It should be noted, however, that no significant differences were revealed in the theta bandpass for other language based or left hemisphere tasks such as reading or coding. Since the auditory association cortex lies on the posterior aspect of the supratemporal plane (Mesulam, 1988), which is within the region where differences were found, it is possible that MPH exerts an effect on theta activity only on language based, auditory tasks. Further exploration of this phenomenon is necessary before conclusions can be drawn. Since only one location in the right posterior region was found to significantly differ between groups, an attempt at interpretation will not be made.

The finding of significantly increased alpha during reading in the frontal pole

regions for the MPH group is difficult to interpret (See figure 4). The frontal cortex has been found to be important in certain aspects of oculomotor control (Kolb and Whishaw, 1985). Luria and others have reported alterations in voluntary eye movements with frontal lobe lesions; with visual search and saccade tasks impaired with frontal damage (Luria, 1973; Guitton, Buchtel, and Douglas, 1982). It is possible that the failure of alpha to attenuate in frontal locations during reading in the MPH group is indicative of more difficulty with oculomotor control with medication than without. If this interpretation were correct, then MPH would not be facilitory to academic tasks which require reading, in fact, it could possibly interfere with reading ability. Further research which specifically measures eye movements, both saccadic and voluntary, with MPH administration would address this question.

Differences between groups were also found in the alpha bandpass for both the ravens task and the reading task. During the Raven's task, the MPH group had lower percent power in alpha in left frontocentral and right posterior regions (See figure 5). Again, the right posterior finding was for a single channel, not falling within a group of significant findings, thus an attempt at interpretation will not be made. However, the left frontocentral findings were all in adjacent areas. Usually, increased alpha activity within a region is associated with inactivation of that region (Davidson, 1988; Roberts, Kraft, & Harter, 1989). The finding that MPH decreased alpha suggests activation of the left frontal and central regions in the subjects. This is consistent with research on normal subjects which suggests that activation of the EEG is maximal at central locations with the administration of the Raven's (Shcheblanova, 1984). The

finding that all significant decreases in alpha with MPH administration occurred toward the left side could indicate that the subjects in the MPH condition may have been better able to engage left-hemisphere analytical skills than the No-MPH group.

The increased beta1 and beta2 found during the coding condition in central (beta2) and central, temporal, and parietal regions of the left hemisphere (beta1) indicate increased activation of the cerebral cortex with MPH administration (See figures 6 and 7). This is the only significant finding which points toward a normalizing effect of MPH on the EEG. Recall that Mann, et. al., (1992) found decreased beta activation in ADHD subjects compared to normal controls. Additionally, ADHD subjects have been shown to receive significantly lower scores on the coding subscale of the WISC-R than normal controls (Lufi and Cohen, 1985). The fact that all significant findings for both beta1 and beta2 were in central and left hemisphere regions is consistent with research which indicates that the left hemisphere is dominant for reading an analytic symbol system that is not phonetically based (Segalowitz, Bebout, and Lederman, 1979). It has been shown that scores on the coding subtest of the WISC-R are intercorrelated with language tests (Stewart and Moely, 1983). Additionally, studies of brain damaged children indicate that performance on the coding task of the WISC-R is more impaired with left hemisphere than right hemisphere damage (Glos and Pavlovkin, 1985). However, the failure of the present study to find activation differences in the left hemisphere during reading or listening tasks suggests that something other than language based processing is influenced with MPH. Recall that Reid and Barkowski (1984) found that MPH influences perceptual components of the

brain, improving performance only on measures which emphasize perceputal efficiency. Since the coding task required more perceptual efficiency than a basic reading task, it is possible that the significant increases in beta activation in the left hemisphere were due to increased perceptual efficiency in dealing with symbolic representations.

The fact that t-tests revealed no specific locations for the finding of increased beta during the coding condition for the No-MPH group is interesting. A significant main effect was found for group in the group X frequency ANOVA for the drawing task for factor 1 data, and t-tests on the factors indicated a significant difference between groups in the beta 2 frequency during the drawing condition. T-tests on the actual log-transformed data indicated that the increased beta2 was not a localized phenomenon. Interpretations of increased beta2 activity are difficult, since EMG activity can manifest changes in the beta2 bandpass. It is possible that the group differences in beta2 during the drawing conditon were due to increased EMG activity in the No-MPH group. This is consistent with well known findings of decreased motoric activity in ADHD children with MPH administration.

T-tests to detirmine specific locations which differed in theta during the ravens task did not indicate a localized increase in the No-MPH group. Since t-tests on the factor data revealed significant differences between groups within this bandpass/condition, it is possible that viewing the data in fewer dimensions obscures the differences between the groups. It is also possible that the finding of increased theta in the factor ANOVAs was spurious, since support from the t-tests on the actual

data was not present.

Finally, the finding of increased alpha during the coding condition for the No-MPH group showed no localized effect when t-tests on the log-transformed data were performed. Additionally, the increased alpha during coding finding was not supported by any significant main effect or interaction found in the ANOVAs performed on the factor 2 data. Since a total of 152 t-tests were performed on the log-transformed data, no localized pattern was discovered for this finding, and no support was present in any macro analysis, it is probable that this is a spurious significant finding.

Relationships Between EEG, ADDES, and TOVA. Table 2 lists significant correlations between EEG measures, TOVA performance, and ADDES ratings for both on and off drug conditions. While these correlations are also subject to an inflated experimentwise error rate, again patterns of significant correlations (regional or functional) make some significant findings less suspect than others.

It is interesting that the impulsivity subscale of the ADDES rating scale for the No-MPH group and the impulsivity subscale of the TOVA for the MPH group both correlated with beta1 levels for the coding condition. For both the drug and no drug coding conditions, impulsivity was significantly correlated with left hemisphere beta1 EEG measures (temporal posterior in the no drug condition, and central parietal in the drug condition). For the no drug condition, the correlation was positive, indicating that when beta1 increased so did the subjects' scores on the impulsivity category of the ADDES rating scale. Recall that the ADDES rating scale data yielded standard scores, with lower numbers representing more impulsive behavior. This suggests that

subjects who showed increased beta1 in the coding condition behaved less impulsively according to parental ratings. Interestingly, for the drug condition, the same frequency (beta1) as well as beta2, and condition (coding) correlated with impulsivity. However, the correlation was negative for the drug group indicating that when beta1 increased during coding, subjects performed with more impulsive errors on the TOVA. Since the EEG data showed increased beta1 during the coding task for the MPH group when compared to the NO-MPH group, it is possible that this artificial increase in beta activation in the left hemisphere actually caused increased impulsive errors on the coding task. Unfortunately, the obvious step of comparing performance scores on the coding task between on and off drug conditions was not feasible due to the stringent movement restrictions enforced during data collection. The coding task requires that the subject look back and forth between a list of codes and a row of numbers; it also involves writing. Since the task is scored based on numbers of correctly completed deciphers and some children had to restrict normal eye and hand movements due to artifact generated in the EEG, it was impossible to fairly score performance on this measure. It is possible that a longer data collection period for the coding task would allow for a larger percentage of artifact rejected epochs. This would enable the researcher to be less restrictive with regard to subjects' eye and hand movements.

An additional pattern of significant negative correlations was found for the MPH group between the inattention subscale of the ADDES rating scale and the beta1 and beta2 frequencies for the coding condition. This correlation indicates that increases in

beta1 and beta2 during the coding task is in some way related to parents rating subjects as more inattentive (recall that decreases in inattention standard scores indicate more inattention). This relationship was evident for left central and temporal locations and a right frontal location. This could be interpreted as a relationship which indicates a detrimental effect of MPH on attention for tasks such as coding which require novel discriminations of language-like symbolic representations.

Finally, a pattern was found in the No-Drug group for the relationship between the reaction time (RT) measure on the TOVA and theta production in the left hemisphere during the story task. Thus standard scores on RT decreased as percent theta increased. Since a decrease in standard score indicates poorer performance (a longer reaction time), theta actually increased as reaction time increased. This indicates that the subjects who had increased theta activity also had increased response time scores; this would be consistent with prior research which links increased theta activity with inattention (Satterfield, 1973; Mann, et. al., 1992). However, this interpretation is based on correlational data, further research specifically on response time and EEG measures is necessary in order to determine cause and effect.

The remaining significant correlations were found between individual locations and a single test measure. Since there was no regional or functional patterns associated with these correlations, interpretations were not possible.

Event Related Potential Measures. The finding of increased latency at the 0z recording site was not significant at the Bonferroni adjusted alpha level of .01; therefore, conclusions cannot be drawn regarding the effects of MPH on the visually

evoked N1 component in ADHD children. Additionally, this finding was only present for one checkerboard stimulus. Since both checkerboards are identical except for reversal of pattern, this trend is likely spurious.

General Conclusions. Previous research demonstrating that ADHD children show increased theta activity and decreased beta activity when compared to normal controls (Mann, et. al., 1992) suggests that these brain rhythms might be affected by MPH administration, which is known to affect ADHD symptomatology (DuPaul and Barkley, 1990). However, the present study failed to find any robust effects of MPH on the cortical EEG. Regional changes in the EEG with MPH administration indicate that MPH only affects the cortical EEG under certain task-specific conditions. This is consistent with research which suggests that MPH may effect certain aspects of cognitive processing such as short-term memory and perceptual efficiency (Gadow, 1983; Sprague and Sleator, 1977; Swanson and Cantwell, 1989; Reid and Borkowski, 1984), while having little impact on problem solving strategies and organization of information (Ashman and Schroeder, 1986). This could explain why MPH appears to affect behavior, but not learning and academic productivity in ADHD children (Barkley and Cunningham, 1978; Gadow, 1983). MPH appears to increase arousal in the cognitive system, evidenced by improved performance on memory span and speed of processing for encoding tasks (Ashman & Schroeder, 1986). This is consistent with increased activity in brain arousal systems with MPH administration, such as the reticular activating system, but it is not supportive of activation of the cerebral cortex. In fact, MPH does not appear to positively affect tasks which depend on

strategic behavior, planning, and organization of information (Ashman & Schroeder, 1986). Tasks such as these are related to associative processing and cortical activation (Neidermeyer, 1989). Thus the present study lends support to the idea that MPH exerts an effect on the brain stem and subcortical areas, but not on cortical functioning.

The fact that the electroencephalographic data showed limited changes with MPH administration, while the behavioral data collected indicated that MPH is effective in the treatment of ADHD symptomatology is consistent with other research. Research in cerebral glucose metabolism has shown that MPH and d-amphetamine do not appear to change global, or whole-brain metabolism in adults diagnosed with ADHD; although behavior positively is affected (Matochick, et. al., 1994). Previous research on the CNS effects of MPH using glucose metabolism as a dependent measure with rats and humans appeared promising, with increased glucose metabolism found in the nucleus accumbens in rats and the caudate nucleus in humans upon MPH administration. However, PET scan technology is currently unable to provide support for these findings. The authors raise the question of whether glucose metabolism is the appropriate dependent variable for studying stimulant effects in ADHD. Results from the present study raise a similar question regarding the appropriateness of the EEG as a dependent measure in studying MPH effects. If MPH exerts its effects at the level of the basal ganglia, as cerebral blood flow studies suggest, it would not necessarily be a change measurable in the the cortical EEG.

It is also possible that the inability of the present study to discover a

"normalizing" effect of MPH on the cortical EEG was due to subject related variables. The subjects used in the Mann, et. al., 1992 study, in which EEG differences between ADHD and normal children were found, were ADHD children without complaints of hyperactivity, while the present study used ADHD subjects with complaints of hyperactivity. Many researchers continue to propose that ADHD with hyperactivity is a completely different subtype of the disorder compared to ADHD without hyperactivity (Barkley, DuPaul, and McMurray, 1990; Berry, Shaywitz, and Shaywitz, 1985; Edelbrock, Costello, and Kessler, 1984). It is possible that MPH may affect the brain differently in ADHD+ and ADHD- children, and that global, more robust effects could occur in ADHD- children. Future research which explores this issue is necessary before conclusions can be drawn regarding the appropriateness of the EEG as a measure of MPH effectiveness in ADHD.

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APPENDICES

APPENDIX A

Table 1. t-Tests on Log Transformed Data

Frequency - Condition	Location	t-Test Value	MPH Mean	NO-MPH Mean
Theta - Story				
	F7	4.00	-.69	-.61**
	T3	2.02	-.73	-.67*
	T5	2.34	-.60	-.54*
	T6	2.51	-.64	-.59*
Alpha - Reading				
	Fp1	2.95	-.90	-.95**
	Fp2	2.69	-.90	-.96**
Alpha - Ravens				
	C3	3.21	-.78	-.70**
	Cz	2.47	-.86	-.79*
	F3	2.63	-.96	-.91**
	Fz	2.14	-.97	-.93*
	P4	2.28	-.87	-.79*
Beta 1 - Coding				
	C3	2.64	-1.12	-1.16**
	C4	2.21	-1.11	-1.16*
	P3	2.16	-1.01	-1.11*
	T3	2.21	-.91	-1.01*
	T5	3.0	-.87	-.96**
Beta 2 - Coding				
	C3	2.05	-1.37	-1.42*
	Cz	2.29	-1.48	-1.53*
	Fp2	2.76	-1.23	-1.11**

*$p < .05$

**$p < .01$

Table 2. Significant Correlations Between ADDES, TOVA, and EEG

Test Subscale/EEG data	Correlation Coefficient	Probability Level
Off Ritalin Group		
TOVA reaction time / F7TH(story)	-.4687	.024
TOVA reaction time / T5TH(story)	-.5203	.011
TOVA reaction time / FZAL(ravens)	+.5346	.009
TOVA variability / FZAL(ravens)	+.5066	.014
ADDES impulsivity / T5B1(coding)	+.4359	.038
On Ritalin Group		
TOVA impulsivity / C3B1(coding)	-.4228	.044
TOVA impulsivity / C3B2(coding)	-.4464	.033
TOVA variability / C3B2(coding)	-.4563	.029
ADDES inattention / C3B1(coding)	-.4467	.033
ADDES inattention / C3B2(coding)	-.4154	.049
ADDES inattention / F2B1(coding)	-.4079	.053
ADDES inattention / T3B1(coding)	-.4345	.038

Note. EEG data is in the following format: location-frequency(condition).

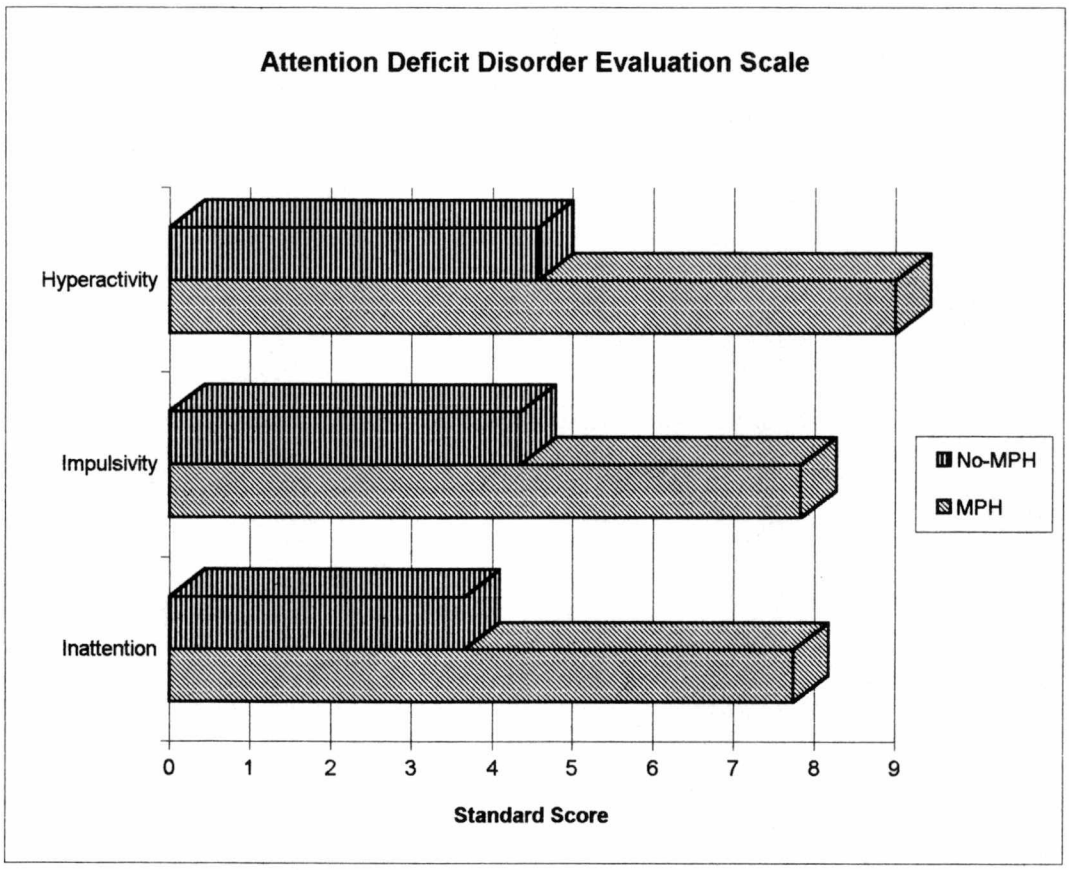


Figure 1. Differences in parental ratings on the ADDES scale with methylphenidate administration.

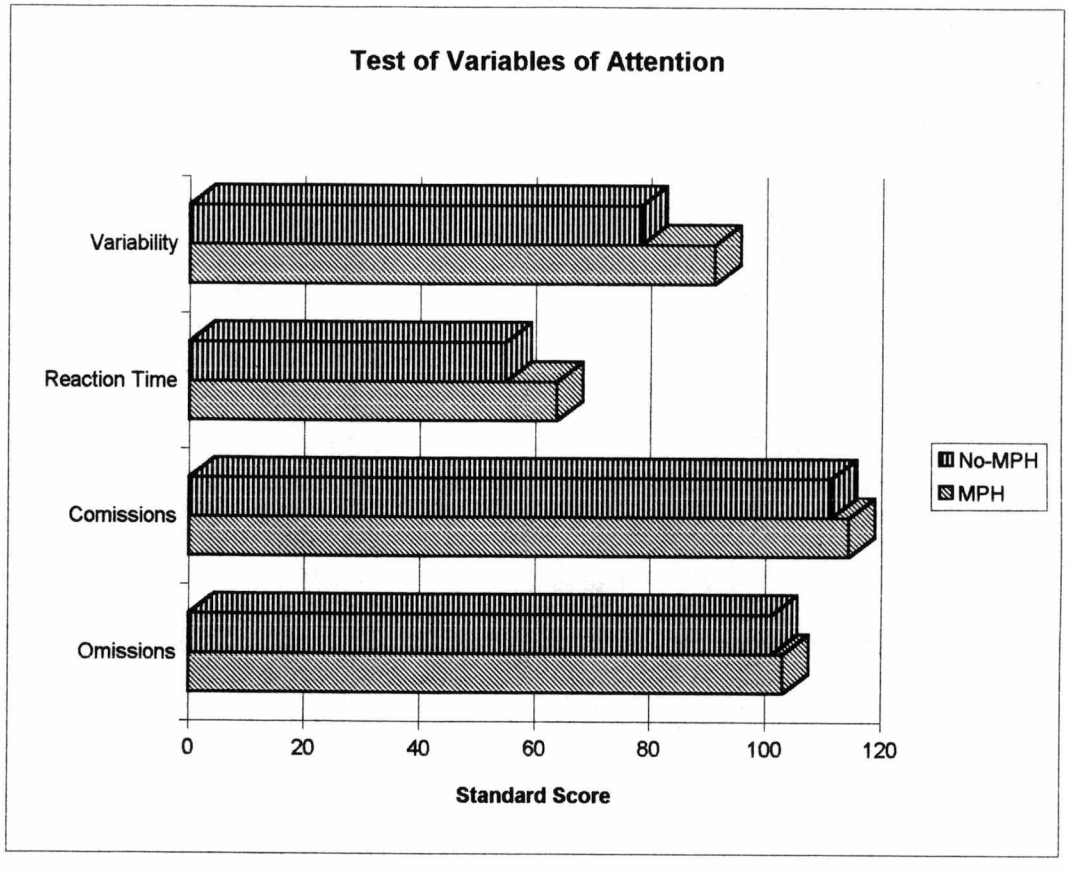


Figure 2. Differences in TOVA Performance with methylphenidate administration.

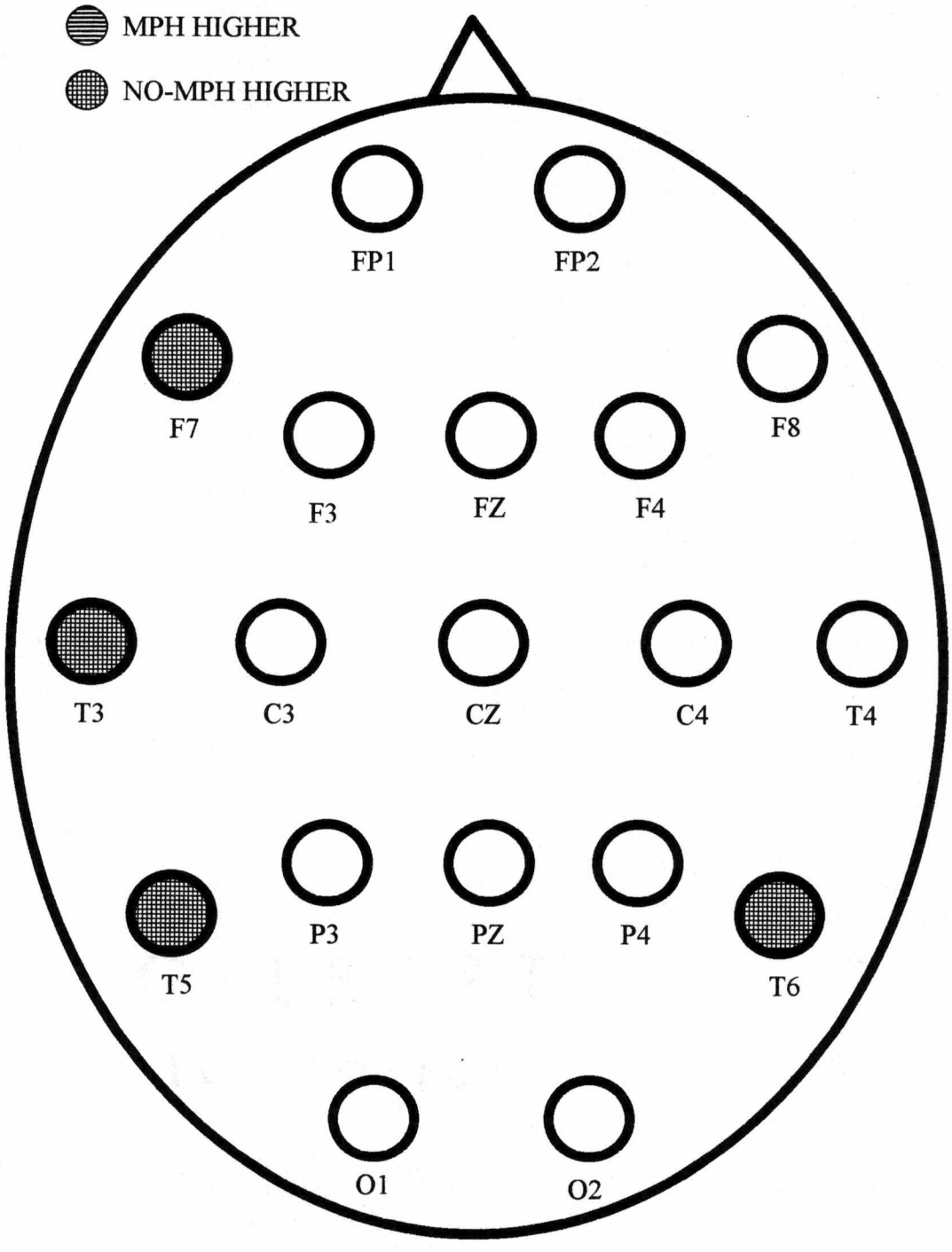


Figure 3. Theta differences during the story condition.

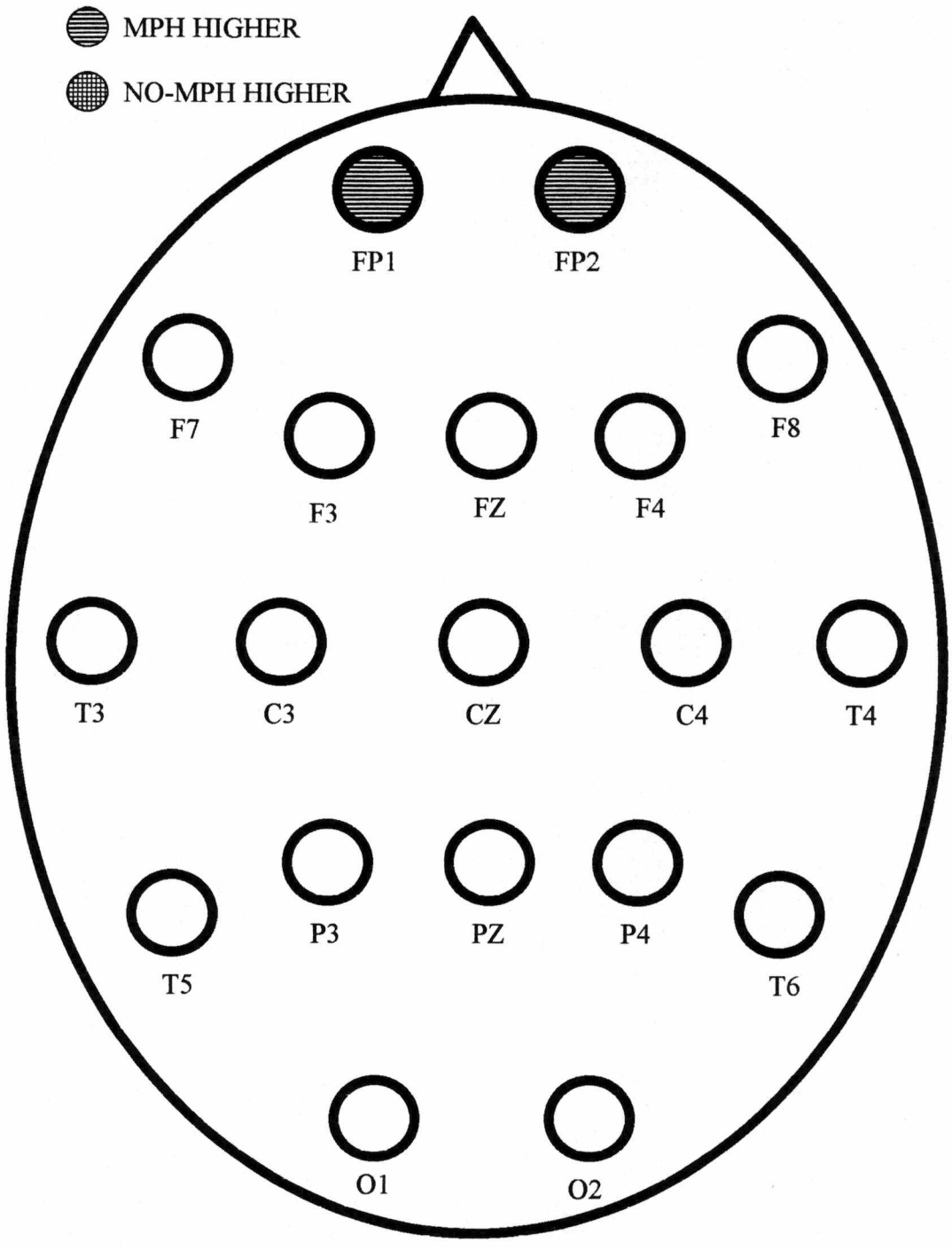


Figure 4. Alpha differences during the reading condition.

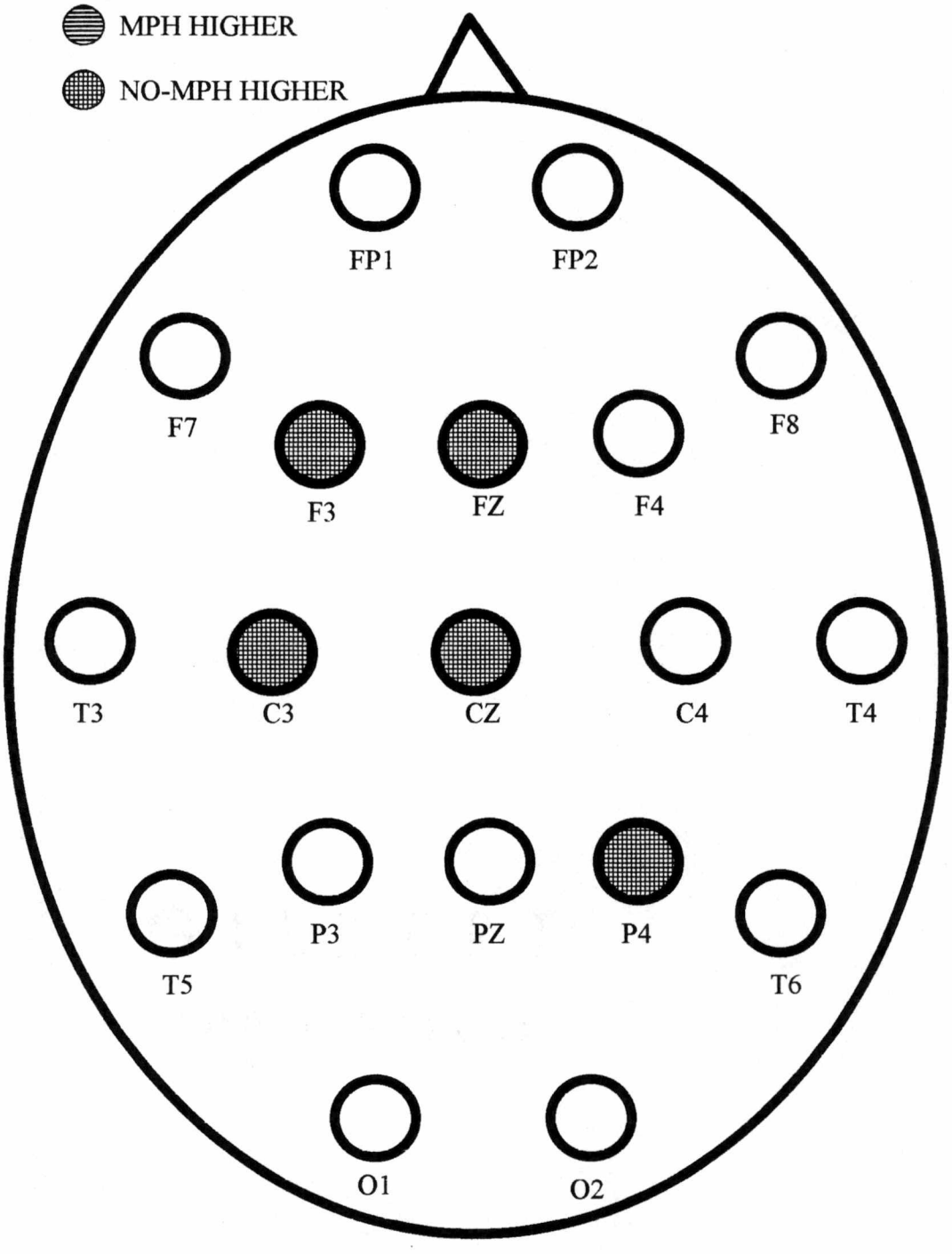


Figure 5. Alpha differences during the ravens condition.

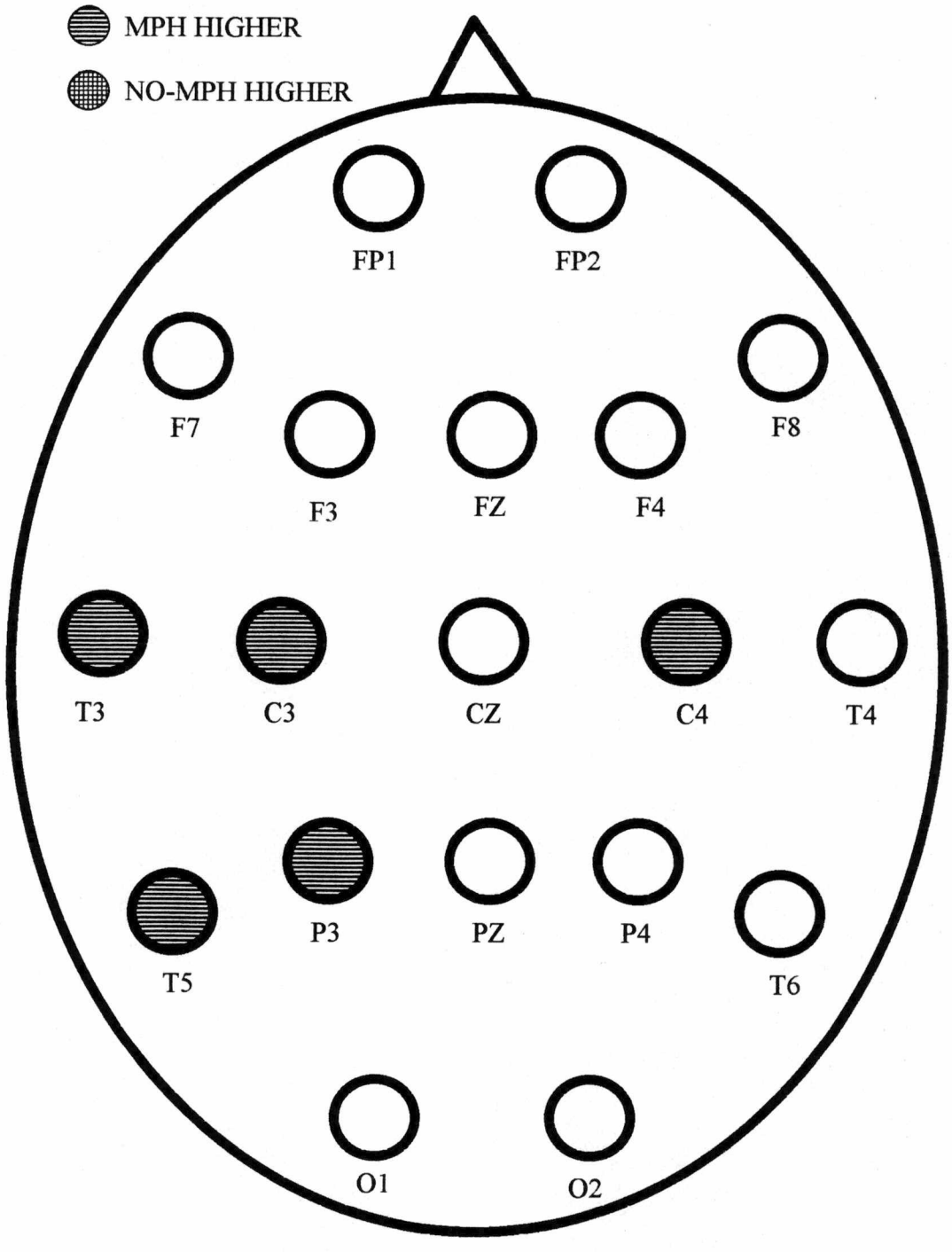


Figure 6. Beta 1 differences during the coding condition.

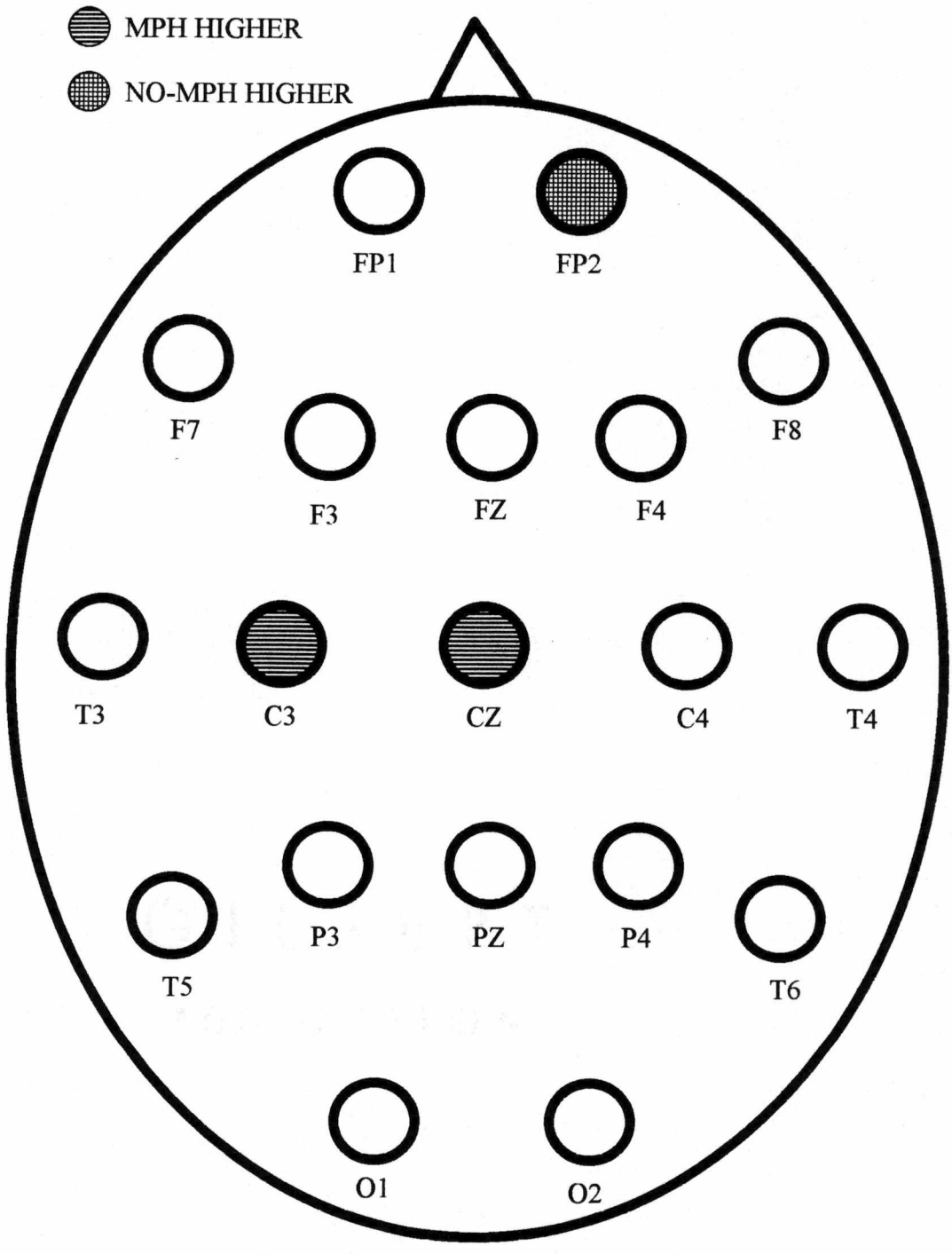


Figure 7. Beta 2 differences during the coding condition.

APPENDIX B

Subject Number	TOVA Omissions	TOVA Comissions	TOVA Reaction Time	TOVA Variablility	TOVA Standard Score Omissions
01X	-0.33	-0.66	0.93	-1.18	104.95
02X	-0.18	-1.65	3.16	1.55	102.7
03X	-0.05	1.11	1.84	1.89	100.75
04X	-0.19	-0.08	2.15	1.47	102.85
05X	-0.19	-0.87	3.03	0.87	102.85
06X	-0.24	-0.15	0.02	0.09	103.6
07X	-0.33	-1.06	4.1	1.68	104.95
08X	-0.19	-1.26	2.82	1.18	102.85
09X	-0.33	-0.27	2.68	1.84	104.95
10X	0.38	-0.66	3.52	2.26	94.3
11X	-0.23	-1.19	2.91	-1.17	103.45
12X	-0.19	-0.86	1.93	0.71	102.85
13X	0.23	-0.27	4.46	4.18	96.55
14X	0.09	-0.86	6.29	4.65	98.65
15X	-0.33	-1.65	2.34	-0.21	104.95
16X	0.53	-1.26	6.67	4.34	92.05
17X	-0.05	-0.27	1.27	1.39	100.75
18X	-0.05	-1.85	6.19	1.66	100.75
19X	0.95	-0.08	3.85	3.08	85.75
20X	-0.24	-1.34	0.88	-0.16	103.6
21X	-0.32	-1.34	0.66	-0.98	104.8
23X	-0.05	-1.65	6.03	3.53	100.75
24X	-0.33	0.87	1.77	0.66	104.95
01R	-0.33	-1.65	4.21	1.81	104.95
02R	0.24	-1.45	5.79	2.74	96.4
03R	-0.33	-1.26	1.14	-1.07	104.95
04R	-0.19	-1.65	2.18	0.89	102.85
05R	-0.33	-1.46	1.69	0.63	104.95
06R	-0.32	-1.19	0.09	-1.33	104.8
07R	-0.33	-1.85	2.32	0.71	104.95
08R	-0.33	-1.85	6.06	0.18	104.95
09R	-0.15	0.3	-0.06	-0.22	102.25
10R	-0.15	0.3	0.12	-0.53	102.25
11R	-0.23	-0.89	0.54	-0.57	103.45
12R	-0.33	-1.26	2.48	0.07	104.95
13R	-0.33	-1.65	2.45	-0.31	104.95
14R	0.23	-1.45	7.52	4.31	96.55
15R	-0.33	-1.06	1.43	-0.15	104.95
16R	-0.19	-0.66	3.35	1.84	102.85
17R	0.38	3.87	0.26	4.68	94.3
18R	-0.33	-1.65	3.21	0.21	104.95
19R	-0.19	-0.47	1.98	0.79	102.85
20R	-0.24	-0.6	0.3	-0.38	103.6
21R	-0.32	-1.49	0.78	-1.62	104.8
23R	-0.33	-1.65	5.47	0.84	104.95
24R	-0.19	-1.26	2.35	0.32	102.85

Subject Number	TOVA Standard Score Comissions	TOVA Standard Score Reaction Time	TOVA Standard Score Variability	ADDES Inattention	ADDES Impulsivity
01X	109.9	86.05	117.7	104	96
02X	124.75	52.6	76.75	92	93
03X	83.35	72.4	71.65	111	89
04X	101.2	67.75	77.95	111	100
05X	113.05	54.55	86.95	107	89
06X	102.25	99.7	98.65	88	67
07X	115.9	38.5	74.8	103	93
08X	118.9	57.7	82.3	114	102
09X	104.05	59.8	72.4	85	76
10X	109.9	47.2	66.1	106	94
11X	117.85	56.35	117.55	82	84
12X	112.9	71.05	89.35	103	89
13X	104.05	33.1	37.3	79	84
14X	112.9	5.65	30.25	76	74
15X	124.75	64.9	103.15	96	96
16X	118.9	-0.05	34.9	73	73
17X	104.05	80.95	79.15	102	102
18X	127.75	7.15	75.1	108	107
19X	101.2	42.25	53.8	85	87
20X	120.1	86.8	102.4	121	96
21X	120.1	90.1	114.7	82	82
23X	124.75	9.55	47.05	110	89
24X	86.95	73.45	90.1	105	102
01R	124.75	36.85	72.85	104	96
02R	121.75	13.15	58.9	92	93
03R	118.9	82.9	116.05	111	89
04R	124.75	67.3	86.65	111	100
05R	121.9	74.65	90.55	107	89
06R	117.85	98.65	119.95	88	67
07R	127.75	65.2	89.35	103	93
08R	127.75	9.1	97.3	114	102
09R	95.5	100.9	103.3	85	76
10R	95.5	98.2	107.95	106	94
11R	113.35	91.9	108.55	82	84
12R	118.9	62.8	98.95	103	89
13R	124.75	63.25	104.65	79	84
14R	121.75	-12.8	35.35	76	74
15R	115.9	78.55	102.25	96	96
16R	109.9	49.75	72.4	73	73
17R	41.95	96.1	29.8	102	102
18R	124.75	51.85	96.85	108	107
19R	107.05	70.3	88.15	85	87
20R	109	95.5	105.7	121	96
21R	122.35	88.3	124.3	82	82
23R	124.75	17.95	87.4	110	89
24R	118.9	64.75	95.2	105	102

Subject Number	ADDES Hyperactivity
01X	100
02X	81
03X	95
04X	88
05X	97
06X	76
07X	99
08X	91
09X	78
10X	99
11X	108
12X	110
13X	95
14X	112
15X	84
16X	85
17X	88
18X	107
19X	98
20X	76
21X	81
23X	82
24X	95
01R	100
02R	81
03R	95
04R	88
05R	97
06R	76
07R	99
08R	91
09R	78
10R	99
11R	108
12R	110
13R	95
14R	112
15R	84
16R	85
17R	88
18R	107
19R	98
20R	76
21R	81
23R	82
24R	95

SUBNUM	B1O1UV1X	B1O1UV1R	B1O1UV2X	B1O1UV2R	N1O1UV1X	N1O1UV1R
1	-4.9	-1	-2.2	-2.3	-4.4	-5.6
2	-0.3	-1	-2.1	1.5	-7.5	-10.9
3	-2.3	0.1	-1.7	-0.5	-2.3	-2.9
4	-0.2	-3.2	2.4	0.4	-7.8	-4.2
5	-2.2	-1.4	0.4	-0.8	-7.5	-5.7
6	-2.6	-2.5	-3.8	-4.3	-6.3	-6.1
7	-1.2	-1.1	-0.9	-3.7	-9.2	-3.5
8	0.8	-3.1	-1.1	-2.1	-3.5	-2.2
9	-1.8	-2.2	-0.8	-2.5	-3.9	0
10	-3.7	-2.5	0.3	-3.1	-2.1	1.7
12	-2.2	-3.8	-1.2	-4	0.7	-3.4
13	-1	-1	-0.2	-1.5	-8.2	-7.5
14	0.1	-2.4	-3.7	3.3	-6.1	-5.2
15	-0.6	1.2	-0.2	0.2	-0.3	-3.7
16	-2.5	1.7	-3.4	0.6	-4.3	-4.8
17	-0.6	-1.1	-1.2	1.5	-5.2	-7.3
18	1.8	0.6	-2.2	0.7	-3.3	-3.1
19	-0.1	0.9	2.8	-0.5	-7.8	-12.8
20	-0.9	-3.8	-1.2	0	-9.8	-11.9
21	-3.2	-0.8	0	-2.5	-4.7	-3.8
23	-0.5	1.2	0	-3.5	-3.7	-3.5
24	0.7	1	-0.2	0.1	-4.3	-4.3

Note. Format for the ERP data is as follows:

The first two letters designate the particular wave form.

The next two letters designate the topographic location.

The next two letters designate a microvolt(UV) or latency(LT) measurement.

The next number designates the stimulus number (either 1 or 2).

The final letter designates group membership (R = MPH group, X = No-MPH group).

SUBNUM	N1O1UV2X	N1O1UV2R	N1O1LT1X	N1O1LT1R	N1O1LT2X	N1O1LT2R
1	-6.7	-5.8	78.1	72.3	74.2	78.1
2	-8.5	-9.7	80.1	72.3	80.1	78.1
3	-4.1	-6.3	78.1	74.2	62.5	74.2
4	-5.2	-6.1	72.3	68.4	70.3	62.5
5	-6.7	-6.2	78.1	80.1	76.2	72.3
6	-7.6	-8.2	70.3	70.3	72.3	72.3
7	-6.9	-4.1	78.1	74.2	72.3	72.3
8	-2.8	-3.2	70.3	74.2	66.4	74.2
9	-1.9	-3.7	54.7	80.1	76.2	80.1
10	-4	-0.5	80.1	76.2	80.1	52.7
12	-2.6	-4.1	72.3	76.2	82	76.2
13	-3.9	-9.8	82	80.1	78.1	80.1
14	-6	-4.6	80.1	76.2	80.1	80.1
15	-1.5	-2.4	72.3	72.3	72.3	72.3
16	-7	-3.1	66.4	78.1	56.6	72.3
17	-6.5	-7.9	78.1	76.2	78.1	76.2
18	-3.5	-3.5	74.2	76.2	76.2	80.1
19	-8.4	-5.8	85.9	85.9	82	82
20	-11.2	-13.5	76.2	76.2	78.1	74.2
21	-4.6	-0.9	50.8	50.8	60.5	66.4
23	-3.4	-4	60.5	52.7	72.3	64.5
24	-7.3	-8.2	78.1	78.1	72.3	70.3

Note. Format for the ERP data is as follows:

The first two letters designate the particular wave form.
The next two letters designate the topographic location.
The next two letters designate a microvolt(UV) or latency(LT) measurement.
The next number designates the stimulus number (either 1 or 2).
The final letter designates group membership (R = MPH group, X = No-MPH group).

SUBNUM	B1O2UV1X	B1O2UV1R	B1O2UV2X	B1O2UV2R	N1O2UV1X	N1O2UV1R
1	-5	-0.5	-4	-2.8	-6.7	-4.4
2	-1.2	-1.5	-1.5	1.6	-3.8	-8.7
3	-2	0.2	-1.5	-1	-9.5	-7.2
4	0	-3.7	2.7	0.2	-12.4	-6.8
5	-0.3	-1.1	0.8	-0.4	-4.7	-5.5
6	-1.9	-2.1	-2.5	-3.9	-7.8	-6.8
7	-1.3	-3.5	-0.2	-3.1	-10.9	-6.9
8	1.8	-2.6	-0.9	-1.9	-4.1	-0.8
9	-1.4	-1.4	-4.2	-3.2	-6.5	-3.8
10	-3.5	-2	1.5	-2.6	-1.8	1.8
12	-1.5	-3.5	-1.2	-4.5	-3.1	-8.2
13	-1.4	-1	-0.2	-1.4	-8.7	-7.5
14	0.1	-2.4	-3.9	3.5	-7.9	-6.6
15	-1	1	-1.2	0.7	-3	-7.9
16	-2.8	-1	-4	-0.2	-8.3	-10.6
17	-0.8	-0.1	-1.3	0.9	-9.2	-9.5
18	1.4	0.5	-3.5	2	-3.9	-5.2
19	-1.3	2.2	3.9	-0.8	-11.2	-14.4
20	-4.8	-4.7	-4.5	-1.8	-10.1	-15.4
21	-4.9	-3.3	-0.1	-2.9	-4.8	-4.3
23	-1.2	0	-0.8	-3.2	-3.4	-2.8
24	-0.2	1.4	0.3	-0.8	-4.7	-5.8

Note. Format for the ERP data is as follows:

The first two letters designate the particular wave form.

The next two letters designate the topographic location.

The next two letters designate a microvolt(UV) or latency(LT) measurement.

The next number designates the stimulus number (either 1 or 2).

The final letter designates group membership (R = MPH group, X = No-MPH group).

SUBNUM	N1O2UV2X	N1O2UV2R	N1O2LT1X	N1O2LT1R	N1O2LT2X	N1O2LT2R
1	-7.6	-6.2	78.1	72.3	74.2	72.3
2	-3.8	-7.9	76.2	78.1	80.1	78.1
3	-8.5	-10.3	78.1	74.2	74.2	72.3
4	-12.1	-7.4	70.3	66.4	70.3	64.5
5	-5.3	-6.2	78.1	80.1	76.2	72.3
6	-6.2	-7.9	70.3	68.4	72.3	68.4
7	-10.2	-4.8	76.2	74.2	74.2	72.3
8	-4.2	-2.5	72.3	72.3	66.4	72.3
9	-4.1	-4	74.2	74.2	76.2	70.3
10	-2.6	-0.6	80.1	76.2	80.1	52.7
12	-8.2	-7.8	78.1	76.2	80.1	76.2
13	-3.5	-9.5	82	80.1	76.2	80.1
14	-8.8	-5.8	80.1	74.2	80.1	78.1
15	-4	-7.2	72.3	74.2	72.3	72.3
16	-8.1	-9	72.3	78.1	66.4	74.2
17	-9.5	-10.7	76.2	76.2	74.2	76.2
18	-4.5	-4.7	74.2	74.2	76.2	70.3
19	-9.5	-9.3	80.1	85.9	82	80.1
20	-12.2	-18.2	76.2	74.2	70.3	74.2
21	-5.5	-0.7	50.8	50.8	60.5	66.4
23	-3.2	-1.8	66.4	52.7	50.8	56.6
24	-8.2	-8.5	74.2	78.1	72.3	72.3

Note. Format for the ERP data is as follows:

The first two letters designate the particular wave form.

The next two letters designate the topographic location.

The next two letters designate a microvolt(UV) or latency(LT) measurement.

The next number designates the stimulus number (either 1 or 2).

The final letter designates group membership (R = MPH group, X = No-MPH group).

SUBNUM	B1OZUV1X	B1OZUV1R	B1OZUV2X	B1OZUV2R	N1OZUV1X	N1OZUV1R
1	-3.4	-1.5	-2.3	-0.8	-6.7	-7.4
2	-1.2	-1.9	-1.5	-0.3	-4.5	-9.8
3	-3.2	-0.2	-1.1	-2.5	-6.2	-7
4	2.5	-4	5.3	0.6	-12	-5.8
5	-1.2	-0.8	0.8	-0.5	-7.9	-6.2
6	-2.5	-3	-3.6	-5	-12.2	-7.4
7	-3.2	-4.2	-0.2	-2.5	-12.9	-6.3
8	0.5	-7.9	-1.6	-4.9	-5.9	-4.1
9	-1.2	0.1	-4.2	-4.5	-9.4	-5.1
10	-3.1	-1.2	0	-2.4	-2.1	1.2
12	-0.1	-2.8	-0.7	-3.7	-4.3	-7.7
13	-0.8	-1.8	1.5	-1.8	-10.6	-6.9
14	0.3	-2.6	-5.8	2.4	-7.9	-7
15	-0.2	0.3	-1.6	0.4	-5.2	-5.9
16	-1.9	-3	-5.1	-2.9	-10.2	-6.5
17	-3.8	3.4	-3.5	5	-10.8	-11
18	1.8	0.6	-3.2	0.8	-5.3	-9.6
19	-0.5	-1.3	4.8	-1.5	-18.3	-17.1
20	-6.9	-6.9	-5.8	-1.2	-12.7	-20.2
21	-4.8	-3.2	-0.5	-4.2	-4.7	-7.1
23	0.5	2.1	-0.5	-3.5	-3.8	-3.6
24	0.8	2.2	0.4	1	-11.4	-9

Note. Format for the ERP data is as follows:

The first two letters designate the particular wave form.

The next two letters designate the topographic location.

The next two letters designate a microvolt(UV) or latency(LT) measurement.

The next number designates the stimulus number (either 1 or 2).

The final letter designates group membership (R = MPH group, X = No-MPH group).

SUBNUM	N1OZUV2X	N1OZUV2R	N1OZLT1X	N1OZLT1R	N1OZLT2X	N1OZLT2R
1	-9	-6.2	78.1	74.2	74.2	70.3
2	-4.2	-8.8	66.4	72.3	78.1	78.1
3	-10	-10.9	78.1	74.2	74.2	76.2
4	-11	-7.6	72.3	68.4	72.3	66.4
5	-8	-4.5	76.2	80.1	74.2	72.3
6	-11	-9.5	62.5	70.3	70.3	66.4
7	-10.9	-3.8	66.4	76.2	72.3	72.3
8	-4.4	-5.9	72.3	80.1	66.4	70.3
9	-8.5	-6	72.3	72.3	78.1	76.2
10	-2.2	-0.7	82	50.8	80.1	52.7
12	-7.8	-8.6	74.2	76.2	82	76.2
13	-4.6	-8.9	85.9	78.1	82	80.1
14	-9.3	-5.9	80.1	74.2	80.1	74.2
15	-6.5	-2.8	78.1	68.4	80.1	80.1
16	-9.9	-7.6	74.2	76.2	80.1	76.2
17	-10.6	-13.9	80.1	76.2	78.1	76.2
18	-4.5	-7.6	76.2	80.1	74.2	78.1
19	-14.3	-12.1	87.9	84	87.9	82
20	-14.5	-21.9	74.2	76.2	70.3	74.2
21	-6.8	-1.8	72.3	56.6	60.5	52.7
23	-4.2	-4.1	62.5	50.8	70.3	64.5
24	-15.8	-13.3	72.3	78.1	74.2	74.2

Note. Format for the ERP data is as follows:

The first two letters designate the particular wave form.

The next two letters designate the topographic location.

The next two letters designate a microvolt(UV) or latency(LT) measurement.

The next number designates the stimulus number (either 1 or 2).

The final letter designates group membership (R = MPH group, X = No-MPH group).

BASELINE								READING					
LOCATION	DELTA 1	DELTA 2	THETA	ALPHA	BETA 1	BETA 2		DELTA 1	DELTA 2	THETA	ALPHA	BETA 1	BETA 2
F7	27.6	15.4	13.5	13	12.8	17.6		40.9	19.6	14.1	8.1	9.8	7.5
T3	17.9	13.7	13.3	13.9	15.8	25.4		23.1	15.3	15.3	10.7	16.9	18.7
T5	24.5	14.4	12.8	21	13.9	13.3		22.9	17.7	19.4	13.9	15.4	10.6
FP1	22.7	19.1	14	13.2	16.3	14.6		33.2	21.9	17.1	8.7	12.2	6.8
F3	22.9	17.2	18.7	16	13.7	11.5		26.9	22.3	21.5	9.6	12.7	7
C3	19.5	14.7	14.6	28.8	13.5	8.9		22.3	17.3	20.7	21.7	11.6	6.4
P3	27.8	15.9	13.3	26.4	11.3	5.2		28.9	17.8	20.2	16.7	11.4	5
O1	19.6	12.3	11.7	37.1	11.7	7.6		22.4	18	19.5	15.9	13.2	11.1
FZ	24.3	19.9	21.6	16.4	12	5.8		24	22.3	25	10.6	13	5
CZ	20.1	19.8	24.2	22.9	8.5	4.4		21.2	19.5	26.3	19.2	9.8	4
PZ	23.3	16.4	16	31.1	9.3	3.9		25.7	18.8	20.5	20.6	10.3	4.3
FP2	24.9	22.5	14	12.6	16.1	10		31.8	21	17.5	8.8	13.3	7.5
F4	22.2	19.4	20.8	16.1	12.6	8.9		24.3	19.9	22.2	11.4	13.7	8.4
C4	17.8	17.2	17.7	28.9	11.4	7.1		18.1	15.5	19.8	27.4	12.2	7.1
P4	27	16.6	14.1	29	9.5	3.9		30.7	19.5	18.4	15.1	11.5	4.9
O2	18.9	12.6	10.2	38.9	11.3	8.1		24.3	18.3	16.1	14.1	14.5	12.6
F8	26.7	19.6	15.6	13.8	14.6	9.7		40.7	19.7	14.4	8.9	9.8	6.5
T4	11.3	6.8	6	8.3	27	40.7		17.7	11.1	8.3	8.1	28.7	26.3
T6	27	14.1	11.7	26.1	12	9.1		26.2	19.1	17.3	13.5	14.3	9.7
DRAWING								RAVENS					
LOCATION	DELTA 1	DELTA 2	THETA	ALPHA	BETA 1	BETA 2		DELTA 1	DELTA 2	THETA	ALPHA	BETA 1	BETA 2
F7	30.1	18.2	18.3	11.3	12.8	9.3		43.5	21.7	12.1	5.4	9.6	7.6
T3	23.3	16.8	19	11.8	15.7	13.4		34.7	14.3	14.3	9.9	13.9	12.9
T5	22.8	19.1	20.2	11.2	15.2	11.4		29.9	20.5	20.6	10	11.1	7.7
FP1	32.6	19.4	14.7	8.4	11.7	13.2		39.6	28.8	14	6.2	7.7	3.6
F3	25.3	22.2	22.3	10.7	11.4	8.1		29.7	25.7	22	9.2	8.4	4.9
C3	24.1	22.4	23.7	12.6	10.1	7		23.1	16.2	25.5	20.2	8.9	6.1
P3	26.7	23.2	20.8	12.2	10.7	6.4		24.1	20.7	27.2	13.9	8.8	5.3
O1	22.4	18.6	17.2	12.7	14.2	14.9		23.1	19.9	26.3	10.2	10.9	9.6
FZ	21.7	23.1	25.1	12.3	10.8	7		26.4	25.9	25.3	10	8.2	4.1
CZ	23	24.9	27	13.8	6.5	4.7		19.5	21.3	32.3	14.7	8.3	3.9
PZ	27.2	23.7	21	14.7	8.3	5.2		23.6	25.1	26.3	13.3	8	3.8
FP2	32.8	22	15.1	9.7	12.3	8.1		40.3	26.4	14	7	7.7	4.6
F4	22.1	22.3	21.6	12.4	11.4	10.2		26.6	25.1	22.4	10.4	9.4	6.1
C4	20.5	18.2	17.9	27.9	8	7.4		21.8	23.5	21.9	17.7	9.2	5.9
P4	28.4	24.4	18.1	12.6	10	6.5		27.2	28.1	20.4	10.8	9.2	4.2
O2	20.4	15.4	13.9	13.7	15.5	21		24.9	21.5	22.4	9.9	11.3	10
F8	31.9	19.4	15.6	10.1	13.5	9.5		40.8	18.8	13.8	8.8	8.8	9.1
T4	13.5	9.5	7	7.6	29.2	33.1		22.1	12.8	7	7.8	25	25.4
T6	27.2	19	13.2	11.5	15.9	13.2		33.7	24.3	11.8	9.2	14	6.9
STORY								CODING					
LOCATION	DELTA 1	DELTA 2	THETA	ALPHA	BETA 1	BETA 2		DELTA 1	DELTA 2	THETA	ALPHA	BETA 1	BETA 2
F7	35.7	19	15.6	9.4	11.5	8.9		42.9	14	15.8	9.5	10.7	7.1
T3	21.9	20.2	12.6	12.1	14.5	18.6		31.4	19.5	18.7	12.3	12.1	6
T5	29.4	18.5	14.7	15.3	13.5	8.6		29.7	20.6	19.4	11.5	12.5	6.4
FP1	34.5	21.4	17	10.4	10.9	5.8		43.8	15.2	16.2	7.4	9.5	7.9
F3	24.4	19.6	25.2	12.9	11.4	6.5		34.7	17.6	20.9	8.8	11.7	6.4
C3	23	18.2	24.3	18.1	10.4	6.1		28.7	21.4	22.2	13.8	8.8	5.2
P3	29.8	16.2	18.2	21.1	10.6	4.1		31.1	21.7	19.9	13.1	9.7	4.6
O1	30.4	15.1	13.5	23.3	11	6.7		23.8	17.9	17.5	11.7	14.3	14.8
FZ	25.7	19.8	24.7	12.5	11.2	6.1		28.4	18.3	25.6	10.3	11.6	5.8
CZ	26.7	19.2	26.2	17.9	6.8	3.2		24.6	22.5	24.9	16.5	7.6	3.9
PZ	30.8	14.6	18.8	23.4	9.3	3.1		28.3	21.9	19.8	16.9	8.7	4.3
FP2	33.7	20	17.7	9.7	13.8	5		41.9	16.9	15.6	7.5	10.4	7.8
F4	29.5	17.9	21.9	11	13.2	6.4		29.4	19.2	21.8	11.2	11.2	7.2
C4	31.7	17.9	20.4	15.6	9.6	4.9		23.3	15.7	15.3	31.7	8.3	5.7
P4	34	16.1	15.6	20.4	10.4	3.4		26.8	22.5	19.5	14.8	10.5	5.8
O2	28.7	12.6	14.3	25.8	12.2	6.4		21.2	16.3	15.9	13.4	16.7	16.5
F8	38	19	14.5	9.7	12.5	6.3		34.4	18.7	16.9	10.2	11.1	8.7
T4	20.7	12	8.9	8.6	18.3	31.4		18.2	13.1	9.2	8.3	27.3	23.8
T6	29	16.4	14.4	18.7	14.5	7		22.4	18.7	18.4	12.8	17.1	10.7

BASELINE								READING					
LOCATION	DELTA 1	DELTA 2	THETA	ALPHA	BETA 1	BETA 2		DELTA 1	DELTA 2	THETA	ALPHA	BETA 1	BETA 2
F7	32.8	24.8	15.8	11	8.1	7.5		38.9	21.5	16.3	9.2	8	6.1
T3	23.5	18.9	13	9.2	14.6	20.8		27.7	20.2	13.8	10.2	11.2	16.9
T5	27.8	23.4	17.9	13.6	6.6	10.7		23.6	21.9	15.6	10.5	11.5	16.9
FP1	29.1	24.5	16.6	10.4	10.4	9		33	22.4	16.8	11.3	9.6	7
F3	25.5	29	20.4	12	7	6.1		29	24.3	18.5	12.3	9.3	6.6
C3	28	25.3	21.1	14.8	5.1	5.8		22.7	25.3	19.1	21.2	5.7	6
P3	33	24.9	16.2	14	4.5	7.3		24.5	25.1	18.2	14.9	7.6	9.6
O1	33.4	23.5	16.7	15.2	5.7	5.5		25.1	19.6	16.5	12.6	11.8	14.4
FZ	29.2	28.5	21.2	10.8	6.2	4.1		31.5	23.9	19.3	12.7	7.8	4.8
CZ	30.5	27.7	22.1	12.7	4	3		28	26.3	21.4	15.5	5.2	3.5
PZ	37.7	27.6	14.9	13.7	3.4	2.7		30.7	26.8	17.7	14.4	6.1	4.3
FP2	28.7	22.1	17.8	10.3	9.1	12		36.6	21.6	16	10.4	8.4	7
F4	29.4	27	20.6	11.2	6.4	5.3		31.6	23.9	19	12.1	7.5	5.9
C4	31.5	27.4	17.2	14.5	4.5	4.9		27.9	24.6	18.8	16.7	6.3	5.8
P4	37.3	27.1	15.3	12.5	3.9	3.9		31	26	17.2	13.9	6.1	5.8
O2	37	23	14	17.1	5	3.9		28.4	19.7	16.6	13.9	10.4	11
F8	28.9	22.5	17	12.3	8.6	10.7		35.5	22	14.2	10.7	8.4	9.2
T4	27.5	21.8	14.7	11.9	10.2	13.9		26.9	20.2	13.7	13.8	10.3	15
T6	36.8	24.5	15.3	12.9	5.5	5.1		30.7	25.3	15.8	13.7	7.1	7.5
DRAWING								RAVENS					
LOCATION	DELTA 1	DELTA 2	THETA	ALPHA	BETA 1	BETA 2		DELTA 1	DELTA 2	THETA	ALPHA	BETA 1	BETA 2
F7	32.4	20.9	16	14.6	8.3	7.7		33.2	29	15.4	9.1	7	6.4
T3	20.3	14.3	12.3	11.7	16.2	25.3		26.7	17.3	15.3	9.3	11.5	19.9
T5	19.9	14.9	11.4	12.5	16.4	24.9		25.6	21.1	15.5	14.1	10.4	13.3
FP1	29.7	20.6	18.1	13.7	8.4	9.5		31.8	29.4	15.7	10.4	6.4	6.2
F3	26.4	23.1	22.5	14.6	7.6	5.8		30.1	28.4	18.8	10.7	6.8	5.2
C3	22.2	22.1	24.9	18.8	8.6	5.4		26.4	23.7	18.4	21.2	5.4	4.9
P3	25	19.8	19	18.5	8.1	9.6		33.2	22.4	16.5	15.6	5.7	6.7
O1	22.4	21.4	16.4	13.1	11.4	15.3		28.2	22.8	18.4	11	9	10.7
FZ	27.9	23.1	25.6	13.2	6.3	3.9		28.3	28.6	21	11.7	6.2	4.2
CZ	24.2	19.4	24.3	24.1	4.8	3.2		27.9	26.4	20	18.2	4.3	3.2
PZ	25.1	22.8	19.8	20.2	6.9	5.2		37.7	24.5	15.2	14.6	4.5	3.5
FP2	29.4	19.8	19	13.4	8.2	10.1		30.6	27.5	16.1	9.9	6.7	9.1
F4	25.7	22.9	24.6	14.5	6.8	5.6		28	29.6	19.9	10.6	6.3	5.7
C4	19.3	19.7	24.8	24.9	6.1	5.2		30.4	25.7	18.2	15.3	4.9	5.5
P4	25.4	23.7	18.9	18.1	6.9	7		35.5	24.9	15.6	12.9	5.1	6
O2	24.2	23	15.6	12.7	10.7	13.9		29.9	25.6	19.3	10.1	7.2	7.9
F8	20.9	20.8	19.4	13.7	11.1	14.1		30.6	24	14.4	11.1	8.3	11.6
T4	14.8	12.6	13.1	11.4	13.5	34.5		26.2	21.7	12.3	9.2	11.7	18.9
T6	24	20.1	13.7	12.7	13.5	16.1		30.4	28.8	14.9	10.1	7.2	8.5
STORY								CODING					
LOCATION	DELTA 1	DELTA 2	THETA	ALPHA	BETA 1	BETA 2		DELTA 1	DELTA 2	THETA	ALPHA	BETA 1	BETA 2
F7	37.8	22.1	13.6	11.4	7.5	7.6		29.8	21	17.3	13.8	8.9	9.3
T3	25.5	18.6	13.2	8.8	13	20.9		27.2	18.4	14.3	13.7	11	15.5
T5	23.1	22.8	17.8	16.8	8.4	11.1		25.7	19.5	16.7	12.4	12	13.7
FP1	30.1	20.3	14.6	14.2	9.2	11.7		24.1	18.5	17.3	13.1	11.9	15
F3	32	24.7	16.8	13.7	6.7	6		24.9	23.5	23.3	14	8.2	6
C3	21.6	25.9	18.2	22.8	5.8	5.7		27	24.9	23.3	15.2	4.7	4.9
P3	22.5	26	15.6	21.4	6.5	7.9		29.5	24.7	20	12.8	5.7	7.3
O1	27.2	23.6	18.3	14.3	8.4	8.2		25	20.4	20.8	10.3	10.3	13.2
FZ	32	23.3	19.4	15	6.1	4.2		25.1	23.2	26.8	14.5	6.6	3.8
CZ	25.1	27.6	21.7	15.8	6	3.8		23.3	21.9	28	19.3	4.4	3.2
PZ	28.1	26.6	15.4	19.8	6.2	3.8		33.2	23.6	21.7	13.4	4.3	3.8
FP2	31.6	20.1	15.3	13.8	7.2	11.9		23.9	20.2	16.5	12.4	10.3	16.7
F4	33.7	22.8	17.7	14	6.2	5.7		25.2	23.3	23.5	14.6	7.6	5.8
C4	24.9	26.4	18.1	18.6	5.8	6.2		28.2	20.8	22.9	17.5	5.6	5
P4	29.9	25.9	16	16.5	6.2	5.6		32.8	23.3	20.6	12.5	5	5.8
O2	28.5	25.1	18.3	14.7	7	6.5		29.1	20.4	19.8	10.8	8.4	11.5
F8	33.4	20.2	14.6	11.5	9	11.3		28.9	23	14.5	10.9	10	12.7
T4	23	19.2	14.3	12.7	10.6	20.2		26.2	17.8	13.7	10.1	11.5	20.6
T6	27.8	27.9	17.4	13.7	6.5	6.8		28.8	23.5	17.9	11.1	7.4	11.3

BASELINE								READING						
LOCATION	DELTA 1	DELTA 2	THETA	ALPHA	BETA 1	BETA 2		DELTA 1	DELTA 2	THETA	ALPHA	BETA 1	BETA 2
F7	29.7	21.1	16.3	16.9	9.1	7.1		27.2	20.8	15.8	14.3	12.3	9.6
T3	19	16.6	13.6	17.5	14.1	19.1		17.8	19.4	19.4	15.3	15.1	13
T5	22	19	15.6	30.7	9	3.6		20.6	22.2	18.2	24.5	10	4.5
FP1	28.7	21.3	17.4	16.7	8.9	6.9		25.6	20.8	16.1	16.1	12.5	8.9
F3	21.6	24.2	19.5	18.5	11.5	4.7		22	25.6	18.5	15.8	14.3	3.9
C3	19.1	23.8	18.9	24	10.4	3.8		20	23.4	22	20.2	11	3.4
P3	22.1	19	17.5	31.8	6.9	2.6		18.6	22.7	19.7	28.5	7.7	2.8
O1	20.9	13.5	12	44.1	7	2.4		15.6	20.4	19.3	32.8	8	3.9
FZ	20.7	24.6	19.3	18.9	12.2	4.3		23.4	26.4	18.8	14.5	13.6	3.2
CZ	18.3	22.8	21.2	26.2	8.4	3.1		19.9	23.3	24.2	20.5	9.4	2.6
PZ	19.5	19.5	16.3	36.9	5.7	2.2		16.3	20.8	19.2	35	6.7	2.1
FP2	30.2	20.4	15.2	15.7	9.8	8.7		23.3	19.2	15	14.6	15.3	12.6
F4	22	23	17.5	19.9	12.9	4.8		23.6	24.7	18.8	14.6	13.9	4.4
C4	18.9	20.9	18.4	28.7	9.6	3.4		21.9	21.9	21.6	21	10.8	2.9
P4	19.2	19.8	14.4	37.8	6.4	2.3		17.6	19	18.9	34.5	7.7	2.4
O2	19.2	18	13.1	38.7	7.3	3.8		15.2	21.8	19.3	28.7	8.6	6.5
F8	30.5	20.1	13.6	19.3	9.9	6.8		26	19.9	17.4	13.3	11.9	11.6
T4	19.1	17.9	13.6	24.6	12.2	12.6		14.4	15.8	15.5	15.4	19.1	19.7
T6	15.7	14.5	12.5	46.9	7.1	3.3		16.6	16.6	17.8	36.1	8.3	4.7
DRAWING								RAVENS					
LOCATION	DELTA 1	DELTA 2	THETA	ALPHA	BETA 1	BETA 2		DELTA 1	DELTA 2	THETA	ALPHA	BETA 1	BETA 2
F7	27	19.5	16.5	15.2	11.4	10.4		37.6	20.3	16.5	10.1	7.6	7.8
T3	16.8	16	15.3	14.3	17.9	19.7		21	21.8	15.1	9	13.2	19.9
T5	20.1	22.3	18.2	20.2	12	7.1		30	25.4	17.8	12.7	9.2	5
FP1	31.1	20.8	17	17.8	8.3	4.9		33	24.6	16.5	8.7	7.1	10.1
F3	20	25.6	18.8	18.9	11.9	4.7		29.2	26.4	21.4	10.5	7.7	4.7
C3	19.2	26	22.4	18.7	9.2	4.5		23.6	26.3	25.3	11.5	9.2	4.1
P3	19.9	24	21.9	20.1	9.9	4.3		29.7	26	20	13.4	7.6	3.4
O1	18.7	16.7	15.1	32	10.1	7.4		28.1	22	14	22.2	9.1	4.7
FZ	20.5	25.8	20.3	18.5	10.8	4.1		24.5	29.1	23.5	10.1	8.2	4.5
CZ	20.1	23.6	25.1	20.6	7.1	3.5		21.7	28	28.2	11.1	7.1	3.9
PZ	19.9	20.4	20.7	26.7	8.4	3.9		31.3	28.3	18	13.5	5.6	3.3
FP2	33.2	21.4	14.4	16.4	8.2	6.4		33.1	26	13.9	7.9	8.5	10.7
F4	23.9	24.1	19.1	18	9.8	5.1		28.2	29.2	20.2	8.9	7.8	5.7
C4	20.3	22.4	22.9	22.4	8	4.1		27.4	26.7	23.4	11.5	6.8	4.1
P4	21.1	19.8	19.2	26.9	8.3	4.7		31.3	30.3	16.9	13.1	5.1	3.3
O2	16.7	13.4	12.9	33.6	10.6	12.8		30.9	25	14.9	15.9	6.8	6.5
F8	24.5	16.4	15.2	17.6	12.8	13.5		40	26.3	12.4	7.3	6.6	7.4
T4	16.2	15.1	12.3	19.6	17.5	19.4		26	24.2	12.2	8.9	12.8	15.9
T6	17.6	15.6	13.7	28.9	12	12.2		27.3	31	14.7	15.7	6.6	4.7
STORY								CODING					
LOCATION	DELTA 1	DELTA 2	THETA	ALPHA	BETA 1	BETA 2		DELTA 1	DELTA 2	THETA	ALPHA	BETA 1	BETA 2
F7	26.7	17.8	11.7	11.9	14.6	17.4		26.3	18.8	14.5	17.4	12.7	10.3
T3	21.8	16.8	13.4	14.5	17.4	16.2		20.8	23.3	16.1	18.4	13.2	8.2
T5	25.2	19.2	14.3	28.1	8.7	4.6		21.5	24.8	15.1	21.9	12	4.8
FP1	30.9	21.6	13.3	11.8	11.4	11		28.9	21.2	15.9	18.4	9.5	6.1
F3	27.8	23.7	17.6	15.3	11.7	3.8		22.2	26.6	18.1	17.9	11.8	3.4
C3	24.6	20.9	19.7	19.9	11.1	3.8		19.7	29.6	19.1	18.6	9.8	3.1
P3	24	18.8	16.3	30.5	7.6	2.8		20.7	25.8	18.4	23.5	8.2	3.4
O1	21.2	14.6	12.4	40.7	7.5	3.8		17.7	19.6	15.7	29.7	10	7.2
FZ	25.5	25.1	18.1	15.3	12.6	3.5		21.9	27.4	19	17.1	11.3	3.3
CZ	23.6	20.6	24	20.5	8.5	2.8		18.4	26.8	23.5	18.9	9.3	3
PZ	22.5	17	17.7	33.8	6.7	2.3		20.8	23.5	17.9	27.1	7.6	3.2
FP2	26.5	17.7	11.2	10	17.2	17.3		24.3	18.8	14.3	18.3	13.4	10.9
F4	23.3	24.5	16.9	15.6	14.2	5.5		21.7	25.9	18.2	18.2	11.7	4.4
C4	21.7	21.1	20.9	23.5	9.7	3.1		21.7	24	19.5	22.1	9.3	3.3
P4	23	17.5	16.3	34.2	6.5	2.5		23.5	20.2	16.4	27.9	7.9	4
O2	23.2	17.2	13.6	29.4	9	7.6		17.1	17.9	13.3	27.5	11.2	13.1
F8	21.7	17.2	12.9	12.8	15.9	19.5		22.9	18.2	14.6	17.3	14.4	12.6
T4	14.8	13.3	11.7	15.4	22.5	22.4		20.4	19.2	13.3	17	16.7	13.4
T6	21.2	15.7	13.8	36	8.4	4.9		21	16.3	12.5	32	10	8.2

BASELINE								READING					
LOCATION	DELTA 1	DELTA 2	THETA	ALPHA	BETA 1	BETA 2		DELTA 1	DELTA 2	THETA	ALPHA	BETA 1	BETA 2
F7	28.2	33.3	19.1	7.8	7.9	3.7		34.8	27.1	18.4	8.3	6.9	4.4
T3	28.5	22	15.2	6.2	15.1	13		28.6	27	20.8	10.2	7.5	6
T5	32.6	28.3	19.6	9.7	7.6	2.3		29.1	28.8	21.8	9.7	6.6	3.9
FP1	29.4	33.3	18.5	8.4	6.7	3.7		39.2	26.6	17.8	5.7	6.3	4.4
F3	20.3	33.4	25.7	9.4	7.7	3.4		25.8	29.5	25.8	8.5	6.5	3.8
C3	25.3	29.1	26.3	7.6	9.3	2.5		26.1	27	26.5	9.5	8	2.9
P3	23.5	30.9	25.8	9.3	8.7	1.8		27.4	27.3	25.9	9.7	7.4	2.4
O1	31	32.8	15.5	11.4	7.7	1.6		28.6	27.6	19.7	11.9	8	4.2
FZ	18.9	35.5	27.6	8.5	7	2.5		27	30.9	26.5	7.2	5.8	2.6
CZ	26.7	31.6	26.6	8	5.6	1.4		26.3	27.7	32.3	7	4.8	1.9
PZ	26.4	32	24.2	9.5	6.6	1.3		26.8	28.3	26.8	8.7	7.4	2
FP2	28.7	31.8	19.3	8.2	7.7	4.3		38.2	21.4	17.5	5.9	8.4	8.5
F4	21.9	34.5	23.7	8.5	8.1	3.3		25.2	30.5	24.1	7.6	7.7	4.9
C4	24.9	29.1	26.6	8.6	8.7	2.1		25.1	27.6	29.9	7.7	7.4	2.2
P4	29.6	30.7	20.6	10	7.4	1.6		27.3	26.7	28.2	7.8	8	2.1
O2	29.8	34.8	15.4	10.3	8.1	1.7		28.2	28.3	20.1	11.7	8.1	3.6
F8	22.1	35.8	20	9.3	8.1	4.7		33.1	25.8	20.8	7.9	7.2	5.2
T4	28.1	35.7	18.7	8.1	6	3.4		29.7	29.8	24.3	7.4	6	2.7
T6	30	33.2	17.8	9.6	7.3	2.1		30.7	28.2	24.7	6.9	7.1	2.4
DRAWING								RAVENS					
LOCATION	DELTA 1	DELTA 2	THETA	ALPHA	BETA 1	BETA 2		DELTA 1	DELTA 2	THETA	ALPHA	BETA 1	BETA 2
F7	39	21.6	19.9	8.6	6	4.8		42.5	27.1	15.5	7	5.6	2.2
T3	29.2	25.3	22.6	9.4	6.9	6.6		31.4	24	16.2	8.2	11.1	9.1
T5	26.5	27.1	20.1	8.3	9.5	8.5		31.3	24.9	19	11.2	8.4	5.1
FP1	37.7	22.8	21.4	8.2	5.3	4.6		44.5	26	16.5	6.3	4.9	1.8
F3	26.9	26.4	26.8	9.3	6.5	4.2		33	28.1	21.4	8.2	7	2.2
C3	23.6	25.4	28.7	11.2	7.4	3.7		25.5	28.9	24.7	9.1	9.1	2.7
P3	23.9	34.4	22.7	9	6.5	3.5		34.9	27.4	19.8	8.4	7	2.6
O1	26	32.3	17.6	10.2	8	5.9		35.3	24.5	19.5	9.7	7.6	3.3
FZ	21.9	29.7	31	8.7	5.7	2.9		31.9	30.9	20.3	8.1	6.7	2.1
CZ	20.3	31.6	32.7	8	5	2.5		29.4	29.7	25.8	7.5	5.6	1.8
PZ	23.6	35	23.1	9.3	6.2	2.7		36.4	28.8	20.7	6.6	5.6	1.8
FP2	32.4	19.4	18.8	7.5	9.5	12.5		45.2	24.8	15.9	6.6	5.2	2.3
F4	22	25.2	27.2	9.3	9.2	7.1		30.9	30	21.3	8.2	7.1	2.6
C4	21.9	30	28.1	9.1	7.9	2.9		29.1	26.5	27.9	6.8	7.5	2.2
P4	25.6	30.7	23.2	10.8	6.5	3.2		39.3	28.2	19.3	5.8	5.6	1.9
O2	25.5	32.7	19	10.1	7.4	5.3		37.8	24.4	19.8	8.9	6.3	2.8
F8	24.9	24.3	23	9.9	10	7.9		35.3	27.1	17.8	8.9	7	3.9
T4	27.7	29.1	23.7	8.4	7	4.2		32.5	29.3	18.9	7.9	7.3	4
T6	26.9	25.7	21.3	10.2	9.4	6.5		39.6	26.1	17.7	6.8	6.1	3.8
STORY								CODING					
LOCATION	DELTA 1	DELTA 2	THETA	ALPHA	BETA 1	BETA 2		DELTA 1	DELTA 2	THETA	ALPHA	BETA 1	BETA 2
F7	37.9	24.1	20.4	8.9	5.9	2.9		36.2	29.7	17.8	6.2	5.7	4.4
T3	30.8	22.8	23.4	9.1	7.2	6.7		31.2	26	17.1	7.4	7.6	10.7
T5	41	21.2	22.3	7.4	6.2	1.9		31	21.5	17.2	9.9	11.2	9.2
FP1	40.8	25.1	20	6.4	5.3	2.4		35.7	25.2	21.2	7.2	5.9	4.9
F3	29.3	28.1	25.7	7.9	6.3	2.6		26.3	30.8	26.7	6.6	6.2	3.4
C3	27.7	27.9	27.2	7.1	8.1	2		28.6	31.1	24.2	6.5	6.3	3.3
P3	31.6	25.4	25.5	9	6.8	1.7		32.6	29.9	20.3	9.4	5	2.8
O1	33.2	28.9	17.9	10.7	7.5	1.8		34.3	25.7	17.3	10.7	5.8	6.1
FZ	29.2	29	26.8	7.6	5.2	2.2		27.3	30.5	28.9	6	4.9	2.3
CZ	27.5	28.5	30	6.4	5.7	1.8		32.4	29.7	26.1	6.3	3.5	2
PZ	28.2	28.2	25.5	9.6	7.2	1.3		32.5	31.9	22.4	6.8	4.1	2.3
FP2	38.5	25.9	21.5	5.9	5.3	3		33.1	24.4	17.7	7.7	8.3	8.8
F4	28.7	28.8	25	7.8	6.4	3.3		27.7	31	24.7	6.4	6.4	3.8
C4	28.8	27	27.1	7.4	7.6	1.9		28.9	31.1	25.7	5.2	6.7	2.4
P4	31.8	26.9	21.9	9.7	8.2	1.5		35.3	31.5	19.4	6.6	4.6	2.6
O2	36.5	28.8	16.1	9.2	7.8	1.6		33.3	28.1	18.6	9.4	4.7	5.8
F8	33.1	27.3	21.7	7.6	6.2	4		34.9	27.2	19.3	8.1	6.7	3.7
T4	33	33.3	19.9	6.7	5	2.2		37.7	27.9	19.2	6.3	5.5	3.5
T6	36.1	26.6	18	9.7	7.3	2.1		33.1	26.6	18.9	7.6	7.9	5.9

BASELINE								READING					
LOCATION	DELTA 1	DELTA 2	THETA	ALPHA	BETA 1	BETA 2		DELTA 1	DELTA 2	THETA	ALPHA	BETA 1	BETA 2
F7	32.8	18.9	18.6	9.3	12	8.5		28.9	21.3	22.2	8.5	10.2	9
T3	17.8	13.5	19.7	10.5	19.6	18.8		16.8	14.1	15.1	8.7	21.5	23.7
T5	24	16.7	22.5	16.1	16.5	4.2		21.1	16.5	29.4	17.4	11.1	4.4
FP1	27.1	22.5	20.5	11.1	13.3	5.5		21.4	24.7	26.3	9.9	11.4	6.3
F3	24.5	18.9	26.1	14.4	12.3	3.9		18.4	23.2	31.7	12.3	10.5	3.9
C3	21.5	15.7	25.8	21.9	12.1	3		16.6	20.9	30.5	19.6	9.4	3.1
P3	25.5	16.2	22.2	17.9	14.6	3.6		20	16.4	30.5	19.7	9.9	3.5
O1	12.1	13.2	13.9	19.6	18	23.3		16.8	12	21.4	20.7	14	15
FZ	25	19.6	25.8	15	11.4	3.2		16.6	22.6	34.1	13.8	9.4	3.4
CZ	19.2	15.3	28.3	25.1	9.7	2.4		13.7	19.5	35.1	21.7	7.5	2.6
PZ	22.4	16.3	24.7	23.7	10.3	2.6		17.2	14.2	32.7	26.5	7.3	2.1
FP2	27.3	23.4	19.2	10.6	13.1	6.4		29.7	22.2	21.7	9	11.2	6.1
F4	25.5	20.8	24.4	14.1	10.3	4.8		21.3	20.3	29.6	12.6	11.3	4.9
C4	19.8	14.6	25.1	27.3	10.3	3		16.3	19.5	29.5	20.7	10.3	3.7
P4	19.5	13	24.2	30.6	9.4	3.3		15.5	14.7	30.9	25.8	9.5	3.6
O2	10.2	11.2	14.2	20.6	16.9	26.9		10.6	7.7	15.5	19	16.7	30.5
F8	30.3	23.8	17	9.8	11.3	7.9		31.6	20.5	19.6	8.8	10.7	8.8
T4	11.8	11	9.8	9.8	21.8	35.9		8.7	7.1	12.1	7.1	19	46.1
T6	16.9	14.5	25	25.5	13.1	5		15.3	15.5	31.2	18.4	13.3	6.4
DRAWING								RAVENS					
LOCATION	DELTA 1	DELTA 2	THETA	ALPHA	BETA 1	BETA 2		DELTA 1	DELTA 2	THETA	ALPHA	BETA 1	BETA 2
F7	27.3	22.5	20.6	8.7	12.2	8.7		37	24.2	16.2	6.6	10.3	5.8
T3	17.5	16.1	25.4	9.6	20.2	11.2		21.5	21.4	19.4	9.5	17.5	10.8
T5	21	20.7	26.9	12.6	13.3	5.6		29.6	22.8	18.8	10.3	14.3	4.2
FP1	31.7	19.9	24.6	9.5	10	4.3		32.7	25.8	19.7	7	10.8	4
F3	23.2	20.7	31.4	9.6	10.9	4.3		25.6	25.2	25.9	8.2	11.3	3.8
C3	19.1	22.8	28	16.9	10	3.2		24.5	24.3	22.6	14	11.3	3.2
P3	22.7	21.2	26.3	12.9	12.1	4.8		28.2	24.6	20.5	11.2	12.4	3.1
O1	10.8	11	12.3	17.9	18.4	29.7		25	25.4	19.6	10	13.7	6.3
FZ	25.1	19.9	33.2	10.2	8.5	3.1		26.5	26.8	25.1	8.4	10	3.2
CZ	20.8	24.4	29.8	13.2	8.7	3.1		25.3	26	25.7	11.4	9.2	2.5
PZ	23.6	22.4	25.6	14.2	10	4.1		28.1	25.1	24.5	11.1	8.7	2.4
FP2	32.3	21	23.2	9.1	9.9	4.5		34	27.4	17.8	6.9	9.7	4.2
F4	26.6	19.3	30.4	10.5	8.9	4.3		24.1	28.7	23.5	9.9	9.9	3.8
C4	19.7	23.2	31	11.9	10.2	4		26.2	21.8	21.4	16.4	11	3.1
P4	24.3	21.6	24.1	13.1	11.2	5.8		28.4	23.9	22.4	12	10.3	3.1
O2	10.1	10.5	11.8	17.1	18.3	32.3		21.6	21.9	19.1	10.9	14.5	12
F8	25.5	21.5	23.7	10.5	10.9	8		34.7	24.7	15.6	7.7	10.1	7.2
T4	16.7	17	20.3	11.9	19.7	14.4		17.4	13.8	9.6	8	25.6	25.6
T6	22	19.1	23.2	13.4	15.2	7.1		25.2	18.7	17.9	12.1	18.4	7.8
STORY								CODING					
LOCATION	DELTA 1	DELTA 2	THETA	ALPHA	BETA 1	BETA 2		DELTA 1	DELTA 2	THETA	ALPHA	BETA 1	BETA 2
F7	30.5	20.7	19.4	10.2	10.5	8.8		32.3	22	19.6	8.3	10.1	7.8
T3	15.1	10.4	12.5	8.9	23.5	29.5		21.1	18.5	21.3	9.2	20	10
T5	26.4	17.2	21.9	18.3	12.2	3.9		21.5	20.8	24.3	14	13	6.4
FP1	26.3	24.7	22.2	11.7	9.3	5.9		30.1	20.6	25.1	8.7	10.7	4.7
F3	24.1	19.8	28.6	14	9.8	3.7		26.5	21.7	27.8	9.9	10	4.1
C3	22.4	16.5	24.7	24.2	9.4	2.8		22.7	20.7	26.4	17.1	9.2	3.9
P3	25.9	15.1	22.9	23.4	9.9	2.8		22.7	20.6	24	14.8	11.8	6.1
O1	17.1	12.8	17.1	20.4	16.2	16.4		10.8	10.9	11.4	17.9	18.4	30.7
FZ	23.2	19.9	28.5	16.8	8.6	2.9		25.9	21	31.1	9.8	8.6	3.6
CZ	19.9	14.3	26.5	29.9	7.5	1.9		22.6	21.2	30.6	13.5	8.8	3.3
PZ	21.5	12.1	24.9	32.6	7.1	1.8		24.9	18.7	26.3	15.5	10	4.6
FP2	26.4	25.3	21	11.9	9.2	6.3		31.2	19.9	24.1	8.7	11.3	4.9
F4	23.7	22.2	24.3	16	9.7	4.1		26.5	20.5	29.1	9.6	9.6	4.7
C4	18.8	15.4	23	29.6	9.9	3.3		24.2	20.9	28.6	12.2	10.3	3.8
P4	19.8	13.1	22.1	33.3	9.1	2.5		22.6	18.6	25.5	14.2	12	7.1
O2	14	14.1	14.9	21.1	16.4	19.6		8.7	8	10.4	17.2	18.4	37.4
F8	30.7	19.9	18.6	12	10.4	8.4		29.3	18.9	23	9.7	10.8	8.3
T4	11.4	6.9	7.4	8.2	16.6	49.5		22.7	18.9	21.4	11.3	17.9	7.9
T6	18.5	18.3	21.1	22.4	14.3	5.4		21.4	19.2	23.7	13.5	14.9	7.3

BASELINE								READING					
LOCATION	DELTA 1	DELTA 2	THETA	ALPHA	BETA 1	BETA 2		DELTA 1	DELTA 2	THETA	ALPHA	BETA 1	BETA 2
F7	49.8	21.2	12.9	8.8	4.8	2.4		49.3	24.1	13.3	7	4	2.3
T3	27.8	22	15.6	13.3	11	10.2		30.2	24	17.3	11.4	9.1	8.1
T5	30.7	24.6	14.2	21.5	5.5	3.5		28.7	22.1	20.8	15.2	6.9	6.4
FP1	42.8	22.7	13.4	11.3	6.2	3.6		46.9	24.6	13.8	7.9	4.5	2.2
F3	41.1	24.7	15.7	10.7	5.2	2.6		40.7	24.1	16.9	9.6	5.4	3.3
C3	26.2	19.2	16.5	31.5	4.6	2		35.4	20.9	20.8	15.6	5	2.3
P3	30.9	25.7	14.6	23.1	4.1	1.6		35.1	21.2	22.6	14.2	4.3	2.6
O1	24.3	20.1	12.9	25.7	7.8	9.1		22.1	18.2	14.6	16.3	11.8	17
FZ	36.8	28.2	16	12.8	4.3	1.9		37.8	25.7	20.5	10.1	4	1.8
CZ	30.1	22.4	21.9	19.4	4.4	1.9		30.2	23.2	26	15.1	3.8	1.7
PZ	33	22.3	16.8	22.6	3.8	1.4		34	21.8	22.4	16.4	3.7	1.7
FP2	40.7	21.8	11.7	11.6	7.8	6.3		44.7	24.6	15.4	8.4	4.5	2.4
F4	39.5	22	13.8	12.1	7.5	5.1		36.1	26	21.2	10	4.5	2.3
C4	28.5	14.7	16.7	32.9	4.7	2.4		29.8	23.3	23.5	16.3	4.8	2.2
P4	32.2	22.5	16.1	23.7	4.1	1.5		34.7	23.2	22.2	13.7	4.2	1.9
O2	29.2	20	15.2	28.2	5.2	2.3		29.3	26.5	17	14.5	6.3	6.4
F8	42	23.5	10.9	12.9	6.4	4.3		41.9	24	16.6	9.8	5	2.8
T4	28.3	18.3	13.5	14.4	13.2	12.4		23.3	14	12.1	9.2	21.5	20
T6	35.1	17.1	18.7	21.8	5.1	2.1		30	21.2	23.4	15.1	6.6	3.7

DRAWING								RAVENS					
LOCATION	DELTA 1	DELTA 2	THETA	ALPHA	BETA 1	BETA 2		DELTA 1	DELTA 2	THETA	ALPHA	BETA 1	BETA 2
F7	40.4	24.6	15.2	10.2	6.3	3.3		48.3	24.9	12.9	7.2	4.7	2
T3	30.3	23.1	18.5	11.2	10	6.8		29.1	25	15.7	11.6	9.8	8.8
T5	30.6	20.8	15.2	12	11.9	9.5		34.1	20.6	20.7	14	6.5	4.1
FP1	40.3	23.7	16.9	10.6	5.5	3.1		43.7	25.4	17.2	8	3.8	2
F3	36.7	21.7	17.8	12.5	6.9	4.3		37.7	22.7	20.5	10.3	5.6	3.2
C3	30.8	25.3	21.6	14.2	5.2	2.9		36	19.1	19.4	19	4.8	1.8
P3	34.2	27	17	12.6	5.6	3.5		42.6	20.2	17.8	13.3	4.6	1.6
O1	23.9	15.7	10.6	17.3	15.6	16.9		36.5	23.9	17	11.9	6.7	3.9
FZ	37.3	23.1	20	12.5	4.8	2.3		36	22.1	23.2	12	4.8	1.8
CZ	30.3	23.1	21.7	18.4	4	2.4		39.7	21.6	19.9	13.2	3.9	1.6
PZ	34.5	26.1	16.1	16.5	4.3	2.4		44	22	17.4	11.1	4.2	1.3
FP2	40.3	23.7	17.3	10.2	5.7	2.9		42.7	24	17.4	9.5	4.4	2
F4	37.1	23.4	19.6	11.2	5.6	3		37.1	22.4	20.5	10.8	6	3.1
C4	29.5	23.7	21.5	16.9	5.2	3.2		36.9	19.3	17.6	18.9	5.2	2.1
P4	36.9	25.6	15.9	13.5	5	3.1		40.6	22	17.7	13.3	4.8	1.6
O2	24.2	18.8	10.5	17.3	13.2	16		35.5	25.6	18	12.8	5.8	2.3
F8	35.1	23.5	18.1	11.8	7.6	4		44.3	21.3	16	10.6	5.1	2.6
T4	18.9	14	10	9.6	25.6	21.9		30.7	17.5	11.8	10.2	14.7	15.1
T6	29.1	22.9	13	13.4	12.4	9.2		34.8	22.7	16.5	15.7	7.1	3.1

STORY								CODING					
LOCATION	DELTA 1	DELTA 2	THETA	ALPHA	BETA 1	BETA 2		DELTA 1	DELTA 2	THETA	ALPHA	BETA 1	BETA 2
F7	48.6	21.6	12.3	8.4	5.3	3.8		49.6	20	16	7.8	4.4	2.3
T3	29.5	19.4	11	12.1	12.1	16		47	17	15.6	10.5	6.1	3.8
T5	22.3	22.3	21.6	23.2	7.5	3		34	22	17.7	16.1	6.1	4.1
FP1	37.4	13.2	8.3	7.4	11.9	21.8		42.4	20.5	17.3	9.9	5.9	4
F3	36.2	22.4	14	11.2	8.2	8		37.8	19.7	21.3	9.6	6.9	4.6
C3	33.9	20.7	14.7	23.5	4.9	2.3		34.2	22.7	20.8	14.7	5.1	2.5
P3	34.9	24.8	14.2	19.9	4.5	1.7		34.7	25.1	19.9	14	4.2	2.1
O1	27.4	26.6	16.2	23.5	4.4	2		26.7	25.8	17.9	14.5	8.7	6.4
FZ	37.6	25.4	15.8	13	5.3	2.8		33.4	24.1	23.5	11.8	5	2.2
CZ	30.5	24.2	16.7	23.2	3.8	1.6		32.5	20.7	22.2	18	4.6	1.9
PZ	34.4	21.7	15.2	24.1	3.5	1.1		35.4	26.2	19.1	13.4	4.4	1.6
FP2	39.4	18.2	11.2	10.6	9.5	13.1		40	23.2	17.1	9.6	6	4.1
F4	33.1	19.9	14.1	12	11.2	9.7		32.5	23.2	22.8	10.5	6.9	4.2
C4	33.4	17.5	13.5	29.2	4.3	2.1		32.6	24	20.6	15.6	5.1	2.1
P4	36	23.8	15.3	20.3	3.5	1.3		35.7	25.6	19.5	11.9	5.1	2.1
O2	28.8	29.5	15.6	20.3	4.1	1.7		24.9	21.8	16.2	16.9	9.8	10.4
F8	39.5	21.1	15.3	12.2	7.3	4.8		40	20.7	18.7	9.2	7	4.4
T4	30.2	15.9	12.4	16.9	9.6	14.9		26.4	16.4	16.9	10.3	15.8	14.1
T6	32.3	24.8	18.4	17.6	4.9	2.1		31.1	22.2	21.1	12.9	7.8	4.8

BASELINE								READING					
LOCATION	DELTA 1	DELTA 2	THETA	ALPHA	BETA 1	BETA 2		DELTA 1	DELTA 2	THETA	ALPHA	BETA 1	BETA 2
F7	29.1	19.7	19.2	15.4	9.8	6.8		27.9	25.3	22.4	8.9	9.8	5.8
T3	20	13.8	12.9	13.6	10.8	28.9		29.6	23.2	20.2	11.3	9	6.7
T5	26.5	17.8	18.8	20.4	9.4	7.1		20.9	18.9	23.3	14.2	10.3	12.3
FP1	29.4	25.2	17.7	15.3	7.7	4.8		32.5	25.3	21.1	8.1	8.7	4.3
F3	26.1	25.4	21.5	14.4	8.3	4.4		26.1	26.3	24.8	8.9	9.1	4.8
C3	25.7	22.5	22.4	18.7	7.5	3.2		24.4	24.4	26	11.5	9.8	4
P3	32.1	17.9	17.7	22.2	7.5	2.5		25.9	23.7	23.6	13.2	9.1	4.5
O1	26.8	16.6	11.7	34.1	8	2.9		15.7	16.3	23.6	17	11.5	15.8
FZ	27.2	27.2	21.4	14.5	6.8	3		29.2	26.5	24.8	8.6	7.6	3.3
CZ	24.5	23.5	23.6	19.4	6.4	2.5		25.4	26.3	25	12.1	7.9	3.4
PZ	29.4	17.5	19.8	24.9	6.5	2		26.9	24.7	23.8	13.1	8.1	3.4
FP2	28.6	26	16.7	15.5	8.5	4.8		32.6	24.8	20	8.7	9.2	4.8
F4	25.5	26.7	19.8	15.5	8.1	4.3		29.7	25.8	22.2	9.1	8.9	4.3
C4	23.3	24.5	21.7	20.4	7	3.1		25.1	24.8	22.8	13.5	9.6	4.2
P4	26.3	17.7	20	26.6	7.1	2.3		26.9	24	22.5	14.2	8.9	3.4
O2	22.7	13.6	11.7	42.8	7	2.2		22.4	20.9	25	15.7	9.1	6.9
F8	28.2	24.4	16.8	14.4	9.3	6.9		32.6	22.4	18.4	10.1	10	6.2
T4	22.7	23.4	19.1	18.2	9.4	7.3		25.4	20.7	19	17.4	11.9	5.8
T6	22.9	15.9	17.3	29.4	8.4	6		23.7	20.8	20.9	19.2	9.2	6.3
DRAWING								RAVENS					
LOCATION	DELTA 1	DELTA 2	THETA	ALPHA	BETA 1	BETA 2		DELTA 1	DELTA 2	THETA	ALPHA	BETA 1	BETA 2
F7	28	22.9	20.4	12.8	8.9	7		39.2	24.6	16.5	8.7	7.3	3.7
T3	26.9	23.2	14.1	13.9	9.9	12		28.9	17.5	14.7	9.5	10.3	19.1
T5	21.2	18.8	15.3	12.9	13.3	18.5		33.7	19.7	15.5	10.6	10.4	10.2
FP1	25.4	28	23.7	12.4	6.6	3.9		42.2	23.7	19	8.4	4.7	2.1
F3	25.8	22	25.7	14.8	7.2	4.5		30.2	24.5	23.4	11.2	7.2	3.4
C3	28	21.7	25.1	15.4	6.1	3.8		30	25.1	23.1	12.3	6.1	3.4
P3	29.9	22.8	21.4	13.4	7.8	4.7		36.1	25.1	17.4	9.6	6.7	5
O1	23.4	16.8	13.5	14.2	13	19.1		27.7	20.1	16.6	11.7	10.3	13.8
FZ	24.9	24.8	26.3	14	6.7	3.3		32.9	23.5	26.6	9.2	5.4	2.4
CZ	27.5	22	25	16.7	5.4	3.4		30	25.5	22	12.6	6.3	3.5
PZ	29.6	23.6	20	15.4	7.2	4.2		39.1	22.9	16.1	11.7	6.7	3.6
FP2	25.8	26.3	22.8	13.2	7.5	4.4		40.4	23.3	21.3	7.5	5	2.4
F4	25.7	23	24	14.7	8	4.6		32.9	22.3	24.9	9.4	7.2	3.3
C4	25.3	22.1	24.7	18	6	3.9		29.1	21.8	23.5	14.1	8	3.5
P4	29.9	24.5	19.9	14.8	6.6	4.4		35.4	22	19.2	11.6	7.9	3.8
O2	27.4	20.7	13.7	14.1	11.2	12.9		32.5	23.9	17.4	11.4	7.5	7.2
F8	25.9	22.7	21.5	14.8	9	6		35.2	21.3	22.6	8.7	7.8	4.3
T4	21.8	25.1	18.6	19.6	9	6		29.2	17.6	22.5	14.2	10.1	6.4
T6	24.3	24.6	17.6	14.9	11.4	7.2		32.4	22.1	18.6	11.7	9.1	6.1
STORY								CODING					
LOCATION	DELTA 1	DELTA 2	THETA	ALPHA	BETA 1	BETA 2		DELTA 1	DELTA 2	THETA	ALPHA	BETA 1	BETA 2
F7	23.8	23.5	22.8	11.7	10.7	7.4		25.5	24	21.4	11.7	10.1	7.3
T3	23.2	23.8	18.7	11.9	11.6	10.7		29.2	23.7	16.3	14.7	8.7	7.3
T5	23.7	18.3	19.9	19.5	10.2	8.4		21.3	19.3	15.6	15.2	11.3	17.3
FP1	30.3	25.5	21.3	10.9	8.1	3.9		31.2	25.4	22.3	10	7.1	4
F3	25.8	22.4	24.4	12	10.6	4.7		31.1	24.1	21.8	10.8	7.5	4.6
C3	24.5	23.7	26.6	13.7	8.1	3.2		27.6	22.4	23.6	14.8	8	3.6
P3	22.8	21.1	23.6	20.8	8.2	3.5		27.9	22.3	21.8	13.4	9.5	5
O1	20.1	13.6	13.2	29.2	11.2	12.7		17.7	17.7	14.5	14.8	15.8	19.5
FZ	28.1	24.3	23.9	12.5	8.3	3		32.6	26.3	21.8	10	6.3	3
CZ	23.6	23.2	26	17	7.2	2.9		28.2	22.4	24.9	14.5	7.1	3
PZ	26.2	19.5	19.5	24.9	7.4	2.5		30.7	22.2	21.1	15	7.5	3.5
FP2	28.1	25	22.7	11.1	9	4.2		32.1	25.1	20.3	10.3	7.5	4.6
F4	26.7	24.7	23.1	12.3	9.4	3.8		32.6	25.9	20.4	10	7.3	3.9
C4	23.2	22.4	23.9	19.2	8.2	3.2		28.9	21.1	24.5	15	7.1	3.5
P4	23.4	17.8	20.7	27	8.3	2.8		29.5	22.6	21.2	14.5	8.1	4.1
O2	22.5	15	13.5	34	9.2	5.9		22.1	20.2	16.1	15.8	12.6	13.1
F8	28.5	24.4	20.6	11.1	10.4	5		31.4	22.2	19.7	10.9	10.1	5.7
T4	24.5	21.3	21.9	17.2	9.6	5.5		25.6	20.3	20.9	16.4	11.2	5.5
T6	19	18.3	20.4	28.3	8.4	5.7		25.3	21.7	18.8	16.7	10.7	6.8

BASELINE								READING					
LOCATION	DELTA 1	DELTA 2	THETA	ALPHA	BETA 1	BETA 2		DELTA 1	DELTA 2	THETA	ALPHA	BETA 1	BETA 2
F7	24.8	22.3	28.8	7.8	6.1	10.2		28.4	24.5	24	8.9	6.6	7.7
T3	18.8	21.7	36.2	15.2	3.8	4.2		21	26.1	32.8	9.7	4.3	6.1
T5	19	19.6	33.3	18.5	6.7	2.9		20.6	21.1	29	14.6	6.7	8.1
FP1	26.3	18.8	18.2	5.4	11.3	20		21.7	26.2	26.6	10.2	7.9	7.4
F3	25.1	24.1	30.8	8.1	4.8	7		20.1	24.5	33.8	10.9	5.6	5.1
C3	21.9	17.3	39.7	13.2	4.2	3.8		19.5	24.1	33.5	13.6	5.3	3.9
P3	19.7	16.2	36.1	20.2	5.8	2		17.9	21.9	32.8	18	5.2	4.2
O1	15.9	21	31.7	20.9	6.7	3.8		14.4	19.3	28.9	14.3	8.5	14.6
FZ	27.5	23.8	30.1	9.9	4.9	3.8		18.9	24.1	37.4	11.4	5	3.1
CZ	21.9	20.9	39.8	12	3.1	2.2		18.8	23.1	39.7	12.2	3.8	2.4
PZ	22.9	18.1	37.5	15.4	4.4	1.6		18.7	20.2	36.6	17.3	4.4	2.8
FP2	35.5	22.1	21.6	7.4	5.5	7.9		24.1	28.8	27.1	10.5	5.5	3.9
F4	28.2	24.2	28.2	9.8	5.2	4.5		20.9	25.5	34.2	11.1	4.8	3.6
C4	23.8	22.7	31.9	13.5	3.9	4.2		22.1	25.6	33.6	11.3	4	3.3
P4	21.3	19.8	33.8	18.5	4.3	2.4		20.1	22	33.3	15.5	5	4.1
O2	16	25	30.1	17.8	6.4	4.7		15.6	21.5	28.1	13.6	8.1	13.2
F8	26	22.5	21.6	7.1	8.4	14.4		31.7	24.2	24.2	8.5	5.5	5.8
T6	18.4	21.7	31.1	20.4	4.9	3.4		20.5	21.6	34.4	11.6	5.6	6.4
DRAWING								RAVENS					
LOCATION	DELTA 1	DELTA 2	THETA	ALPHA	BETA 1	BETA 2		DELTA 1	DELTA 2	THETA	ALPHA	BETA 1	BETA 2
F7	23.2	25.3	29.7	8.4	6.1	7.5		30	25	24.3	7	5.4	8.4
T3	16.4	22.4	35.4	11.5	6.6	7.6		21.8	21.5	35.7	11.2	4.9	4.8
T5	13.5	18.9	28.6	11.9	11.7	15.3		22.9	23.6	25.9	10.2	8.5	9
FP1	28.3	24.6	28.2	8.5	4.8	5.7		35.2	23.4	21.9	7.2	5.2	7.1
F3	20.8	24.3	35.5	9.2	5	5.1		26.7	23.8	30.8	8.7	5	5.2
C3	21.8	23.3	33.4	11.5	5.4	4.6		27.8	24.1	29.2	10.9	4.2	3.7
P3	19.1	26.3	30.4	11.6	6.7	5.9		31.1	22.6	26.6	9.7	5.3	4.7
O1	16.6	18.4	19.6	12.6	13.4	19.3		23.1	19	19.1	10.5	11.9	16.4
FZ	20	25.7	38.3	8.7	4.1	3.2		27.1	22.2	33.6	9.1	4.8	3.3
CZ	20.2	23.5	38.8	9.8	4.2	3.5		25.8	22.4	36.7	9.1	3.3	2.7
PZ	26	26.3	29.3	9.2	5.1	4.2		32.7	23.9	28	7.5	4.4	3.5
FP2	28.6	24.7	30.1	8.9	4.3	3.4		35.6	24.8	25.1	7.6	4	3
F4	21	25.7	36.8	8.7	4.4	3.5		30	23.2	30.1	8	4.7	4
C4	20.8	24.1	36.2	10.9	4	4		28.7	22.5	31.6	8.5	4.5	4.2
P4	24.1	23.7	31	10.8	5.5	5.1		30.9	21.1	28.3	8.7	6.1	4.8
F8	23.7	23	27.8	8.3	7.5	9.7		36.2	22.5	21.8	7	5.2	7.4
T4	17.7	18.9	32.2	8.1	9.3	13.9		30.4	23.7	26.3	8.1	5.4	6.1
T6	21.7	19.5	29.1	10.1	8.4	11.3		26.8	20.6	28.7	10	6.9	6.9
STORY								CODING					
LOCATION	DELTA 1	DELTA 2	THETA	ALPHA	BETA 1	BETA 2		DELTA 1	DELTA 2	THETA	ALPHA	BETA 1	BETA 2
F7	33.1	17.7	25.9	8.2	7.8	7.3		32.7	28.7	21.4	6.7	4.9	5.6
T3	27.7	22.5	33.1	8	4.3	4.5		18.8	28.5	29.9	10.4	5.5	6.9
T5	28.4	22.2	30.2	12.3	4.6	2.3		17.9	19.1	30.1	13.8	7.9	11.2
FP1	31.2	24.5	21.2	12.3	5.5	5.3		29.4	25.4	25.2	9.5	4.8	5.6
F3	27.8	21.6	29	12.8	4.9	3.9		23.7	26	30.4	8.9	5	6.1
C3	30.3	20.9	30.3	11.3	4.6	2.7		27	26.3	27.9	10.8	4.3	3.6
P3	26.4	20.7	31.2	15	5	1.6		24.5	22.1	28.9	14.7	5.3	4.6
O1	24.9	19.4	31.3	14	6.3	4.1		19.8	16.9	23.5	11.9	11	16.8
FZ	29.2	23	28.1	13.1	4.3	2.3		20.7	25.1	37.1	8.5	5.1	3.6
CZ	22.8	18.8	40.1	12.7	3.5	2.1		25.8	22.4	34	10.6	4.2	3
PZ	26.1	17.9	34.9	15.7	4.2	1.2		29.3	21.3	30.2	11.9	4.4	2.8
FP2	33	24	22.8	13.2	4	2.9		28.5	24.2	28.2	10.5	4.6	4.1
F4	29.1	20.7	29.6	13	4.6	3.2		21.8	21.7	37	9.1	5.9	4.5
C4	26.1	20.7	35.1	11.7	3.9	2.5		27.1	21.6	33.7	8.7	4.9	4
P4	26.6	17.5	36.4	14.4	3.4	1.7		27	25.7	28.1	10.6	4.8	3.8
O2	26.2	18.5	29.8	15.4	5.9	4.2		21	19.7	24	10.8	11.3	13.3
F8	36.4	14.9	22	11.2	7.2	8.2		25.9	22.6	27	10.4	5.7	8.5
T4	23.2	15.4	29.1	8.9	11.3	12.1		23.5	21.2	29.6	8.4	6.3	11.1
T6	25.9	18	36.4	12.9	4.1	2.7		21.7	20.8	28.9	10.5	7.6	10.4

BASELINE								READING					
LOCATION	DELTA 1	DELTA 2	THETA	ALPHA	BETA 1	BETA 2		DELTA 1	DELTA 2	THETA	ALPHA	BETA 1	BETA 2
F7	27.6	19.4	16.6	13.9	11.1	11.4		28.4	23.5	16	9.8	10.6	11.7
T3	19.8	21.3	19.6	21.3	9.8	8.2		20.3	26.1	22.5	13.9	9.9	7.3
T5	15.5	13.3	23.8	37.9	6.6	2.8		19.1	23	22.9	21.5	7.4	6
FP1	17.1	21.3	18.9	13.7	15.7	13.3		20.5	23.3	17.7	9.8	15.2	13.4
F3	17.3	25.7	25.1	18.7	7.7	5.6		20.1	28.2	24.5	12.2	8	7
C3	15.4	20.3	20.7	36.1	5.4	2.1		22.5	26.2	20.4	22.4	5.4	3
P3	18	13.1	18.4	44.5	4.5	1.5		20.2	23	22	24.3	6.8	3.7
O1	14.3	11.9	20.8	39.3	7.1	6.7		12.7	14.6	21.5	22.5	11.7	17.1
FZ	14	28.5	29.6	18.1	5.9	3.9		17.2	34.1	26.9	10.6	6.8	4.4
CZ	17.7	22.8	19.8	33.4	4.6	1.7		19.2	27.2	21.9	24.5	4.6	2.5
PZ	17.1	12.7	16.5	48.9	3.7	1.2		21.8	23.2	19.4	26.2	6.2	3.2
FP2	13.8	17.8	15.1	11.8	20.8	20.7		16.7	19.7	15.5	9.8	21.3	17.1
F4	16.1	30.2	23.8	17.7	6.5	5.8		18.1	30.3	24.6	13	7.8	6.3
C4	17.1	25.1	19.7	31.6	4.5	2.1		23.5	31.9	20.9	15.6	5.1	2.8
P4	17.1	15.2	20.8	41.2	4.2	1.5		23	25.5	19.5	20.7	7.2	4.1
O2	15.3	13.6	20.9	41.4	5	3.8		15.3	17.8	22.2	20.1	10.6	13.9
F8	21	22.7	18.4	16.2	9.5	12.2		22.2	20.1	20.2	11.9	11.3	14.3
T4	17.1	17.2	16	18.1	17.3	14.3		11.6	15.4	12.3	11.3	26.8	22.6
T6	18.9	14.8	23.3	29.6	8.2	5.2		19.2	22.8	20.6	14.1	11	12.2
DRAWING								RAVENS					
LOCATION	DELTA 1	DELTA 2	THETA	ALPHA	BETA 1	BETA 2		DELTA 1	DELTA 2	THETA	ALPHA	BETA 1	BETA 2
F7	28.1	20.3	21.5	12.9	6.9	10.3		30.4	23.7	16.6	12.3	7.1	9.8
T3	21.9	21.5	22.9	19.5	8.1	6.1		26.6	25.1	21	13.5	7.1	6.6
T5	23	23.3	18.8	18.9	7.9	8		30.5	21.3	14.2	21.1	7.5	5.3
FP1	26.8	27	21.8	10	7.5	6.9		24.2	28.3	19.5	11.7	8.3	8.1
F3	21.5	27.9	24.8	13.5	6.9	5.4		16.9	27.4	26.3	14.6	7.7	7
C3	27.9	21.4	24.2	16.8	6	3.7		20.7	31	17.3	22	5.6	3.4
P3	25.7	23.4	17.6	20.9	7.2	5.3		25.6	22.1	18	24.9	6.1	3.3
O1	17	14.6	16	21.1	12.9	18.5		21	16.9	17.1	21.5	9.2	14.3
FZ	18.3	33.3	27.5	11.2	5.9	3.7		19.9	26.7	29.4	13.5	5.8	4.7
CZ	19.8	24.8	21.9	25.5	5	3		15.6	23.1	16	39.1	4	2.2
PZ	27.5	18.5	16.4	28	6.2	3.4		22.6	21.6	17.6	31.1	4.5	2.6
FP2	24.6	22.8	19.8	10.1	10.3	12.4		26.3	26.9	19.9	11.3	7	8.5
F4	19.7	29.8	26	13.6	6.3	4.6		19.8	26.5	26.5	15.1	5.8	6.4
C4	22	20.4	21.9	27	5.5	3.2		26.1	31.7	18.3	15.9	4.8	3.2
P4	26.9	18.6	17.7	26.2	6.2	4.4		30.3	22.8	15.2	22.9	5.1	3.6
O2	18.4	14	15.9	25.9	11.1	14.8		26.9	18	18.1	19.8	6.5	10.6
F8	24	24.1	22.8	10.3	8.5	10.2		24.8	24.2	17.8	13.1	5.2	14.9
T4	22.3	16.4	16.1	12.7	16.8	15.7		27.2	17.6	18.7	15.9	9.1	11.6
T6	22.5	18.7	14.2	14	14	16.5		31.1	19.9	14.7	16.9	7.9	9.4
STORY								CODING					
LOCATION	DELTA 1	DELTA 2	THETA	ALPHA	BETA 1	BETA 2		DELTA 1	DELTA 2	THETA	ALPHA	BETA 1	BETA 2
F7	26	22.4	14.2	17.6	9.7	10.1		31.8	20.2	17.3	8.7	9	13
T3	23.4	20.6	19.9	20.9	8.4	6.8		21.2	24.8	23	13.6	9.5	7.9
T5	15.5	15.7	23	36.5	6.2	3.1		16.7	24.1	19.3	21	9	9.8
FP1	25.8	23.7	17.2	14.9	10.6	7.7		31.1	22.7	20.2	9.2	8.9	7.8
F3	20.8	23	24.8	19.6	6.9	4.8		22.1	27.1	26.4	11.5	7.5	5.4
C3	16.9	21.9	20.7	32.6	5.6	2.4		19.7	28.1	23.7	19.2	5.9	3.5
P3	16.7	16.4	21	38.7	5.5	1.6		16.5	26.6	20.3	23.3	8	5.3
O1	16.2	15.3	20	34.7	7.4	6.3		12.4	16	16.7	19.1	14.2	21.7
FZ	22	22.3	25.8	18.9	7.3	3.8		19.1	29.3	28.5	12.5	6.8	3.7
CZ	13.8	18.7	21	41	3.6	1.8		13.6	22.6	24.2	31.5	5.1	3
PZ	14.6	13.8	18.3	48.5	3.7	1		16.9	24.2	20	29.9	5.5	3.5
FP2	19	19	17	14.2	15.7	15.2		28.1	19.3	17.2	10.3	13.2	11.9
F4	18.6	23.5	23.9	18.4	8.9	6.6		20.1	27.4	24.5	15.1	7.4	5.5
C4	18.2	19.5	20.5	34.6	5.1	2		18.8	24.2	21.4	27.6	4.7	3.2
P4	15	13.8	20.6	44	5.2	1.4		21	26	22	22.2	5	3.8
O2	15.1	17.1	21.2	35.6	6.8	4.3		15	18.8	21.1	18	10.4	16.7
F8	24.3	21.2	16.3	15.9	8.4	13.9		26.6	19.8	19.4	14.6	9	10.5
T4	18.1	15.4	17.2	17.2	15.5	16.5		18.4	17	13.9	15.5	17.2	18
T6	18.3	14.7	19.4	35.2	7.2	5.1		24.5	21.1	21.1	15.1	8.2	10

BASELINE								READING					
LOCATION	DELTA 1	DELTA 2	THETA	ALPHA	BETA 1	BETA 2		DELTA 1	DELTA 2	THETA	ALPHA	BETA 1	BETA 2
F7	30	24.1	18.7	7.6	8	11.5		33.8	21.7	23.5	9.1	7.1	4.9
T3	25.3	24.6	22.8	10.4	9.1	7.9		29	19.7	29.4	9.9	7.5	4.7
T5	27.2	32.2	20.7	9.5	6.4	4.1		26.9	23.5	24.2	11	7.9	6.6
FP1	27.9	29.3	18.6	8.5	8.1	7.6		30	26.1	22	10.3	7.2	4.4
F3	26.8	24.5	27.3	9.6	7.8	4.1		30.8	23.6	24.7	9.8	7.5	3.7
C3	24.8	21.8	28	15.6	6.8	2.9		29.1	20.5	27	14.1	6	3.3
P3	36.3	28.2	17.8	10.6	4.7	2.4		32.1	20.7	24.5	11.5	7.4	3.9
O1	30.5	26.2	20.2	14.3	5.8	3		20.9	21.7	29	13	8.4	7.1
FZ	28	24.2	28.1	9.2	7.6	2.9		28.8	24.3	26.9	10.6	6.2	3.2
CZ	30.3	27.9	23.1	11.2	4.9	2.5		31.4	23.4	26.1	10.7	5.5	2.8
PZ	36.5	25.7	21.1	10.2	4.1	2.3		32.6	21.3	26.2	11	5.9	3
FP2	31.8	27	19.9	9.1	7.3	4.8		29.9	26.7	21.1	11.4	6.7	4.1
F4	33.9	22.6	22.6	9	7.5	4.4		29	26.9	22.4	10.8	7	3.9
C4	30	22.8	22.1	15.3	6	3.9		32.1	22.3	22.7	13.6	6.1	3.2
P4	40.4	24.3	17	11.3	4.5	2.5		34.9	22.5	22.1	11	5.8	3.7
O2	30	26.1	19.8	15.4	5.6	3.1		23.6	21.1	28.5	12.2	8	6.6
F8	33.8	22.9	16.3	9.4	8.4	9.3		33.5	26.2	18.1	9.9	7	5.2
T4	29.4	20.6	22.5	11	8.3	8.2		28.1	27.1	21.9	11.4	6.6	4.9
T6	32.5	24.8	20.6	12.6	5.7	3.8		29.2	25.5	24	10.5	6.3	4.6
DRAWING								RAVENS					
LOCATION	DELTA 1	DELTA 2	THETA	ALPHA	BETA 1	BETA 2		DELTA 1	DELTA 2	THETA	ALPHA	BETA 1	BETA 2
F7	32.5	19.8	18.7	11.1	8.1	9.7		29.7	26.1	21.2	8	8.7	6.2
T3	22	24.1	31	9.7	7.5	5.7		32.9	26.5	22.8	8.8	5.3	3.8
T5	24.5	22	25.5	11.3	7.9	9		27.7	27.3	25.8	10.2	5.4	3.6
FP1	28.6	24	21.2	11.5	8.1	6.7		31.9	23.8	20.7	11.8	6.3	5.6
F3	29	27.5	23.4	9.7	6.2	4.2		29.7	24.1	27.5	7.8	7.6	3.2
C3	24.7	24.4	28.8	12.2	5.7	4.1		25.9	21.1	25.5	19.4	5.3	2.8
P3	33.2	25.2	22.3	11	5.2	3		26.7	27.1	25.9	11.2	5.9	3.2
O1	24.3	26.5	26.8	12	5.9	4.4		23.6	26.4	27.3	11.5	6.7	4.6
FZ	24.1	27.8	28.6	10.9	5.7	3		28.1	24	29.8	8.8	6.7	2.6
CZ	30.1	24.2	24.9	14	4.2	2.6		32.3	24.7	27.2	9.2	4.5	2.1
PZ	31.1	25	23.4	13.1	4.6	2.6		28.3	25.7	29.8	9.2	4.8	2.3
FP2	28.4	24.2	23	13	7.2	4.3		37.3	22.9	19.2	11.4	6.1	3
F4	28.2	26	26.7	9.8	5.6	3.7		31.6	18.1	30.5	9.6	6.9	3.4
C4	29.7	21.5	26.8	14.3	4.5	3.2		23.1	25	28.2	15.6	5.4	2.8
P4	30.9	23.1	25.7	11.7	5.5	3.1		26.8	27.2	28.3	9.7	5.3	2.7
O2	23.5	26.6	28.6	11.9	5.5	3.9		23.2	25.4	29	12.1	6.6	3.7
F8	29.7	22.2	21.5	11.2	7.6	7.8		37.6	21.6	20.2	9.1	6.5	4.9
T4	24.2	26	25.3	10.7	6.9	6.9		27.5	31.7	22.7	8.7	5.9	3.4
T6	29.6	24.4	23.4	10.7	6.6	5.2		25.5	33.6	21.6	10.1	6.1	3.1
STORY								CODING					
LOCATION	DELTA 1	DELTA 2	THETA	ALPHA	BETA 1	BETA 2		DELTA 1	DELTA 2	THETA	ALPHA	BETA 1	BETA 2
F7	25.4	23.3	25.3	8.5	8	9.5		26.1	26.9	23.5	9.9	6.5	7.1
T3	25.9	24.6	25.5	9.8	7.1	7		21.7	29.8	30.1	9.1	5.3	4
T5	23	26	23.4	11.5	8.7	7.4		22.6	26.2	26.3	11.7	7.5	5.7
FP1	28.3	23.1	24.9	9.9	7.8	6.1		21.8	27.8	25.6	12.4	6.6	6
F3	26.7	23.3	28.6	10.3	6.5	4.5		24.4	31.5	25.2	9.8	5.7	3.4
C3	29.6	21.9	28.5	11	5.2	3.8		22.5	28.4	30.2	11.1	4.9	2.8
P3	27.9	24.2	24.7	11.8	7.3	4.1		25.9	28.5	24.6	11.8	5.9	3.3
O1	24.4	23	24.2	13.7	7.6	7.1		21.5	26.3	26.8	12.2	7.7	5.6
FZ	28.2	22.4	26.9	12.9	5.9	3.6		22.7	29.6	28.8	10.2	5.6	3.1
CZ	29.4	22.3	27	13.8	4.5	3		23	30.9	27.6	11.6	4.3	2.6
PZ	28.2	22.8	27.9	11.8	6.2	3.1		26.3	30.9	23.9	11.5	4.8	2.5
FP2	28.3	25.3	23.5	11.7	6.6	4.4		28.5	24.7	23.4	12.1	6.6	4.8
F4	26.4	24.8	25	12.7	6.6	4.5		29.1	26.8	24.5	10.1	5.9	3.6
C4	28.7	21.4	27.8	12.6	5.8	3.7		21.9	31.5	27.7	11.5	4.5	2.9
P4	27.3	24.7	26.5	11.5	6.1	3.9		27.6	32.2	23.9	9.3	4.4	2.6
O2	25.9	24.5	25.8	12.6	6.2	5.1		23.6	27.5	26.7	11.2	6.5	4.5
F8	24.4	24.6	20.9	11.4	7.9	10.7		32	22.8	21.9	9.1	6.9	7.2
T4	26.8	23	27	11.1	6.2	5.9		22.7	27.6	28.7	9.8	6.5	4.7
T6	24	29.5	24.9	10.9	6.5	4.2		30	28.5	26.5	6.9	4.9	3.2

BASELINE								READING					
LOCATION	DELTA 1	DELTA 2	THETA	ALPHA	BETA 1	BETA 2		DELTA 1	DELTA 2	THETA	ALPHA	BETA 1	BETA 2
F7	24.7	15.3	15.9	16.2	15.8	12.1		31.7	24.9	17.1	10.5	10.9	4.9
T3	20.5	17.4	20.6	23	12.6	5.9		30.8	21.8	20.2	9.6	11.6	6
T5	19.3	15.9	18.2	30.7	12.4	3.6		26.1	22	21.6	11.1	12.8	6.4
FP1	19.2	13.2	10.9	12.1	18.7	25.9		30.6	20.4	12.7	10.3	13.5	12.4
F3	24.6	21.4	18.8	16.5	11.8	6.8		27.7	26.6	20.2	12	10.3	3.2
C3	18.2	19.9	25.8	23.6	9.8	2.8		29.2	26	23	9.7	9.1	2.9
P3	20.2	16	16.6	36.9	8.3	1.9		29.1	24.4	21.6	11.6	9.8	3.6
O1	18.8	11.2	9.6	39.6	12.7	8		21.7	19.2	19.8	12.8	12.6	14
FZ	24.7	22.9	19	17.9	10.8	4.8		30.1	26.2	17.8	12	10.4	3.6
CZ	16.1	19.8	27.4	26.1	8.1	2.5		33.2	25.4	21.4	10.8	6.9	2.3
PZ	16.6	13.8	10.2	52.1	5.9	1.4		30.8	23.3	19.7	15.2	8.5	2.6
FP2	14.6	8	7.2	9.2	18.7	42.3		26.3	14.5	9.4	8.5	17	24.2
F4	18.5	18.1	16.2	16.4	15.4	15.5		29.2	21.3	15.3	11.1	13.2	9.8
C4	21.1	19.7	22.8	24.1	9.6	2.7		33.7	22.9	21.7	9.2	9.5	3.2
P4	15	13.6	11.3	49.1	8.9	2		30.3	22.6	20.8	12.6	10.6	3.1
O2	16.2	9.8	7.4	54.4	9	3.1		27.4	21.4	21.8	14.3	9	6
F8	18.4	19.7	14.3	17.6	14.9	15.2		37.1	20.4	15.6	10.2	10.8	6.1
T4	15.9	22.3	19.6	21.2	13.1	8		32.9	17.9	16.7	7.5	15.3	9.7
T6	15.2	14.6	11.5	41.7	13.6	3.5		26.8	21.9	20.6	13.1	12.7	4.9
DRAWING								RAVENS					
LOCATION	DELTA 1	DELTA 2	THETA	ALPHA	BETA 1	BETA 2		DELTA 1	DELTA 2	THETA	ALPHA	BETA 1	BETA 2
F7	37	24.4	16.7	10.5	6.9	4.5		33.7	19.9	14.9	9.5	11.5	10.5
T3	27.4	23.4	21.5	10.9	8.7	8.1		34.7	19.8	18.2	8.5	9.4	9.5
T5	27.1	26.5	21	9.3	10	6		24.9	22.5	21.6	12.6	10.9	7.6
FP1	40.1	26	14.6	8.6	6.5	4.1		32.5	22.2	14.7	8.9	10.2	11.5
F3	34.2	25.4	20.1	10.3	7.3	2.7		28.4	27.4	16.9	10.1	11.1	6.1
C3	25.7	29	25.4	10	6.5	3.4		23.4	30	23.8	10.6	7.6	4.6
P3	25.4	32.8	21.7	8.6	7.6	4		23.2	28.9	25.5	9.2	8.4	4.7
O1	28.3	26.5	19.9	10	8.1	7.2		26.2	23.4	16.8	11	11.3	11.3
FZ	31.6	25.8	21.9	10.4	7.5	2.8		27	28.1	19.4	10.6	10.5	4.3
CZ	28	27.8	26.3	9.1	5.7	3.2		29.6	30.2	20.5	9.3	7.3	3.1
PZ	31.1	31.4	18.7	9.4	6.1	3.4		27.3	26.6	23.5	11	8	3.7
FP2	42	22	14.2	8.1	7.4	6.4		32.3	20.5	14	7.6	11.5	14.1
F4	31.6	24.6	21	9.3	8.7	4.8		24	28.9	17.3	7.8	13.2	8.9
C4	29.1	24.5	21.5	10.3	8.7	5.9		27.3	28.5	19.2	9.1	10.9	4.9
P4	32.2	25.6	14	9.9	10.1	8.2		27.4	30.1	19.8	8.1	9.2	5.3
O2	26.3	24.8	17.3	11	8.7	11.9		25.7	26.9	20.2	10.7	10.3	6.3
F8	35.1	21.7	17.1	9.6	10.2	6.3		44.2	19.8	15.4	6	7.9	6.8
T4	27.8	15.8	13.1	7.5	17.2	16.6		29.7	18.4	14.2	6.5	17.1	14.1
T6	26.6	20.5	11.4	9.8	16.4	15.4		22.7	25.7	17.6	10.2	12	11.8
STORY								CODING					
LOCATION	DELTA 1	DELTA 2	THETA	ALPHA	BETA 1	BETA 2		DELTA 1	DELTA 2	THETA	ALPHA	BETA 1	BETA 2
F7	23.3	22.6	24.1	12.5	13.4	4.2		31.4	22.5	18.1	11	10.2	6.8
T3	23.1	23.5	25.5	13.1	9.9	4.9		31.2	19.4	22.5	10.2	9.8	6.9
T5	30.5	21.3	19.6	14.8	11.3	2.6		24.6	27.2	21.5	10.6	10.6	5.5
FP1	31	21.2	17.8	11.1	12.1	6.7		33.5	18.3	14.3	10.4	11.6	11.9
F3	21.2	24.4	25.6	12.7	13.4	2.6		23.4	25.7	22.6	12.3	12.7	3.3
C3	24.4	23.6	23.7	14.4	11.3	2.7		27.5	22.2	24.6	12.3	9.8	3.6
P3	29.5	23.1	18.6	14	12.3	2.4		24.6	23.4	23.2	12.7	11.8	4.3
O1	31.9	25.2	18	12.3	10.3	2.2		20.9	24.3	20.1	10.9	12.5	11.2
FZ	24.1	24.7	24.9	11.9	12.1	2.3		23.9	27	20.8	13	12	3.2
CZ	28.8	24	21.9	13.8	9.4	2.1		32.7	25.3	21.3	10.8	7.3	2.6
PZ	28.1	23.7	16.9	17.4	11.9	1.9		29.9	21.8	18.1	15.5	11.3	3.3
FP2	37.1	21	16.8	9.9	10	5.2		26.2	15.4	10	9.4	15	24
F4	26.3	25.6	21.9	11.3	11.8	3.1		25.5	25.7	15.8	9.5	14.4	9.1
C4	25.3	26.8	21.3	12.8	11.2	2.7		34.4	25.8	18.1	8.8	8.7	4.3
P4	28.6	24.5	17.4	13.8	13.5	2.1		24	25	19.8	11.1	12.6	7.5
O2	30.7	25.2	17.5	13.5	11	2		21.8	21.7	19.6	11.8	14.3	10.7
F8	35.3	20.7	18.4	11.3	10	4.3		33.7	23.9	16.3	9.4	10	6.7
T4	26.6	24.8	17.5	11.3	13	6.9		25.4	21.9	16.2	8.5	15.4	12.6
T6	29.8	24.8	16.6	13.8	12.7	2.3		22.9	22.7	16.1	9.7	15.6	13

BASELINE								READING					
LOCATION	DELTA 1	DELTA 2	THETA	ALPHA	BETA 1	BETA 2		DELTA 1	DELTA 2	THETA	ALPHA	BETA 1	BETA 2
F7	25.3	25.1	16.6	14.8	7.4	10.9		23.6	20.8	25.5	14.1	8.4	7.6
T3	19.2	20.8	19.1	25.9	6.7	8.4		19.7	21.4	25.2	17.3	7.6	8.7
T5	19.5	15.5	22.4	27	9	6.6		18.6	19.4	24.1	19.4	9.1	9.3
FP1	24.4	26.1	16.5	12.8	9.6	10.6		22.9	22.3	24.6	15.6	8.1	6.5
F3	25.2	25	17.2	15	7.2	10.4		23	21.2	26.5	14.6	7.8	6.9
C3	19.2	20.3	20.1	27.2	6.6	6.5		18.2	21.9	26.6	23.3	6.1	3.9
P3	20.2	17.3	21.3	31.2	5.8	4.2		19.2	16.1	23.9	27.1	7.5	6.2
O1	22.1	21.6	21.9	22.5	6.5	5.5		13.1	21.2	31.1	19.2	8	7.3
FZ	23.4	25.7	23.3	14.7	7	5.8		19.3	24.1	29.5	16.8	6.2	4.1
CZ	17.4	21.4	26.1	26.3	5	3.7		19	20.3	27.9	25.1	4.6	3.1
PZ	20.3	17.2	23.6	31.1	4.7	3.1		20.5	18.1	22.1	31	5.5	2.8
FP2	27.4	26.2	16.8	12.7	8	8.9		24	22.8	23.6	16.1	7.9	5.6
F4	23.6	22.2	21.3	14.5	9.9	8.5		20.3	22.5	26.4	16.7	7.7	6.4
C4	17.4	18.3	23.7	28.3	7	5.2		18.7	20.3	29.3	21.3	6.2	4.2
P4	17.9	16.5	23.3	33.6	5.6	3.2		21.5	16.9	24.7	26.7	6.3	4
O2	21.3	19.2	24.1	26.9	5.5	3		16.1	19.4	28.2	22.8	7.7	5.8
F8	23.2	22.3	21.3	14.6	9.9	8.7		20.3	22.3	26.3	16.9	7.7	6.4
T4	16.2	16.8	15.4	17.6	14.9	19.1		16	15.6	16.1	16.3	12.1	23.8
T6	16.9	18.9	22.3	29	7.1	5.8		17.9	17.5	22.5	24.9	8.5	8.7
DRAWING								RAVENS					
LOCATION	DELTA 1	DELTA 2	THETA	ALPHA	BETA 1	BETA 2		DELTA 1	DELTA 2	THETA	ALPHA	BETA 1	BETA 2
F7	28.1	23.1	19	16.7	7	6.1		25.8	27.6	21	12.1	6.3	7.2
T3	20.4	22.7	23	19.7	8.4	5.8		20.4	15.9	17.7	13.1	10.8	22.2
T5	16.1	23.4	23.2	15.6	10	11.6		21.5	25.2	23.4	15.7	8.5	5.7
FP1	27.6	22.8	18.9	18.4	7.4	4.9		25.2	27.1	22.2	11.7	7.8	6
F3	27.1	23.7	19.4	16.6	7.2	6		24.9	27.8	22	12.3	6.2	6.8
C3	18.7	23.4	26.7	19.4	7.6	4.2		16.8	23.3	27.3	19.3	6.8	6.5
P3	17	23.5	26.7	19.4	7.8	5.7		18.8	27.5	23	19.4	7	4.3
O1	16	17.5	21.8	18.9	12	13.8		18.7	25.3	20.8	15.7	9.5	10
FZ	19.3	27.9	24.5	16.6	7.6	4.1		19.8	28.1	26.5	13.1	7	5.4
CZ	16.9	20.6	27	25.4	6.5	3.5		17.5	25.8	28	19.3	5.5	3.9
PZ	15.7	22.7	26.6	25	6.5	3.5		15.4	31.5	25.4	19	5.4	3.4
FP2	29.8	22.9	19	16.6	6.9	4.8		30	25.5	20.1	10.8	7.1	6.5
F4	22.6	27.3	19.8	19.2	6.1	5		20	26.2	25.8	13.6	6.9	7.5
C4	15	25.8	22	26.1	6.1	5		17	27.4	26.3	18.1	6.3	5
P4	15.9	24.6	22	22.3	9.2	6.1		14.7	30.6	25.7	18.4	6.2	4.5
O2	16.1	21.9	22.7	20.5	10.5	8.4		17.7	30.8	27.4	13.7	5.8	4.6
F8	22.5	27.3	19.7	19.2	6.1	5.2		20.5	26	25.3	13.5	7.1	7.6
T4	14.6	23.5	16.6	23.6	11	10.8		16.5	14	15	12.8	16.5	25.2
T6	15.1	22.6	16.8	21.1	11.1	13.3		12.8	26.7	24.5	17.4	8.8	9.9
STORY								CODING					
LOCATION	DELTA 1	DELTA 2	THETA	ALPHA	BETA 1	BETA 2		DELTA 1	DELTA 2	THETA	ALPHA	BETA 1	BETA 2
F7	27.8	26	21	10	7.3	7.8		32.2	22	18.5	16.1	5.8	5.4
T3	25.1	20.2	19.6	12	8.7	14.4		20.1	18.5	25.6	26.3	5.2	4.4
T5	18	21.9	22.3	20.6	10.8	6.4		16	21.5	28.5	20	7.9	6.1
FP1	32.4	28	17.4	10.9	5	6.3		29.1	23.3	16.9	15.8	6.9	8.1
F3	28	25.9	21.8	9.7	6.9	7.7		32	22.3	19	16.5	5.5	4.7
C3	23	20.5	26.6	18.1	6	5.7		18.8	18.7	29.4	25.1	4.5	3.5
P3	20.7	17.8	24.3	25.7	7.6	3.8		15	22.6	30.7	19.2	7.1	5.4
O1	22.1	22.6	26.9	16.1	7.8	4.5		14.2	24.3	24.9	15.5	10.1	10.9
FZ	28.6	23.4	25.8	10.7	5.9	5.6		20.1	28.7	25.3	17	5.2	3.7
CZ	21.3	20.5	31.1	16.5	6.2	4.3		20.9	20	25.9	26.1	4.5	2.6
PZ	25.5	20.2	23.9	21.4	5.8	3.1		19.6	20.7	26.6	26.2	4.5	2.3
FP2	33	25.2	18.6	10.9	5.9	6.4		30.7	24.7	19	14.4	5.9	5.3
F4	23.7	23.1	26.5	13	6.9	6.9		23.3	28.3	21.5	15.8	5.1	6
C4	18.5	22	27	19.5	7.3	5.7		22.6	22.1	25.4	21	5.3	3.6
P4	22	18.3	25.4	23.6	6.6	4		19	20.7	25.9	25.2	5.4	3.9
O2	29.5	22.9	23.7	16.2	5.2	2.5		15	24.7	26.9	22	5.6	5.9
F8	23.4	23.6	25.9	13.1	6.9	7		24.1	27.8	21.3	15.8	4.9	6
T4	16.4	18.2	14.3	8.6	18.5	24.1		18.8	16.7	16.9	28.9	9.5	9.2
T6	22.4	19.9	24.9	17.2	8.3	7.4		19	19.4	20.6	24.9	7.3	8.9

BASELINE								READING					
LOCATION	DELTA 1	DELTA 2	THETA	ALPHA	BETA 1	BETA 2		DELTA 1	DELTA 2	THETA	ALPHA	BETA 1	BETA 2
F7	43.8	28.7	12.5	5.4	5.4	4.2		43.4	26.2	15.2	6.6	4.5	4
T3	28.1	28.1	18.7	8.7	7.7	8.7		27.3	26.7	21.6	9.2	8.3	6.8
T5	30.8	24.8	19.7	13.5	7.4	4		31.1	26.1	22.2	10.4	6.6	3.6
FP1	44.4	27.2	12.8	6.3	5.7	3.6		38.9	25.2	15.6	7.5	6.5	6.3
F3	30.5	23	22.4	9.1	10.9	4.2		30.7	21.6	21.7	8.9	11.3	5.8
C3	25.7	25	22.6	14.1	8.7	4		28.8	25.2	24.8	10.1	7.7	3.4
P3	30.6	24.4	19.3	14.1	7.8	3.8		32.4	25.7	22.3	10	6.4	3.1
O1	34.5	23.7	15.8	15	8.1	3		31.6	19.9	21.1	13.5	8.3	5.6
FZ	26.8	25.3	24.8	9.1	10.5	3.5		30.8	22.4	22.4	10.6	10.1	3.6
CZ	29.3	25.1	24.7	10.6	7.8	2.6		34.8	23.6	21.9	10.2	6.8	2.6
PZ	37.2	21.8	17.7	13.1	7.7	2.5		38.4	22	20.8	9.4	7	2.5
FP2	41	25.1	15.9	7.1	6.9	4		34.5	28	17.5	8.8	6.2	5
F4	30.2	21.4	24.2	8.6	11.1	4.4		27.5	24.9	21	10.5	12	4.1
C4	26.6	24	25.7	11.9	8.4	3.4		32.2	25.1	20.4	10	9.3	3
P4	34.3	27.4	17.8	10.7	7.3	2.4		33.9	23.5	21.7	9.8	8	3.1
O2	36.1	25.2	14.9	13.2	7.6	3.1		31.4	18.7	20.5	13.1	9	7.3
F8	36	20.9	19.4	8.4	8.2	7.2		29.7	30	16.5	8.5	8.9	6.4
T4	31.1	25.5	21.4	9.3	6.8	6		31.1	28.2	19.5	9.1	7.7	4.4
T6	32.7	28.1	18.5	10.1	7.5	3.2		34.9	22	20.3	11.2	7.2	4.5
DRAWING								RAVENS					
LOCATION	DELTA 1	DELTA 2	THETA	ALPHA	BETA 1	BETA 2		DELTA 1	DELTA 2	THETA	ALPHA	BETA 1	BETA 2
F7	46.4	26.1	12.7	5.7	4.2	4.9		44.7	20.8	12.2	7.3	7.7	7.3
T3	32.2	23	19.1	7.7	6.9	11.2		38.1	21.3	14.8	7.5	7.5	10.8
T5	39.9	22.7	17	6.6	6.8	7		38.1	21	16.6	11.1	7.5	5.7
FP1	37	31.1	14.9	7.6	4.7	4.6		42.6	23.4	15.1	7.7	6.5	4.8
F3	27.3	27.9	20.9	11	8.4	4.5		26.6	26.9	23.1	9.2	8.4	5.9
C3	31.4	26.7	21.2	8.7	7.1	4.8		33.2	23.7	21.6	10.7	6.3	4.5
P3	40.9	22.1	17.5	6.8	6.6	6		40.8	21.5	15.1	10.1	7.4	5
O1	41.6	17.9	16.2	9.6	7.7	6.9		45	21.2	11.6	7.4	8.9	6
FZ	24.5	28.8	23	9.7	10.3	3.6		28.7	27	23.6	8.4	8.2	4.1
CZ	37.3	25.8	17.3	9.4	6.3	3.9		38.6	20.4	24.3	7.3	6.1	3.3
PZ	41.3	21.6	17.1	9.2	6.8	3.9		48.5	21.9	14.8	5.8	5.8	3.2
FP2	35	31.8	16.1	7.7	5.3	4		41.3	21.7	17.7	7.8	6.9	4.5
F4	26.1	29.9	19.9	7.8	11.3	4.9		27.9	23.7	24.9	8.8	10.1	4.6
C4	33.6	26.2	18	10.5	7.4	4.3		31.9	23.6	20.5	12.8	7	4.1
P4	41.2	21.1	16.8	8.6	7.2	5.1		46.2	24.4	12.1	7	6.6	3.7
O2	36.5	16.4	14.4	10.8	10.2	11.8		43.4	21	11.4	6.6	9.6	8
F8	35.3	28	15	6.5	7.7	7.5		29.4	24.7	17.9	8.6	9.3	10.1
T4	32.4	25.1	17.6	7.2	6.7	11		32.9	23.1	17.5	8.3	9.5	8.6
T6	39.1	19.7	16.2	8.1	8.3	8.8		41	23.6	11.5	9.3	8.1	6.5
STORY								CODING					
LOCATION	DELTA 1	DELTA 2	THETA	ALPHA	BETA 1	BETA 2		DELTA 1	DELTA 2	THETA	ALPHA	BETA 1	BETA 2
F7	50.2	22.5	12	6.8	4.7	3.7		39.3	28.5	15.1	6.9	5.7	4.5
T3	39.1	20.5	19	9.3	5.5	6.5		38.1	29.6	14.8	7.1	6.3	4.1
T5	33.4	24.1	18.8	13.2	6.8	3.7		31.9	28	21.1	8.9	6.7	3.4
FP1	41.3	27.1	14	6.9	5.5	5.2		39.4	25.7	16.9	8.2	5.7	4.2
F3	31.8	26.5	19.4	8.5	10.1	3.7		29.4	26.6	20.8	10	8.9	4.3
C3	30.1	24	23.6	11.8	6.9	3.5		30.7	26.5	23.7	10	6.1	3
P3	33.1	25.2	19.7	12.7	6.4	3		29.8	28.5	23.2	9.2	6.3	3
O1	31.2	24.1	18.1	16.9	6.7	3		22.4	25.9	24.7	12.6	8.2	6.2
FZ	29.9	24.6	22.1	8.4	12.1	2.9		26.8	29.3	21.9	9.1	9.3	3.7
CZ	32.6	25.4	21.5	10.7	7.6	2.2		26.5	28.3	26.7	9.9	5.8	2.8
PZ	33.9	25.1	21.4	12.1	5.3	2.2		26.3	28.4	25.5	10.7	6.1	2.9
FP2	39.7	29.4	12.9	7.9	6.4	3.7		35.8	28	17.9	8.5	5.9	3.8
F4	27.5	23.8	21.4	8.9	14.7	3.6		24	29.7	22.4	9.1	9.9	4.8
C4	30.8	24.1	23	10.8	8.9	2.5		24.5	28.4	25.9	11.5	6.5	3.2
P4	33.8	24.4	21.1	12.1	6.3	2.2		27.3	26.7	25.4	10.4	6.8	3.4
O2	32.5	24.4	18.5	14.8	6.6	3.1		20.5	21.8	23	12.7	10.6	11.4
F8	37.6	24.6	14.6	8.8	8.3	6.1		28.5	28.5	19.3	9.2	7.5	7
T4	31.6	26.9	19.4	10.1	7.6	4.3		25.9	31.4	22.1	8.9	7.6	4.1
T6	34.8	24.1	19.9	12	6.5	2.7		27.2	26.6	22.4	9.6	8.4	5.8

BASELINE								READING					
LOCATION	DELTA 1	DELTA 2	THETA	ALPHA	BETA 1	BETA 2		DELTA 1	DELTA 2	THETA	ALPHA	BETA 1	BETA 2
F7	20.1	16.5	21.9	11	22.2	8.4		22.2	19.5	24.5	11.7	16.6	5.5
T3	21.4	17.6	24	12.9	16.1	7.9		23.9	22.2	23.6	11	13	6.2
T5	19	13.8	19.9	13.4	22.1	11.8		21.2	19.9	25.8	11.9	14.2	7
FP1	26	17.2	17.9	10.5	16.5	11.9		26.5	16.1	17.4	10.7	18.7	10.6
F3	19.9	16.7	22	11.2	22.2	8.1		22.1	19.7	24.9	11.5	16.7	5.2
C3	17.3	16.8	25.4	18.5	18.2	3.8		21.8	21	26.3	14.7	12.4	3.7
P3	20.8	15.8	23.9	17.5	18.2	3.8		23	18.9	29.2	13.2	12.4	3.4
O1	24.7	16.9	21.5	20	13.6	3.2		28.1	19.8	27.1	12.5	8.6	3.8
FZ	18	19.2	25.6	11.5	19.3	6.3		24.9	21.6	22.8	8.9	18.1	3.7
CZ	15.5	17.3	33.3	14.7	16.5	2.7		21	21.4	30.9	10	13.7	3
PZ	18	15.5	27.1	20.4	16.5	2.6		24.7	19	31.5	12	10.3	2.5
FP2	22.6	14.6	19.7	11.1	20.3	11.7		22.5	17.1	17.2	9.1	23.9	10.2
F4	17.8	19.1	25.4	11.5	19.6	6.6		24.9	21.6	22.5	8.8	18.3	3.9
C4	12.8	14.4	26.5	24.9	17.6	3.7		22.3	19.7	28.2	10.2	15.6	4
P4	19.5	15.3	25.1	22.1	15.2	2.7		24.7	20.5	28.8	11.7	11.2	3
O2	25.6	16.4	21.6	21.1	12.4	2.9		27.9	22	27.2	11.8	7.5	3.6
F8	17.9	18.9	25.2	11.5	19.8	6.8		25.3	21.8	22.1	8.7	18.2	3.9
T4	13.7	16.8	25.4	20.4	16.4	7.3		22.6	19	25.1	10.7	17.2	5.5
T6	15.6	13.5	21.7	17.8	18	13.4		20.9	19.5	24.4	10.8	15.1	9.3

DRAWING								RAVENS					
LOCATION	DELTA 1	DELTA 2	THETA	ALPHA	BETA 1	BETA 2		DELTA 1	DELTA 2	THETA	ALPHA	BETA 1	BETA 2
F7	20.5	18.7	29.5	10.4	14	6.9		29.8	17.3	20.5	12	13.2	7.3
T3	24.7	19	24.9	11.2	11.6	8.6		35.3	17.5	22.3	7.2	12.5	5.1
T5	18	14	26.8	10.9	16.7	13.7		23.1	20.6	19.5	12.8	14.8	9.1
FP1	22.3	10.6	14.3	7.5	21.4	23.9		43.7	16	14.2	6.7	10.3	9.1
F3	20.1	19	30.3	10.5	13.9	6.3		28.8	17.7	21.2	12.4	13.1	6.7
C3	22.1	20	29.3	14	9.6	5		22.3	19.8	23.3	17.4	12.2	4.9
P3	22.1	20.4	28	14.6	10	4.9		25.5	24.6	21.9	13.1	11.2	3.6
O1	22.5	19.9	27.3	15.8	10.2	4.3		37.2	24.4	16.5	11.2	7.7	3
FZ	25.2	18.7	28.5	10	13.2	6.5		34.4	17.4	18.7	9.8	12	7.7
CZ	19.4	20.9	35.2	10.1	10.8	3.6		22.2	19.7	26.6	15.3	12.4	3.9
PZ	22.9	20.4	25.4	18.3	9.7	3.4		27.9	25.2	20.9	13.7	9.4	2.8
FP2	17.2	10.8	12.9	8.3	29.2	21.6		33	15.8	12.7	7.5	15.2	15.8
F4	25.2	18.5	25.8	9.8	13.8	7.1		34.5	17.1	18.1	9.6	12.4	8.3
C4	15.9	18.4	28.5	21.1	12.2	4		23.1	19.8	23.6	15.6	13.2	4.7
P4	18.2	18.7	24.4	21.4	12.7	4.6		30.1	26.1	17.2	13.5	9.7	3.4
O2	22.2	19.9	26.8	16.3	10.6	4.3		39.2	25.5	15	10.8	6.5	3
F8	25.1	18.3	25.2	9.7	14.1	7.6		34.9	17	17.4	9.3	12.4	9
T4	18.3	14.6	22.6	16.7	16.7	11.1		31	18.7	16.6	10.4	15.1	8.2
T6	13.1	9.7	16	12.1	21.2	27.9		28.5	22.5	12.3	12	13.9	10.8

STORY								CODING					
LOCATION	DELTA 1	DELTA 2	THETA	ALPHA	BETA 1	BETA 2		DELTA 1	DELTA 2	THETA	ALPHA	BETA 1	BETA 2
F7	20.4	21.3	22.9	13.7	14.6	7.2		18.3	27.9	23.3	10	12.9	7.6
T3	23	18.9	26.9	10.6	13.8	6.7		32	22.6	20.9	9.1	8.9	6.5
T5	16.7	16	30	12.8	15.9	8.5		21.4	19.1	18.6	12.5	13.2	15
FP1	31.2	16.8	14.4	10.2	13	14.5		27.2	14.7	13.6	7.5	17.8	19.3
F3	19.8	21.8	23.2	13.9	14.6	6.5		17.9	28.3	23.8	10.2	13	6.7
C3	13.6	19.8	27.5	20.5	14	4.6		17.8	30.7	21.9	14.7	9.9	4.9
P3	17.7	19	28.6	17.1	13.9	3.7		21.4	28.7	22.2	13.7	8.1	6
O1	25	25.1	21	13.8	11.7	3.4		20.1	27.3	22.6	13.8	9	7.2
FZ	20.5	24.3	21.8	12.5	15.1	5.8		19.9	27.2	24.7	10.3	11.8	6
CZ	14.6	24	27.3	15.6	14.7	3.9		16.9	29.7	28.1	11.9	9.5	3.9
PZ	18.8	19.4	27.6	17.7	13.2	3.2		22.1	28.8	23.4	13.9	7.6	4.1
FP2	21.1	18.5	17.2	10.9	18.1	14.2		17.1	15.2	15.9	7.9	26.4	17.4
F4	20.9	24.1	21.2	12	15.7	6.1		19.7	26.7	24.2	10.7	12.1	6.6
C4	13.2	21.9	23.4	18.5	17.9	5.1		17.6	25.3	25.7	13.4	11.4	6.6
P4	19	19.2	25.2	17	15	4.5		25.2	24.4	20.8	15.3	9.6	4.7
O2	26.7	25.7	19.4	13.4	11.2	3.5		20.9	27.3	22.8	13.4	8.9	6.7
F8	20.8	23.9	20.9	11.7	16.2	6.4		20	26.4	23.7	10.7	12	7.2
T4	17.4	18.9	20.8	15.5	19.1	8.3		30.7	15.7	19	13.1	12.5	9
T6	19.9	18.4	18.4	13.2	17.1	13.1		18.5	14.9	15.7	11.2	19.8	19.7

BASELINE								READING					
LOCATION	DELTA 1	DELTA 2	THETA	ALPHA	BETA 1	BETA 2		DELTA 1	DELTA 2	THETA	ALPHA	BETA 1	BETA 2
F7	18.4	21.7	23.2	16.3	10.4	10		36.3	26.1	17.8	8.3	6.9	4.6
T3	16.7	23.1	17.5	15.3	14.8	12.5		23.7	22.5	20.6	8.4	12.7	12.1
T5	15.8	18.5	21.6	25.7	10.2	8.1		21.9	27.3	23.7	12.2	7.2	7.7
FP1	21.7	13.9	19.6	14	13.9	16.9		27.2	26.3	21	8.8	8.4	8.2
F3	17.5	18.6	22.8	15.2	13.3	12.7		20	30.6	25.7	10.9	8	4.8
C3	19.5	22.6	24.3	22.3	7	4.3		14.9	27	33.6	15.5	5.4	3.5
P3	19.2	17.8	19.9	32.2	7	4		22.6	24.8	26	15.5	6.8	4.4
O1	13.9	13.2	13.3	42.3	8.8	8.5		19	18	27.8	18.8	6.7	9.6
FZ	21	22.7	27.8	16.9	7.3	4.3		20.5	27.1	29.5	12.7	7	3.1
CZ	19.7	20.4	25.7	24.1	6.6	3.5		18.7	25	32.7	15.8	4.7	3.1
PZ	19.9	18.3	18.5	33.5	6.7	3		23.3	22.4	27	16.7	6.6	4
FP2	19.3	11.5	14.9	9.9	21.5	22.9		28.2	23.5	19.4	7.4	10.2	11.3
F4	19.4	19.3	21.6	14.9	12.2	12.6		21.9	24.3	25.7	11.7	8.7	7.6
C4	17.7	24.6	21.6	24.5	7.4	4.3		18.5	25.4	31.6	15.6	5.7	3.2
P4	20	20.5	18.1	30.4	7.3	3.7		23.2	23.1	25.8	17.1	6.6	4.1
O2	15.1	15	13	42.1	7.9	6.8		22	19	26.7	18.6	6.3	7.4
F8	29.7	20.6	17.1	13.5	9.2	9.9		37.5	20.8	19.6	9.9	6.7	5.5
T4	22.3	24.4	15.1	14.5	10.9	12.8		32	20	17.3	9.6	10.8	10.3
T6	16.9	20.6	14	26.1	11.3	11.2		23.3	20.4	25.8	16.3	7.6	6.6
DRAWING								RAVENS					
LOCATION	DELTA 1	DELTA 2	THETA	ALPHA	BETA 1	BETA 2		DELTA 1	DELTA 2	THETA	ALPHA	BETA 1	BETA 2
F7	18.9	21.2	24.2	17.9	10.9	6.9		31.8	27.4	15	11.9	7.8	6.1
T3	16	18	24.9	12.6	14.9	13.7		20.2	24.9	15.4	9.8	15.4	14.5
T5	17.9	15.5	19.1	11.9	17.5	18.1		15.7	24.7	23.3	17.8	8.8	9.6
FP1	24.8	20.3	24.3	11	11.1	8.4		36.6	21.2	14.6	9.1	10.3	8.2
F3	18.9	22.8	26.8	15.6	9	6.9		25.6	25.6	17.2	11.9	11.6	8.2
C3	14.4	27	32.9	14.3	6.8	4.6		22.2	26.9	23.9	14.8	8.7	3.4
P3	24.4	18.8	27.7	14.1	8.3	6.8		15.7	28.3	27.2	18.3	6.8	3.7
O1	15.9	14.6	19.4	16	12.9	21.2		15.3	24.8	29.4	18.7	7	4.9
FZ	20.6	21.1	27.6	18.6	7.3	4.8		26.2	24.7	24.4	13.3	7.8	3.6
CZ	22	22.4	30	16.2	5.3	4.1		26.1	22.2	24.8	17.2	6.8	2.9
PZ	24.1	20.8	29.9	13.2	6.9	5		22	27	25.9	14.9	7.4	2.9
FP2	20.9	15	16.9	8.9	17.5	20.7		29.4	15.1	13.7	8.7	14.2	18.9
F4	14.5	19	23.3	17	12.5	13.7		19.6	18.5	20.9	12	13	15.9
C4	22	22.2	26.8	17.8	6	5.2		20	21.1	28.3	17.3	8.6	4.6
P4	25.1	20.7	26.8	13.4	7.6	6.3		16.4	24	28	19.2	8.2	4.2
O2	18.2	16.1	21.3	16	11.3	17		18.4	22.8	28.5	17.6	7.8	4.9
F8	17.4	23.2	21.5	18	9.8	10.2		25.3	18.7	21.2	10.5	10	14.1
T4	15.1	24.5	15.6	10.9	16.9	17		18.7	21.8	13.6	12.2	15.6	18.2
T6	20.2	17	17.1	12.6	15.6	17.5		20.1	15.3	20.7	14.9	15.5	13.4
STORY								CODING					
LOCATION	DELTA 1	DELTA 2	THETA	ALPHA	BETA 1	BETA 2		DELTA 1	DELTA 2	THETA	ALPHA	BETA 1	BETA 2
F7	27	25.2	21.2	12.6	7.5	6.5		37	21.6	19.5	11.2	6	4.6
T3	23.7	18	19.2	11.9	14.9	12.3		23.6	22.7	27.4	12.4	6.6	7.3
T5	25.4	17.9	23.2	16.7	9.2	7.6		18.4	20.6	26.6	16.5	8.8	9.1
FP1	24.8	23.1	25.8	10.8	7.4	8.1		42.9	17.6	20.1	9.9	5.3	4.2
F3	19.1	26.9	25.4	15	8.1	5.6		23.2	24.5	29	12.1	7	4.3
C3	23.4	19.3	25.9	20.1	7.8	3.4		18.3	24.4	31.9	15.6	6.2	3.7
P3	25.9	19.7	24.4	18.4	7.7	3.9		18.4	21.3	33.9	14.9	6.9	4.6
O1	28.4	21	20.7	16.9	7.1	5.9		16.1	18.5	29.7	15.8	8.9	11
FZ	21.6	26.4	25.2	14.7	7.3	4.9		20.3	24.7	32.9	13.2	5.2	3.6
CZ	24.9	23	24.7	17.4	6.5	3.6		18.5	22.5	34.2	14.9	6.5	3.4
PZ	27.1	22.8	23.1	17	6.8	3.2		22.7	21.9	31.4	13.8	6.4	3.8
FP2	20.8	19.1	20.7	10	10.4	18.9		32.4	13.8	15.4	7.9	11.1	19.5
F4	21.6	23.5	21.6	14.9	7.7	10.7		18.5	23.7	22.7	11.9	8.2	15.1
C4	26	23.1	25.5	13.8	7	4.5		20.3	24.2	28.7	14.8	6.5	5.4
P4	28.1	20	23.6	16.3	7.7	4.3		24	20.7	29.4	13.9	7.3	4.6
O2	29	21.8	20	16.9	7.4	4.8		20.4	21.7	28	13.2	7.9	8.8
F8	24.7	19.4	21	12.5	8.5	13.9		29.1	23.8	13.1	9.3	12.3	12.3
T4	19.7	16.5	14.7	10	20.5	18.6		22.6	21.2	14.7	10.4	14	17.1
T6	28.3	19	21.3	13.5	9.8	8.1		21.5	23.1	19.3	13	11.2	12

BASELINE								READING					
LOCATION	DELTA 1	DELTA 2	THETA	ALPHA	BETA 1	BETA 2		DELTA 1	DELTA 2	THETA	ALPHA	BETA 1	BETA 2
F7	33.3	23.2	17.4	12	7.2	6.8		34	20.6	18.8	10.9	7.6	8.2
T3	26.8	27.5	16.7	15.1	8.8	5.3		23.3	24.5	21.6	12.1	10.7	7.8
T5	23.4	20.2	20	23	9.1	4.4		25.6	21.2	21.3	14.9	9.4	7.7
FP1	32.9	26	19.7	11.1	6.2	4.1		33.3	23.9	19.4	10.7	7.3	5.4
F3	26.2	25.5	22.3	13.4	8.2	4.3		24.9	21.6	26.2	12.5	9	5.8
C3	30.2	24.3	15.7	19.7	6.7	3.3		25.8	21.5	25.9	15.6	7.4	3.9
P3	28.3	22	17.6	21.5	7.4	3.2		26.6	23.9	23.9	12.9	8.3	4.4
O1	24.2	19.8	16.7	28.4	7.8	3.1		22.3	19.6	21.9	19.9	8.9	7.5
FZ	25.1	26.3	25.2	12.6	7.2	3.7		28.8	22.5	25.1	11.4	8.3	3.9
CZ	27.4	29.3	19.6	14.9	5.5	3.3		28.5	23.2	24.9	13	6.9	3.6
PZ	28	21.8	17.6	21.1	8.4	3.1		27.2	21.5	23.4	15.5	8.3	4.1
FP2	34.2	25.2	20.3	9.9	6.3	4.2		34.7	22.9	19.1	11	7.1	5.2
F4	25.4	25.7	24.2	12.1	7.3	5.2		29.3	21.6	23.6	12.1	8.4	4.9
C4	25.5	23.2	17.4	23.3	7	3.8		28.2	18.4	21.7	19.7	7.8	4.2
P4	25.4	21.6	17.1	23.6	8.9	3.4		28.2	21.2	21.9	15.2	9.1	4.4
O2	25.1	22.9	16.5	25	7.9	2.6		21.3	19.2	26.8	17.8	9.4	5.5
F8	35.4	22	20.6	9.9	5.7	6.5		38.9	27.4	17.7	7.1	4.4	4.6
T4	23.3	17.6	15.2	13.3	12.5	18.1		27.7	15.9	13.8	9	12.9	20.6
T6	23.1	21.9	19.6	21.3	9.8	4.3		29.4	18.3	20.8	14.2	11.4	6
DRAWING								RAVENS					
LOCATION	DELTA 1	DELTA 2	THETA	ALPHA	BETA 1	BETA 2		DELTA 1	DELTA 2	THETA	ALPHA	BETA 1	BETA 2
F7	29.5	23	19	11.4	8.7	8.3		31.2	23.5	20.7	10.9	6	7.7
T3	21.5	20.7	17.4	16.2	12.1	12.2		20.2	22.9	24.4	13.9	10.7	8
T5	18.9	17.7	17.9	16.9	14.3	14.2		28.3	19.5	25.7	11.6	9.3	5.6
FP1	30.6	22.7	22.5	11.1	7.5	5.7		38.1	25	17.5	9.1	5.4	4.8
F3	24.6	24.5	25.9	11.1	8.6	5.3		28.6	23.7	27.6	9.7	5.7	4.6
C3	24.8	25.5	24.7	12.5	7.5	5		22.7	22.1	27.8	18.6	5.2	3.5
P3	23.8	23.1	22.6	13.7	9.6	7.2		26.2	19.5	27.8	15.2	7.5	3.8
O1	23.1	16	16	17.8	11.3	15.8		30.5	19.8	25.1	12.7	7.4	4.5
FZ	27.8	23	26.4	11	7.8	4.2		29.3	22.6	28.7	9.7	5.8	3.8
CZ	23.6	25.5	25.4	14	7	4.5		22.7	23.4	33.7	12.1	4.8	3.3
PZ	23.5	24	20.1	17.1	9	6.3		28.4	19.8	26.1	16.1	6.3	3.3
FP2	30.3	20.2	23.6	11.4	8	6.6		37.5	28	15.9	8.9	5.3	4.4
F4	24	23.1	26.4	11.4	9	6		28.9	26.3	23.2	10.4	6.3	5
C4	19.5	19.6	19.5	28.5	7.8	5.1		20.7	18.9	24.8	24.6	6.4	4.6
P4	21.3	22.6	19.5	18.5	10.7	7.4		27.1	20	24.1	17.5	7.5	3.9
O2	19.8	19.3	16.3	21.7	10.7	12.2		31.3	20.3	25.9	12.4	7	3
F8	34.5	23.6	20.5	8.2	5.6	7.6		34.5	24.3	18.8	8.8	5.5	8
T4	18.2	15.4	10.1	8.5	15.2	32.6		23	20.7	16.2	11.2	12.4	16.5
T6	20.2	19.1	17.8	16.7	13.6	12.6		28.1	18.1	22.2	16	10.5	5
STORY								CODING					
LOCATION	DELTA 1	DELTA 2	THETA	ALPHA	BETA 1	BETA 2		DELTA 1	DELTA 2	THETA	ALPHA	BETA 1	BETA 2
F7	27.9	18.3	22.1	10	8.8	12.8		31.6	19.8	22.3	10.6	8.4	7.4
T3	21.4	19.1	19.5	14.3	13.6	12.1		26	21.7	19.2	15.1	9.8	8.2
T5	17.5	15.3	22.6	28.9	10.2	5.5		24.6	17.5	21.2	18.5	9.8	8.4
FP1	32.3	18.4	26.3	9.8	7.2	6		32.2	19.9	22.5	11.8	7.4	6.2
F3	26.5	16.6	30.9	11.5	8.3	6		23.1	21.2	30.3	12.4	8.3	4.8
C3	24.3	20.6	27.2	16.4	7.9	3.6		22.5	21.5	26.3	15.2	8.2	4.3
P3	22.7	19.3	23.5	22.7	8.6	3.1		30.1	22.1	21.6	13.8	8	4.4
O1	20.8	19.4	17.4	28.3	9.3	4.7		29.3	19.8	16.2	17.3	9.1	8.3
FZ	26.1	18.1	31.9	12.1	7.7	4.2		22.9	24.4	28.6	11.8	8.1	4.1
CZ	25.3	23	26.3	16.2	6	3.2		24.6	24.8	25.5	13.8	7.5	3.8
PZ	23.8	18.4	21.6	25.8	7.9	2.5		26.8	22.6	22.8	15.9	7.8	4.1
FP2	26.2	20.5	28.5	10	8.1	6.6		31.7	21.7	19.7	9.3	8.5	9.2
F4	23.8	19.1	30.6	11.7	8.9	5.8		24.7	24.5	22.3	12.2	9.6	6.8
C4	18.1	17.7	23.4	28.7	7.7	4.4		21	20.4	21.7	24.5	7.7	4.7
P4	21.7	19.2	20.6	27	8.4	3.2		27.4	21.6	20.7	16.9	9	4.3
O2	17.9	21.9	20	25.2	11.6	3.4		30.2	22	17	17.7	7.9	5.4
F8	32	27.1	21.8	5.5	5.1	8.5		35.3	23.5	18.4	7.1	6.8	8.8
T4	14.5	17.8	20	10	15.6	22.2		19	16.9	13	9.5	16	25.7
T6	17	21.8	23	22.7	10.7	4.8		25.2	19.4	19.5	18.2	10.2	7.5

BASELINE								READING					
LOCATION	DELTA 1	DELTA 2	THETA	ALPHA	BETA 1	BETA 2		DELTA 1	DELTA 2	THETA	ALPHA	BETA 1	BETA 2
F7	34.1	23.2	19.6	12.6	6.1	4.5		24.7	21.4	23.6	10.7	10.6	9
T3	21.7	19.2	12.2	8.7	14.1	24.1		15.5	15.2	16.2	6.7	16.5	29.9
T5	24	26.3	21.2	16.1	7.2	5.2		20.9	22.9	27.1	13	8.8	7.3
FP1	30.7	23	23.7	11	6.7	4.8		26.7	24.5	27.3	11.5	5.9	4.2
F3	29.8	25.5	23.1	13	5.5	3.2		25.6	25	29.9	10.9	5.3	3.3
C3	27.1	27.6	21.9	16.2	4.6	2.6		23.5	21	31.1	11.3	7	6.1
P3	24.4	28	22.6	17.3	4.9	2.7		21.9	20.9	33.7	14.6	5.2	3.7
O1	19.1	24.5	20.6	18.6	8.7	8.5		14.4	19.7	25.2	16.7	10.5	13.6
FZ	29.7	24.8	24.8	13.9	4.6	2.1		24.3	24.9	32.4	11.5	4.4	2.6
CZ	24	25.4	25.4	19.3	4	1.9		22.2	21.5	36.9	13.4	3.9	2.1
PZ	25.2	25.3	23.9	19	4.5	2.1		18.9	19.5	39.9	15.9	3.7	2.1
FP2	31.1	22.1	24.7	11.5	6.1	4.5		27.7	23.9	25.5	10.7	6.3	5.9
F4	26	23.1	24	15.1	7	4.8		21.7	24.9	30.6	12.1	6.4	4.4
C4	25.7	27.2	20.9	18.7	5.1	2.4		22.4	21.4	33.1	14.7	5.4	3.1
P4	24.4	25.2	23.3	19	5.7	2.4		19.5	21.3	36	15.9	4.6	2.8
O2	20.2	24.7	19.6	18.9	9.3	7.4		16.7	20.2	25.7	15.3	9.7	12.4
F8	30.5	23.8	22	12.7	7	4.1		32.6	23.7	21.2	10.6	6.9	4.9
T4	22	19.7	17.7	13.1	16	11.6		15.5	18.2	19.6	9.7	17.4	19.5
T6	25.4	25.7	21	18	6.7	3.3		17.7	20.3	35.7	16.2	6	4
DRAWING								RAVENS					
LOCATION	DELTA 1	DELTA 2	THETA	ALPHA	BETA 1	BETA 2		DELTA 1	DELTA 2	THETA	ALPHA	BETA 1	BETA 2
F7	29.1	23.9	17.7	12.3	8.9	8.1		38.1	20.7	22.1	10.6	5.2	3.4
T3	22.9	18	15.5	12.3	13.4	17.9		22.2	17.3	14.3	7.6	10.4	28.1
T5	22.9	19.5	20.8	15.8	10.8	10.2		25	23.9	20	13.9	8.8	8.5
FP1	28.5	21.3	27.1	14.6	4.5	4.1		37.9	21.1	24	9.1	5	2.8
F3	21.5	26.8	26.8	15.7	5.6	3.6		32.1	24.6	25.2	10.4	4.7	3
C3	19.7	26.5	23.5	17.1	6.4	6.8		26.2	25.6	22.2	14.3	5.6	4
P3	25.9	24.5	21	16	6.7	5.9		28.7	25.9	19.4	14.4	6.8	4.9
O1	19.2	18.2	15.8	16.1	12.4	18.3		15	22.4	15.7	15.7	14.6	16.6
FZ	21	24.4	32	15.3	4.4	2.9		29.9	23.7	28.9	10.2	4.6	2.7
CZ	21.8	23.5	28.8	17.9	4.5	3.6		28.6	27.3	24.9	12	4.5	2.7
PZ	26.6	24.4	22.8	16.1	5.1	4.9		32.8	28	17.8	12.9	5.2	3.2
FP2	28.4	20.7	29.4	13.4	4.2	3.9		38.1	19.8	24.8	9.5	4.9	3
F4	20.4	23.1	31.7	14.2	5.8	4.8		29.2	24.8	25	12.2	5.4	3.5
C4	20.6	20.2	30	17	6.1	6		25.1	27.3	21.8	17.3	5.5	3
P4	24.6	22.5	22.4	16.1	6.2	8.2		27.1	30.9	17.1	14.8	6.1	3.9
O2	16.6	13.1	12.5	14.4	12.9	30.4		16.9	25.3	14.8	14.1	13.4	15.5
F8	21.9	21.4	28.3	15.8	5.6	7		36.7	21.2	20.5	11.6	5.3	4.7
T4	16.9	17.2	21.2	11.4	18.9	14.4		21.9	27.2	18	13.9	10.3	8.7
T6	26.3	21.6	18.6	12.5	9.8	11.2		21.8	31.5	20.8	12.6	7.6	5.5
STORY								CODING					
LOCATION	DELTA 1	DELTA 2	THETA	ALPHA	BETA 1	BETA 2		DELTA 1	DELTA 2	THETA	ALPHA	BETA 1	BETA 2
F7	27.8	25.5	22.6	12.5	6.6	5		29.2	24	18.7	11.6	9.1	7.5
T3	13.7	13.6	11.1	7.5	19.8	34.2		21.2	18.1	13.8	8.1	16.7	22.1
T5	21.6	21.5	24.5	16.1	9	7.3		30.9	23.9	17.8	12.5	7.7	7.3
FP1	32	23.8	23.9	10.4	5.7	4.3		34.6	25.6	20.1	8.8	6	4.9
F3	25.4	24.9	29.8	11.4	5.2	3.3		30.7	31	18.6	10.9	4.8	4
C3	25	21.6	28.8	17.4	4.6	2.6		25.1	26.8	20.4	11.6	7.7	8.5
P3	23.1	21.2	28.5	18.4	5.9	3		31.4	27.4	17.3	12.4	6.2	5.3
O1	19.4	16.4	20.5	18	12.1	13.6		24.2	23	15.9	15.5	10.3	11.2
FZ	26.6	26.2	28.8	11.8	4.3	2.3		27.5	32.7	21.6	10.5	4.6	3.2
CZ	26.1	21.9	31.7	14.8	3.8	1.7		32.8	27.7	20.9	11.1	4.5	3.1
PZ	26.3	20.1	30.1	17	4.8	1.8		30.6	29.4	18.3	12.8	5.1	3.9
FP2	31.5	22.9	24.8	10.7	5.3	4.7		34.7	23	21.2	8.6	5.8	6.7
F4	23.9	26.1	26.4	11.5	6.9	5.1		25.9	30	21.2	10.7	6.8	5.5
C4	28.3	26.3	25.9	12.6	4.6	2.4		32	29	19.4	9.5	5.5	4.6
P4	29.5	21.9	26.9	14.3	5.4	2		34.3	29.7	16.3	9.5	5.3	4.8
O2	24.4	21.5	21.6	15.8	9.6	7.1		22.9	20.5	10.9	13.8	12.9	19
F8	34.6	23.6	21.3	10.2	5.3	5		38.1	25.1	17.2	8.1	5.3	6.1
T4	21.4	20.5	13.7	8.3	16.9	19.2		24.9	19.4	12	6.2	17.7	19.9
T6	24.1	25.3	27.1	14	6.5	3.1		35.5	25.2	16.1	9	7.2	7

BASELINE								READING					
LOCATION	DELTA 1	DELTA 2	THETA	ALPHA	BETA 1	BETA 2		DELTA 1	DELTA 2	THETA	ALPHA	BETA 1	BETA 2
F7	12	19.3	23.4	13.7	13.6	18.1		25.8	18.4	24.5	9.4	10.3	11.6
T3	18.3	16.6	24.4	12.4	13	15.3		23.4	17	26.9	9.3	12.3	11.1
T5	15.1	14.4	24.1	32	9.2	5.1		19.9	16.5	30.6	19.9	8.8	4.2
FP1	20.4	16.8	24.9	14.9	13.5	9.6		29.2	20.5	25.2	11.2	9.3	4.8
F3	15.7	20.6	28.9	16.9	11.3	6.7		18.8	22.3	28.6	11.9	12.9	5.4
C3	14.6	17.4	27.8	28.2	8.3	3.7		18.8	19.1	31.3	17.3	8.7	4.8
P3	15.8	16.8	22.9	34.2	7.7	2.5		25.4	17	21.9	26.3	6.4	3
O1	16	16.5	20.1	34.5	8.8	4		14.7	13.6	18.6	25.6	13	14.5
FZ	18	17.8	34.8	16.4	9.4	3.5		19.4	24.3	31.3	11.7	10.1	3.2
CZ	12.5	18.2	36.8	22.5	7.1	2.9		18.9	24.1	31.9	15.3	6.7	2.9
PZ	11.2	14.2	22.2	44.3	6.2	1.9		23.4	15.8	21.5	31.2	5.8	2.3
FP2	21.1	15.9	27.3	15.3	12.5	7.9		26.7	19.8	28.4	10.6	9.6	4.9
F4	15.1	18.5	30.4	15.7	12.4	7.9		18.1	20.6	31.4	12.3	11.4	6.1
C4	16.1	18.9	28.8	25.3	7	3.8		21.8	17	25	20.9	10.5	4.8
P4	15.2	13.7	19.8	43.9	5.4	2		26.2	18.5	18.8	24.8	7.5	4.2
O2	18.2	15.5	19.1	32.1	8.5	6.6		13.2	11.3	13.3	20.7	16.2	25.4
F8	16	14.7	22.7	13	14.2	19.3		21.8	16.5	24.7	10.7	13.9	12.5
T4	18.4	12	13	12.4	21.2	23		8.6	6.5	10.1	7.8	29.3	37.7
T6	16.4	13.8	25	27.8	10.1	6.8		20.1	16.5	24.3	19.4	10.9	8.9
DRAWING								RAVENS					
LOCATION	DELTA 1	DELTA 2	THETA	ALPHA	BETA 1	BETA 2		DELTA 1	DELTA 2	THETA	ALPHA	BETA 1	BETA 2
F7	29.3	14	24.8	10.9	8.4	12.5		28.6	17.2	25.4	11.1	7.8	9.9
T3	22.8	11.7	35.8	13.4	8.8	7.6		17.5	15.8	33.5	11.9	10.1	11.3
T5	19.4	17	34.6	15.6	9.3	4.1		23.2	25.7	26.8	14.7	6.5	3
FP1	33.4	23.5	23.9	9	6.4	3.9		34.9	20.6	26.2	8.5	6.7	3.1
F3	22.7	21.1	31.8	10.3	8.3	5.7		19.9	18.2	34.8	12.8	9.6	4.7
C3	19.9	24.1	29.1	15.5	7.3	4.1		16.3	20.4	34.2	19.1	6.2	3.8
P3	22.3	20	27.6	18.8	8.1	3.2		16.5	22.7	29.2	22.6	6.4	2.7
O1	18.6	20.8	19.2	17.4	12	12		20.7	27.7	20.9	17.6	8.4	4.6
FZ	25.6	25.3	29	9.2	7.8	3.1		26.3	21.9	33	8.5	7	3.3
CZ	27.2	23.6	26.9	14.3	5.5	2.5		12.9	24	37	16.9	6	3.1
PZ	27.5	21.1	18.4	23.5	6.6	2.9		19.5	23	23.3	25.2	6.6	2.4
FP2	35.4	24.8	21.5	8.4	6	4		35.7	23.7	23.4	7.6	6.1	3.6
F4	26.8	26	25	8.4	8.8	4.9		24.4	22.7	30.1	9.2	8.1	5.5
C4	28.6	18	25.7	16.8	6.9	4		11.7	20.8	35.8	20.3	7.4	4
P4	23.9	20.5	21	22.5	8.4	3.7		18.3	24.8	25.3	21	7.6	3
O2	11.3	16.2	12.8	17.7	18.2	23.8		19.3	25.2	18.8	15.8	10.8	10.1
F8	32.6	19.1	19.8	9.4	7.9	11.1		30.7	20.7	20.5	8.6	8.2	11.3
T4	19.7	14.5	17.7	9.9	19.6	18.7		10.1	11.7	13.2	8	28.5	28.4
T6	18.5	22	19.1	17.1	13.9	9.4		24	19.2	26.2	14.4	10.4	5.9
STORY								CODING					
LOCATION	DELTA 1	DELTA 2	THETA	ALPHA	BETA 1	BETA 2		DELTA 1	DELTA 2	THETA	ALPHA	BETA 1	BETA 2
F7	30.9	20.1	21.7	8.7	8.9	9.7		21.8	25.1	20.2	9.7	10.6	12.6
T3	25.7	21	22.7	11.5	9	10.2		19.3	29.2	26.9	12.4	7.1	5.1
T5	14.3	14.6	37.6	23.5	6.9	3		15.8	25.6	28.3	17.8	7.6	4.8
FP1	31.7	18.7	19.9	8.6	10.6	10.5		29.5	22.7	26.8	9.1	7.9	4
F3	26.4	19.4	31.4	10.4	8.4	4.1		19.6	27.5	25.5	10.6	11.9	4.9
C3	15	19.9	28.1	27.8	6.5	2.7		20.1	28.3	29	12.9	6.5	3.1
P3	18.5	16.4	28.6	28.5	6.2	1.9		21.7	20.3	28.4	19.4	6.9	3.3
O1	15	15.6	22.5	29.3	10.3	7.4		11.5	13.9	19.2	17.2	15.4	22.8
FZ	28.5	20.3	29.4	11.3	7.3	3.2		20.1	24.6	30.9	10.1	10.6	3.7
CZ	15.3	22.1	35.3	18.8	5.9	2.6		20.5	25.5	30.2	15.4	5.7	2.6
PZ	16.8	16.3	23.9	34.4	6.6	2		19.1	18.8	25.6	27.3	6.2	3
FP2	33.2	19.2	19	8.5	10.7	9.3		31.3	21.7	24.9	8.9	7.9	5.4
F4	25.3	18.6	26	11	11.8	7.2		20.8	22.7	29.1	11.2	9.6	6.6
C4	20.4	19	27.8	22.1	6.6	4.1		16.7	17.5	28	27.2	6.6	4
P4	18.6	16.8	21	32.8	7	3.7		20.2	17.7	25	24.6	7.1	5.5
O2	10.9	13.7	16.3	26.6	13.6	18.8		8.7	9.6	11.7	18.6	16.9	34.6
F8	34.1	19.3	20.5	10.3	8.2	7.6		28.2	18.7	23.1	10.6	8.9	10.6
T4	10.2	6.4	8.2	7.6	21.1	46.5		22.1	16.3	19.9	15.1	12.4	14.1
T6	16.5	15.1	22.5	26.9	11	8		19.9	17.4	23.3	19.7	8.8	10.9

BASELINE						
LOCATION	DELTA 1	DELTA 2	THETA	ALPHA	BETA 1	BETA 2
F7	26.7	21.4	21.3	15.8	7.2	7.7
T3	19.6	18.6	21.6	20.5	10.2	9.5
T5	17.1	15.2	21.4	32.1	9	5.2
FP1	30.7	22.3	21.1	14.4	6.6	4.8
F3	25.4	25.6	23.7	15.9	5.9	3.5
C3	17.1	19.3	24.8	29.9	6.2	2.7
P3	13.8	15.7	22.2	40.7	5.5	2.2
O1	20.7	21.9	17.2	24.7	6.9	8.6
FZ	29.7	25	22.7	14.7	5.3	2.5
CZ	18.6	18.5	21.3	34.9	5.1	1.5
PZ	15.1	17.5	22.8	38.1	5.1	1.4
FP2	31.8	22.8	21.1	14.2	6	4.2
F4	29.4	23.6	22.3	15.5	6.4	2.8
C4	20.3	17.6	24	29.9	6.2	2
P4	14.4	14.7	23.7	40.1	5.3	1.8
O2	21.7	21.3	17.6	27.3	6.1	6
F8	31.4	18.5	21.6	17.5	6.4	4.5
T4	21.5	17.1	18.1	22.5	10.3	10.5
T6	14.4	16.7	21.8	37.5	6	3.6

READING					
DELTA 1	DELTA 2	THETA	ALPHA	BETA 1	BETA 2
26.5	23.7	29	12.1	5.2	3.6
30.3	21.2	24.7	13.8	6.5	3.5
23.4	19.4	18.7	25.6	8.4	4.6
33.5	24.3	28.5	8.7	3.3	1.6
25.7	27.4	29.1	11	5.1	1.7
25.9	23	24.6	19.9	5	1.6
22.6	17.3	20.6	32	5	2.5
17.2	17.1	16.5	23.1	11.3	14.9
30.1	27.3	29.3	8.2	3.7	1.3
23.7	23.4	23.7	23.4	4.7	1.2
22.7	17.7	20	33.7	4.5	1.4
33.1	24.9	29.3	7.1	3.6	2
27.2	26	29.7	10.3	5	1.8
23.2	22.6	25.7	22.3	4.9	1.3
25.6	18.4	20	30.6	3.9	1.5
20.6	18.7	18.6	26.8	7.2	8.1
29	23.7	29.4	10.8	4.6	2.5
23.5	25.2	24.8	16.2	7.1	3.2
19.8	20.7	22.5	29	4.8	3.2

DRAWING						
LOCATION	DELTA 1	DELTA 2	THETA	ALPHA	BETA 1	BETA 2
F7	27.1	20.8	27.3	11.3	7.3	6.2
T3	23.6	22	33.6	11	6.6	3.2
T5	17.5	23	26.8	16.5	9.1	7.1
FP1	26.5	25.6	33.4	6.5	4.5	3.5
F3	21.8	24.5	35.8	9.4	5.5	3
C3	21.7	24.5	33.6	13.7	4.4	2
P3	22.5	23.9	27.3	17.4	5.3	3.5
O1	11.1	14.6	18.6	18.4	13.1	24.1
FZ	21.5	23.9	40.8	8.5	3.9	1.5
CZ	20.5	20.2	32.5	21.9	3.4	1.5
PZ	23.5	21.4	28.2	20.1	4.4	2.4
FP2	25.4	23.8	33.9	7.9	5.2	3.8
F4	22.7	22.6	36.2	10.3	4.6	3.6
C4	19.9	18.8	32.7	23.1	3.9	1.7
P4	21.4	20.6	31.3	18.5	5.2	3
O2	12.8	17.1	23.3	18.5	12	16.3
F8	25.9	22.8	29.6	12.4	5.3	4
T4	26.3	18.9	26.3	14.5	8.6	5.4
T6	21.3	21.2	26.1	16.3	7.9	7.3

RAVENS					
DELTA 1	DELTA 2	THETA	ALPHA	BETA 1	BETA 2
30.4	23.5	23.4	12.8	6.5	3.5
28.1	22.9	25.7	12.4	7.4	3.5
27.4	22.4	21.2	19.4	6.5	3.1
31.1	24.6	25.9	9.9	5.6	2.8
23.4	28	26.9	13.5	6	2.1
21.5	22	25.1	24.2	5.5	1.7
26.2	21.2	21.6	24.6	4.7	1.7
23.7	19.4	14.9	20.1	9.1	12.8
26.2	26	30.2	10.5	5.4	1.8
24.3	25.4	21	23	4.9	1.4
29.3	21.2	18.6	25.1	4.5	1.4
31.3	24.9	25.3	10	5.7	2.8
25.2	26.8	26.6	13.2	5.9	2.2
21	21.3	19.9	31.2	5.1	1.6
27.8	20.2	19.3	26.6	4.6	1.6
25	20.8	15.9	20.9	8.2	9.2
29.8	24.6	23.8	12.6	5.9	3.3
25.4	24.7	21	16.8	8.1	4
25.5	20.8	19.2	25.9	5.5	3.1

STORY						
LOCATION	DELTA 1	DELTA 2	THETA	ALPHA	BETA 1	BETA 2
F7	26.8	19.5	25.8	15.3	7.7	4.9
T3	26.4	20.1	24.4	15.3	9.8	4
T5	18.3	18.7	26.8	24.1	7.1	4.9
FP1	29.8	20.4	28.5	13.4	5.2	2.7
F3	24.8	24.2	28.9	13.9	6	2.1
C3	24.8	23.1	25.1	19.4	5.9	1.6
P3	21.4	19.2	23.3	28.9	5.3	1.7
O1	14.5	17.3	20.6	26.5	9	12.1
FZ	26.3	24.1	30.4	12.3	5	2
CZ	19.5	22.3	26.2	24.7	6.2	1
PZ	22.4	21	22.2	27.9	5.4	1.1
FP2	29.5	20.7	29.3	12.9	5	2.5
F4	26.2	26.6	28.7	12.2	4.8	1.6
C4	26	25.8	24.4	17.4	5.3	1.1
P4	22.2	23.1	23.5	25.2	5	1.1
O2	19.8	21	21.9	24.1	6.4	6.8
F8	27.8	25.4	25.7	12.6	5.8	2.8
T4	26.7	25.8	23.4	13.9	7.4	2.8
T6	20.6	22.9	24.8	24.6	4.8	2.3

CODING					
DELTA 1	DELTA 2	THETA	ALPHA	BETA 1	BETA 2
30.9	22.2	25.5	11.6	5.4	4.3
26.9	24.8	27.9	10.9	6.2	3.2
19.9	22.8	31.2	15.6	6.4	4
31.3	22.6	31.8	9.1	3	2.2
27.6	24.5	31.9	10.8	3.5	1.7
22.7	26.8	30.6	14.5	3.7	1.8
22.5	24.7	28.8	17.9	3.9	2.1
16.6	19.6	20.1	17.1	11.9	14.7
23.2	23.8	38.1	10	3.4	1.5
22.4	27.4	29.6	16.3	3.2	1.2
27.1	25.2	24.3	18.8	3.3	1.4
29.1	21.4	33.7	9.8	3.4	2.7
24.8	24.4	32.3	12.1	4.5	1.8
20.2	26.1	30.6	17.4	4	1.6
26.6	25.4	25.2	17.5	3.8	1.6
20	24.2	20.9	15.1	8.6	11.1
26.9	22.4	31	12	4.4	3.3
23.9	25.5	25.6	14.3	7.2	3.4
23.5	24.3	25.6	17	5.4	4.2

BASELINE								READING					
LOCATION	DELTA 1	DELTA 2	THETA	ALPHA	BETA 1	BETA 2		DELTA 1	DELTA 2	THETA	ALPHA	BETA 1	BETA 2
F7	40	20.4	10.5	12.9	8.4	7.8		40.9	21.5	14.5	7.2	8	7.9
T3	27.1	18.7	13.6	20.9	10.4	9.3		22.4	20.4	16.1	9.1	12.4	19.7
T5	18.6	20	16.1	26.8	13.1	5.4		18.6	19.4	25.8	11.2	13.7	11.3
FP1	27.8	19.2	11.6	15.5	9	16.9		30.4	22.6	20.2	10.1	8.9	7.8
F3	22.6	22.9	12	18	10.9	13.7		26.8	21	23.6	9.1	10.4	9.1
C3	23.2	24.2	16	25.8	6.9	3.8		27.4	25.4	24.8	11.3	6.5	4.4
P3	23.3	20.4	15.8	28.5	8.9	3		22.3	23.5	30.7	11.9	8	3.6
O1	23.7	24.2	15	22.5	10.8	3.8		18.3	17.2	30.7	17.3	11.3	5.3
FZ	26.5	25.7	16.5	20.3	6.7	4.4		26	22.7	29.9	10.6	6.2	4.6
CZ	27	25.6	14.1	25.6	5.1	2.6		34.7	24.1	22.6	10.6	5	3
PZ	24.3	19.7	12.9	34.9	6	2.2		25.8	22.6	29.4	12.8	6.5	2.9
FP2	26.8	19.8	11.4	14.6	11.8	15.7		27.2	20.5	21.9	11.9	9.5	9
F4	24.9	24	11.8	15.1	13	11.1		27.5	21.6	24.3	10.4	7.9	8.3
C4	25.9	25.1	13.6	25.8	6.2	3.3		30.1	23.1	24.9	11.4	6.7	3.9
P4	20.3	20.3	13.7	35.2	7.7	2.8		24.4	22.5	28.9	13.3	7	3.9
O2	23.3	24.2	14	25.6	9.3	3.6		18.7	19.2	32.7	16	8.8	4.6
F8	24.8	21.1	12.6	13.8	10.4	17.3		25.9	20.3	22.5	12.3	9.3	9.8
T4	18.1	17	11.6	29.7	12.6	11.1		21.6	19.7	17.7	18.2	13.2	9.5
T6	24	22.4	13.3	23.5	11.1	5.8		20.9	21.6	21.5	15	11.2	9.8
DRAWING								RAVENS					
LOCATION	DELTA 1	DELTA 2	THETA	ALPHA	BETA 1	BETA 2		DELTA 1	DELTA 2	THETA	ALPHA	BETA 1	BETA 2
F7	42.6	17.9	11.7	12.2	6.8	8.8		48	19.3	11.7	10	6.3	4.8
T3	30.9	13.4	14.7	13.5	9.2	18.3		22.8	18.2	13.2	15.5	12.7	17.5
T5	17.5	13.8	13.2	13.3	18.3	24		24.2	31.5	15.9	13.5	9.4	5.5
FP1	26.3	28.7	14.6	17.3	7.6	5.5		43.3	20.3	13.5	12	6	4.9
F3	28.2	19.3	16.8	15.6	11.8	8.3		40.6	20.9	14.5	13.3	5.5	5.3
C3	25.2	20	22.9	19.4	7.4	5.1		31.2	19.3	19.8	20.3	5.6	3.8
P3	23.8	21.3	21	14.8	12.1	7		27.7	22.6	20.5	17.4	7.8	4
O1	19.8	16.2	15.4	13	17.9	17.7		25.2	23.8	22.4	14.8	9.6	4.2
FZ	23.1	22.9	20.9	19.4	8.3	5.4		36.4	22.9	20.5	12.4	5	2.9
CZ	19.2	20.6	27.7	20.4	7.3	4.7		34.5	19.5	20.2	17	5.6	3.2
PZ	19.5	22.6	27	17.1	8.9	4.8		24.7	21.4	21.1	21.2	7.7	3.9
FP2	26.5	27.8	15.3	15	8.2	7.2		38.6	22.2	16.7	12.2	5.3	5
F4	20.2	21.8	19.7	16.2	11.8	10.3		32.2	22.1	21	12.1	7.2	5.5
C4	16.1	24.4	26.1	18	9.3	6		28.1	17.5	26.2	17.3	6.9	4
P4	20.9	24.2	25.8	14.7	9.2	5.1		22.6	22.5	23.3	19.1	8.1	4.5
O2	17.4	17.5	17.7	14.3	20.1	13		21.4	23.5	27	15.7	7.6	4.9
F8	31.9	17.4	16.5	15.7	9.1	9.5		35.4	17.5	20.4	10.6	8.1	8.1
T4	14.4	15.9	8.5	20.2	14.6	26.4		16.1	16.7	17.9	24.3	13.4	11.6
T6	15.4	17.9	16.3	14.7	13.7	22		24.8	23.1	18	18.3	9.3	6.5
STORY								CODING					
LOCATION	DELTA 1	DELTA 2	THETA	ALPHA	BETA 1	BETA 2		DELTA 1	DELTA 2	THETA	ALPHA	BETA 1	BETA 2
F7	40.3	18.6	15.6	11.4	7.3	6.8		39.1	24.2	12.5	8.5	7	8.6
T3	20.3	14.4	12.2	9.7	14.8	28.6		25.4	16.3	12.4	20.4	9.6	15.9
T5	25.9	24.9	18.3	16.9	10.3	3.7		14.7	14	17.4	20	16	18
FP1	30.8	22.6	18.1	12.5	8.4	7.6		28.7	28.8	16	11.7	7.6	7.2
F3	29.8	22.7	15.9	11.7	10	9.8		26.4	25	20.7	12.6	7.5	7.8
C3	32.9	25.9	18.4	13.6	5.9	3.4		16.3	18.3	25.7	26.6	7.7	5.4
P3	28.1	23.7	18.3	19.2	8.1	2.5		15.9	17.2	24.4	24	11.5	6.9
O1	30.5	27.4	16.3	13.7	9.9	2.3		16.1	12.9	20.2	15.7	16.2	18.9
FZ	28.3	25.7	22.9	11.9	6.9	4.3		26.3	24.8	23.1	12.6	7.5	5.6
CZ	29.8	27.6	19.5	14.7	5.5	2.9		18.8	23.2	28.6	17	7.9	4.6
PZ	29.4	24.6	15.9	21.3	6.6	2.1		17.7	20.2	27.5	19.7	9.5	5.4
FP2	28	25.3	17.9	13.3	8.1	7.5		32.8	26.9	14.9	11.4	7.2	6.8
F4	23.9	25.4	21.6	12.5	9	7.6		29.9	26.4	18.6	10.6	7.2	7.4
C4	28.9	25	21.1	14.7	6.5	3.7		17.5	22.9	28.3	17.1	8.5	5.6
P4	31.3	23.3	16.2	19.7	7.2	2.3		23	20.4	23.6	17	9.8	6.2
O2	30	26	16	16.9	8.6	2.5		16.5	16.5	20.9	16.1	14	16
F8	27.6	22.2	17.3	13.8	10.3	8.8		32	28.1	14.1	11.2	7.2	7.4
T4	24.4	18.3	16.9	11.1	13.3	15.9		20	15.8	12.1	27.5	10.7	13.9
T6	27.7	20.7	19.9	15.7	11.7	4.2		18.5	15.6	15	16.1	15.8	19

BASELINE								READING					
LOCATION	DELTA 1	DELTA 2	THETA	ALPHA	BETA 1	BETA 2		DELTA 1	DELTA 2	THETA	ALPHA	BETA 1	BETA 2
F7	27.7	20.8	18.3	18.1	9.9	5.1		33.9	19.7	16.3	10.1	10.3	9.7
T3	14.4	10.6	9	12.5	32	21.5		10.1	12.4	10.1	6.6	31.6	29.2
T5	20.9	15.7	22.3	28.3	9.7	3		17.9	23.6	22.4	15.9	10.7	9.4
FP1	25.3	21.7	18.1	21	8.1	5.9		32.7	23.8	19.5	10	8	6.1
F3	24.8	26	20.8	18.2	6.8	3.4		30.2	23.6	25.2	9.7	7.2	4.1
C3	17.9	16.9	18.6	39.2	5.5	1.8		21.7	19.8	22.6	25.6	7.8	2.5
P3	22.9	15.2	18.7	36.3	5.5	1.4		22.5	21.7	27.3	18.3	7.1	3.1
O1	25.2	20.3	19.9	24.1	7.2	3.2		16.1	20.9	26	13.6	11.8	11.6
FZ	21.5	27	23.1	18.9	6.6	2.9		27.9	26.4	26.6	10.5	6.3	2.3
CZ	19.6	21.7	25.4	25	6.4	1.8		26.1	26.5	24.8	14.6	6	2
PZ	22.5	17.6	20.8	33.1	5	1		23.5	25.4	25.2	16.5	6.7	2.6
FP2	25.8	22.1	19.5	19	8.9	4.8		32.8	22.3	20.6	10.3	8.8	5.3
F4	23.3	26.1	22.9	17.2	7.2	3.3		29	22.5	27	10.9	7.6	3
C4	18	17.3	20	36.2	6.3	2.3		26	22	25.7	16.6	7.2	2.6
P4	22.7	19.8	18.5	31.5	5.9	1.6		28.4	25.5	21	15.7	6.3	3.2
O2	22.8	23.8	20	24.1	7	2.3		20.1	22.1	26.1	11.4	10.6	9.7
F8	25.4	23.8	20.7	15.1	9.8	5.1		21.6	21.8	26.2	12	11.6	6.8
T4	13.5	10.8	10.5	12.2	22.5	30.6		11.1	7.7	7.3	6.7	31.1	36.1
T6	17.3	22.1	25.3	24.6	8.3	2.5		20.6	24.4	28.7	12.3	8.6	5.4
DRAWING								RAVENS					
LOCATION	DELTA 1	DELTA 2	THETA	ALPHA	BETA 1	BETA 2		DELTA 1	DELTA 2	THETA	ALPHA	BETA 1	BETA 2
F7	15.9	26.2	20.9	15.7	10.1	11.3		39	28.7	14.6	10	4.9	2.8
T3	13.6	15.1	10.7	9.6	23.4	27.7		14	10.9	8.2	11.1	33.5	22.4
T5	19.3	18.7	12	10.6	19.7	19.7		19.9	23.3	17.8	15.4	12.9	10.8
FP1	20.9	28.2	21.6	11.2	9.6	8.5		33.6	29.9	15.9	11.6	5.9	3
F3	20.7	30.3	25.2	11.5	7.9	4.3		25.9	27.5	21.2	16.7	5.9	2.8
C3	23.7	31.1	23	13.1	5.8	3.3		14.6	17	22	39.3	5	2.1
P3	26.7	30.1	18.4	12.2	7.6	5.1		19.4	21	25.4	22.7	7.5	3.9
O1	18.5	20.1	14.1	13.8	13.2	20.3		15.7	20.9	23.4	14.8	10.1	15.1
FZ	17.8	31.8	26.5	14.1	7.1	2.8		24	26.6	23.9	18.4	5	2
CZ	23.3	28.7	23.2	15.9	5.9	2.9		21.5	23.7	28.4	18.7	5.1	2.6
PZ	24.9	31.4	18.3	15.5	6	3.9		22.4	22.9	25	19.5	6.9	3.3
FP2	28.3	27.6	16.1	10.1	9.6	8.3		37.3	30.4	14.6	10.3	4.9	2.6
F4	25.6	30.8	20.1	12.5	7.4	3.7		27.4	24.2	21.9	17.7	6.5	2.4
C4	22.9	25.8	18.3	24.4	5	3.5		15.9	17.5	21	35.5	6.9	3.2
P4	25	32.2	17.3	14.6	5.6	5.3		20.6	20.1	23.1	22.8	8.6	4.8
O2	17.9	21.6	14.4	13	11.7	21.5		14.3	21	21	15.1	12.5	16.1
F8	23.6	26.6	20.4	11.5	9.8	8.1		31.2	30	15.7	11.8	7.6	3.8
T4	10.4	12.4	11.4	12.4	24.8	28.7		10.4	12	7.7	5.9	38.1	25.9
T6	22.8	24.8	16.3	10.3	11.8	14.2		20.4	23.2	20.4	15.4	10.8	9.8
STORY								CODING					
LOCATION	DELTA 1	DELTA 2	THETA	ALPHA	BETA 1	BETA 2		DELTA 1	DELTA 2	THETA	ALPHA	BETA 1	BETA 2
F7	25.8	17.8	16.7	11.6	10.5	17.6		26.9	19.9	17.2	10.5	11.1	14.4
T3	10.5	8.2	7.8	10	34	29.5		23.5	15.9	15.2	14.1	16.3	15.1
T5	32.9	18.8	18.9	16.3	9.2	3.8		18.5	15.7	17.5	11.3	18	18.9
FP1	24.8	19.1	16.5	9.7	14	15.8		30	22.5	18.9	9.6	10.3	8.6
F3	25.5	25.6	23.1	12.3	8.3	5.2		32.7	20.3	23.6	9.5	8.3	5.6
C3	20.6	16	18.2	38.1	5.1	1.9		31.9	20.8	24.2	14.1	6.2	2.7
P3	27.1	20.5	18.8	24.3	7.1	2.2		26.9	22.7	24.5	14.5	7.1	4.3
O1	27.9	20.6	15.5	18.2	10.2	7.7		21.7	16.7	17.2	14.3	12	18.2
FZ	24	29	25.9	12.7	6.3	2.1		27.9	25.9	25.7	11.6	6.3	2.6
CZ	26.3	25.4	23	18.3	5.2	1.7		27.9	20.6	27	17.3	4.8	2.5
PZ	27	20.8	18.9	26.6	5.2	1.4		27.5	24.2	22.4	17	5.6	3.3
FP2	28.9	19.1	15.4	9.4	10.6	16.6		31.1	22.7	18.6	10.4	9.2	8
F4	29.2	24.6	24.3	10.2	7.7	4		27.2	24.9	23.1	12.8	8.1	3.9
C4	23.5	18	18.5	32.8	5.3	1.9		26.7	21.4	25.7	18	5.4	2.8
P4	30.6	17.2	15.8	29.4	5.5	1.6		27.6	24.9	21.9	13.3	7.3	5
O2	29.8	19.9	15.1	23.4	7.6	4.2		21.6	15.2	15.4	12.4	13.7	21.7
F8	24	19.1	18.7	10.9	11.5	15.7		26.9	21.1	18	15.3	10.3	8.5
T4	13.9	7.8	9.7	11.1	25.6	31.9		13.1	14.2	13.9	9	26.5	23.3
T6	30.2	16.8	17.5	23.7	8.9	2.9		24.9	15.5	18.7	12.7	13.5	14.7

BASELINE								READING					
LOCATION	DELTA 1	DELTA 2	THETA	ALPHA	BETA 1	BETA 2		DELTA 1	DELTA 2	THETA	ALPHA	BETA 1	BETA 2
F7	33.5	22.4	23.4	12.1	5.4	3.3		39.4	18.9	27	8	3.9	2.7
T3	23.1	22	15.7	20.7	10.5	8.1		25.5	17.8	17	11.6	14.6	13.4
T5	18.5	18	17	39.3	4.5	2.6		23.4	19.4	22.5	15.2	10	9.5
FP1	32.2	16.7	24.8	10.2	8.1	7.9		32.5	15.3	36.5	6.7	4.4	4.6
F3	27.6	19.7	28.8	15.5	5.6	2.8		25	18.6	36.6	10.8	5.6	3.3
C3	25.2	21.6	23.6	23.2	4.5	2		28.7	24.6	25	12.6	5.5	3.6
P3	22.8	19.7	16.2	36.1	3.6	1.6		25	23	24.3	15.7	6.9	5.1
O1	21.1	21.2	16.4	31.3	5.1	4.9		10.9	15.3	30.9	13.8	12.3	16.8
FZ	30.8	19.6	28.4	14.7	4.3	2.1		27.7	18.5	34.6	12	4.5	2.7
CZ	25.7	23.1	27.9	18.4	3.3	1.6		28.3	23.5	28.9	12	4.3	2.9
PZ	24.6	22.1	23.1	25.5	3.4	1.4		25.7	23.1	25	17.4	5.2	3.6
FP2	30.6	14.4	24.7	8.3	9.5	12.5		29.2	14.2	37.8	6.5	5.7	6.5
F4	27.4	20.3	29	14	5.7	3.6		24.2	14.7	39.4	10.9	6.6	4.3
C4	23.8	21	23.4	24.5	5.2	2.1		28.2	21.8	27.7	13	5.8	3.5
P4	27.8	21.4	19.3	25.7	4.1	1.7		19	24.7	24.8	20.3	6.5	4.6
O2	20.6	25.1	19.7	25.7	5	3.8		11	14.8	31.6	15	12.3	15.3
F8	34.3	18.9	24.7	13.3	5.4	3.4		36.7	18.6	25.9	8.8	5.5	4.6
T4	27.5	16.3	17.7	20.9	10.7	6.9		25.3	17.8	18.8	16	10.9	11.2
T6	23.9	18.1	18.3	32.8	4.3	2.6		15.1	17.8	24.6	23	10.3	9.2
DRAWING								RAVENS					
LOCATION	DELTA 1	DELTA 2	THETA	ALPHA	BETA 1	BETA 2		DELTA 1	DELTA 2	THETA	ALPHA	BETA 1	BETA 2
F7	29.8	18.1	29.8	15.7	4.2	2.3		29.9	41.9	17.2	6.2	2.6	2.2
T3	22.3	23.3	24.3	18	6.8	5.2		24.4	28.5	14.9	13.4	9.4	9.4
T5	19.2	17.9	28.5	14.8	10	9.7		24.6	18.4	20.9	16	9.8	10.3
FP1	26.6	15.9	43.1	8.6	3.1	2.8		30.7	35.7	23.5	6	2.2	1.9
F3	21.7	23.1	33.9	14.2	4.8	2.4		30.1	30.3	23.3	9.4	4.4	2.5
C3	19.7	24.9	28	18.4	5.1	3.9		27.6	27.6	23.3	15.1	3.7	2.7
P3	21.4	22.3	28.9	16.2	6.2	5		31.8	22	21.4	14	6.1	4.7
O1	16.7	13.1	16.8	14.5	17.3	21.6		20.8	17.9	18.8	12.3	13.7	16.4
FZ	17.8	22.1	46.9	8.9	2.8	1.4		34.2	25.5	26.7	8.6	3.2	1.8
CZ	30.2	22.6	24	16.4	3.9	2.9		34.3	24.4	22.1	13.4	3.6	2.3
PZ	26	19.5	27.9	16.8	5.2	4.6		33.9	24.1	22.2	13.3	3.6	2.8
FP2	25.1	16.4	43.8	7.2	3.9	3.8		38.4	25	24.8	6.2	2.9	2.7
F4	17.5	22.8	39.1	13.2	4.5	2.9		34.3	30.2	20.3	8.2	4.1	2.9
C4	24	20.2	23.9	23.5	4.5	3.9		30.6	30.9	19.4	13	3.7	2.4
P4	23.7	22.6	25.5	15.7	6.7	5.8		31.7	24.2	20.1	15.4	4.7	3.9
O2	14.1	13.8	16.4	15.2	17.4	23		21	21.8	19.1	12	12	14.1
F8	16.1	21.8	44.4	10.4	4.6	2.7		48.6	22.9	18.8	5.1	2.4	2.2
T4	16.4	15.6	21.1	32.7	8	6.3		30.6	21.2	18.4	16.7	6.9	6.3
T6	15.8	14.9	19.9	15.9	16.7	16.8		26.6	21.6	16.1	19.7	8.6	7.5
STORY								CODING					
LOCATION	DELTA 1	DELTA 2	THETA	ALPHA	BETA 1	BETA 2		DELTA 1	DELTA 2	THETA	ALPHA	BETA 1	BETA 2
F7	35.6	21.4	28.7	8.6	3.4	2.3		36.9	21.5	29.7	6.2	3.6	2.1
T3	26.4	17.5	15.6	12.3	14.5	13.6		22.3	19.4	22.7	16.6	9.7	9.3
T5	24.3	14.1	24.4	27.8	5.7	3.7		23.3	16.1	27.7	11.7	9.8	11.4
FP1	26.4	17.2	35.8	7.1	6.6	6.8		38.6	20.8	31.5	4.7	2.3	2
F3	25.2	21	34.7	10.6	5	3.6		27.3	22.1	31.2	11.7	4.9	2.8
C3	29.7	21.6	28.7	12.4	5.1	2.5		29.4	25.3	26.3	11	4.2	3.7
P3	28	16.6	24.8	23.8	4.4	2.3		28.9	20.7	27.5	11.3	5.7	5.9
O1	25.4	22.8	20.7	21.9	5.2	4		20.7	11	21.1	11.4	14.6	21.2
FZ	30	21	30	12.5	4	2.5		23	18.5	43.7	9.4	3.4	2
CZ	33.2	18.7	29.8	13.5	2.8	2		32.8	22.9	28.8	10.1	2.8	2.5
PZ	30.3	18.8	25.3	20.6	3.5	1.6		27	21.6	29.6	13.2	4.5	4.1
FP2	28.6	18.1	32.7	6.9	5.5	8.3		40.8	19.1	29.2	5	3.2	2.6
F4	23.3	21.7	34.3	9.6	6.9	4.3		25.7	21.7	33.5	10.5	5.3	3.4
C4	25.4	22.5	29.2	15.4	4.9	2.7		29.6	21.3	28.9	13.7	3.5	3
P4	20.9	18.6	27.2	26.5	4.6	2.1		24.7	19.1	32.8	12.5	5.7	5.2
O2	20.4	25.1	23.6	20.5	6.2	4.3		18	11	22.2	12.9	15.5	20.4
F8	33.8	23.9	23.7	9.3	5.2	4		35.9	20.5	27.8	7.5	5.3	3
T4	31.4	17.3	14.5	10.8	10.6	15.4		29.5	16.2	21.8	18.4	8.2	5.9
T6	14.8	16.5	20.6	38.7	5	4.5		23.1	14.5	26.7	11.3	12.1	12.2

BASELINE								READING					
LOCATION	DELTA 1	DELTA 2	THETA	ALPHA	BETA 1	BETA 2		DELTA 1	DELTA 2	THETA	ALPHA	BETA 1	BETA 2
F7	19.9	20.9	22	14.9	10.1	12.2		33.4	22.1	22.9	7.9	8	5.8
T3	16.9	18.1	20.3	13.9	16	14.9		24	22.6	26.9	9.6	8.6	8.2
T5	21	23.2	21.7	14.3	12.2	7.7		19.7	26	24	10.8	12	7.5
FP1	22.2	20.1	18.5	10.2	11.2	17.7		25.7	22.5	26.7	10.5	9.1	5.5
F3	19.9	25	29.7	11.6	8.6	5.1		17.8	25.6	32.8	12.5	7.8	3.5
C3	21.7	24.7	28.5	14.4	7.6	3.1		19.4	27.7	32.3	11	6.6	3
P3	22.7	21.7	24.2	19.4	8.7	3.4		22.4	23.6	29.7	13.1	7.8	3.3
O1	17.2	21.5	21.1	15.1	13.6	11.4		13	19.7	23.4	12.4	14.7	16.9
FZ	20.9	23.3	32.9	12.2	7.9	2.8		17.1	24.9	34.5	13.7	7.1	2.6
CZ	21.2	24.2	30.5	14	7.4	2.7		19.3	25.9	32.7	13.1	6.4	2.6
PZ	26.2	21.3	22.6	18.7	8.4	2.7		23	20.3	31.5	14.2	7.7	3.3
FP2	23.9	20.8	20.9	11.7	10.9	11.7		22.9	21.5	29.5	12.1	8.6	5.4
F4	18.7	22	25.6	13.5	12.5	7.6		17.9	20.1	33.3	14.8	9.7	4.2
C4	21.5	23.2	25.5	17.1	9.1	3.5		23.1	22.3	32.1	13.5	6.2	2.9
P4	24.5	18.9	24.7	16.9	11.6	3.4		22.2	20.8	33.1	12.5	7.6	3.8
O2	18.7	19.8	20.7	13.3	14.2	13.3		8	13.6	15.7	14.6	17.2	31
F8	26.9	17.4	21.3	12.9	11	10.5		32.5	22.5	24.3	9.3	6.5	5
T4	15.9	17.9	24.6	12.3	14.1	15.3		22.9	19.5	19.2	9	13	16.5
T6	23.2	18.9	24.3	15.9	12.7	4.9		20.9	22.6	28	11	11.6	5.8

DRAWING								RAVENS					
LOCATION	DELTA 1	DELTA 2	THETA	ALPHA	BETA 1	BETA 2		DELTA 1	DELTA 2	THETA	ALPHA	BETA 1	BETA 2
F7	19.2	22.6	22.8	12.8	10.6	12		35.9	19.8	18.4	8.8	7.2	9.9
T3	19.1	23.5	25.7	17	8.4	6.4		23.7	19.7	21.1	12.7	12.6	10.3
T5	18.7	22.1	21.7	18.8	10.6	8.2		19.3	21.1	22.1	13.2	14.6	9.6
FP1	26.3	27.9	22.2	9.8	7.5	6.3		40.2	20.8	18.7	9.1	5.7	5.5
F3	15.8	29.6	27.4	12.5	10.2	4.3		29.9	21.4	25.1	12.7	6.9	4
C3	18.7	30.5	27.3	11.8	8.5	3.1		22.3	22.4	28	14.5	9	3.7
P3	18.8	29	24.3	15.1	9	3.7		26.1	22.3	27.6	11.8	8.4	3.8
O1	17.2	26.1	23	14.6	10.7	8.4		18.3	23.2	19.6	11.9	11.7	15.3
FZ	13.7	31.7	30.1	12.4	8.6	3.4		28.4	22.2	26.4	12.7	7.5	2.8
CZ	14.1	32.6	27.8	14.7	8	2.9		23.1	25.4	28.2	12.3	7.9	3.1
PZ	15.5	26.5	27.2	16.4	10.8	3.6		21.2	28	26.4	16	7.7	2.7
FP2	25.5	26.8	22	11.6	7.2	6.8		41.2	19.9	18.2	10.2	6.3	4.1
F4	12.4	30.1	28.6	13.9	9.2	5.8		29.9	20.8	23.9	11.8	8.3	5.4
C4	16.7	31.1	24	16.3	8.6	3.3		24	25.2	26.1	13.8	7.5	3.4
P4	19.2	24	27.1	13.6	10.8	5.3		23.4	26.2	24.9	13.8	8.1	3.7
O2	8.8	14	13	14.4	17.8	32.1		14	16.4	14.2	10.4	18	27
F8	22.4	22.2	20.1	14.8	9.7	10.8		39.1	22.4	15.9	9.8	7.5	5.4
T4	15.3	25.3	20.1	13.7	13.4	12.3		25.1	23.6	15.6	8.6	15	12
T6	21.8	20.3	23.3	15.1	10.9	8.6		26.3	24.3	17	12.3	12.2	7.9

STORY								CODING					
LOCATION	DELTA 1	DELTA 2	THETA	ALPHA	BETA 1	BETA 2		DELTA 1	DELTA 2	THETA	ALPHA	BETA 1	BETA 2
F7	25.3	25.5	21.9	11.5	8.7	7.1		24.7	21.5	22.1	15.3	8.9	7.5
T3	19	22.1	20.8	13.2	13.6	11.2		18.3	25.4	26.7	15.3	8.3	6.1
T5	17	24.1	24.6	13.1	13	8.2		20.4	27.3	25.1	12.4	8.9	6
FP1	27.6	25.6	21.7	10.2	8.6	6.2		26.9	24	21.2	13.7	9.3	4.9
F3	21.6	24.7	28.4	13.1	8.6	3.5		19.1	26.7	27.8	15.4	7.6	3.4
C3	22.5	28.1	27.3	12.6	7	2.6		18.5	26.6	30	15	6.7	3.2
P3	22.4	26.2	27.2	12.8	8.5	2.9		22.1	27.4	27.7	12.7	7	3.1
O1	22.9	24.9	21.6	14	9.5	7.2		15.9	18.6	20.6	12.6	14.1	18.2
FZ	21.5	24.6	28.4	14.5	8.4	2.6		17.8	26.6	28.9	16.1	7.8	2.8
CZ	22.7	25.6	28.6	14.1	7.1	2		15.5	27	32.3	14.4	7.5	3.3
PZ	24.6	22.6	26.6	16.1	8.1	1.9		24	25.4	26.6	13.2	7.3	3.6
FP2	25.3	26.4	22.3	11.5	8.8	5.7		28	20.8	22.5	13.5	9.6	5.6
F4	20.7	22.8	25.2	13.9	11.7	5.8		18.6	23.5	27	16.1	10.3	4.5
C4	25.4	25	24.5	15	7.6	2.6		17.9	24.9	26.5	16.4	10.4	3.8
P4	25.4	25.5	21.8	15.2	9.6	2.6		20.3	23.4	27.4	13.1	9.9	6.1
O2	21.4	20.3	17.1	13.8	11.7	15.7		7.5	8.5	8.8	14.6	19.6	41.1
F8	22.9	23.3	21	13.4	10.7	8.7		25.1	22.5	21.3	13.1	9.5	8.6
T4	20	19	16.6	11.5	14.7	18.3		19.7	27.1	20.5	14.4	11.5	6.9
T6	23.6	23.2	19.4	15.3	13.4	5.1		19.8	25.7	25	12.8	10	6.7

BASELINE								READING					
LOCATION	DELTA 1	DELTA 2	THETA	ALPHA	BETA 1	BETA 2		DELTA 1	DELTA 2	THETA	ALPHA	BETA 1	BETA 2
F7	31.2	18.8	13.6	13	13	10.3		39.8	17.1	14.5	5.9	11.3	11.4
T3	10.8	7	5.2	8.5	26.5	42		11.6	8.1	6.9	4.6	23.8	45
T5	21.7	13.7	14.1	28	14.7	7.8		22.2	17.4	20.9	14	13.6	11.9
FP1	26.9	20.6	15.2	12.8	14.3	10.2		29.2	19.8	19.9	7.8	13	10.3
F3	25.2	21.9	19.4	13.4	12.9	7.2		25.5	18.8	26.3	8.2	12.4	8.7
C3	22.3	17.4	15.1	24.4	15.2	5.6		26.5	17.4	20.4	15.2	12.7	7.8
P3	21.7	14.1	12.4	36.6	11	4.3		27.5	19	20.9	13.8	11.6	7.3
O1	14.1	9.1	7.6	35.8	14.2	19.3		10.7	10.8	10.3	12.5	17	38.7
FZ	25	21.8	20	15.2	12.7	5.2		23.1	19.2	28.3	10.1	12.6	6.6
CZ	25.2	20.9	20.4	21	9	3.5		30.7	21.4	21.1	14.1	8.5	4.3
PZ	23.6	15.2	13.7	34.7	9.5	3.3		27.8	21.7	20	13.9	11.2	5.4
FP2	28.3	19.9	13.2	11.3	14.5	12.9		30.4	18.2	17	8.4	16.1	10
F4	26.8	20.5	15.6	15.1	13.4	8.6		22.3	19	23.9	9.6	14.1	11.1
C4	23.7	15.5	14.7	27.1	12.9	6		28.8	19.3	18.5	12.8	12.9	7.7
P4	21.9	13.3	13.2	36.5	10.5	4.6		29.2	23.1	17.5	9.8	13.4	7
O2	13.1	8.6	8	39	13	18.2		12.8	11.7	9.7	13.6	19.9	32.3
F8	30.7	17.5	11.6	10.7	14	15.5		30.5	18.8	15.5	8.5	12.3	14.5
T4	11.5	7.8	5	8.6	31	36.1		13.8	8.8	6.8	5.4	21.1	44.1
T6	13.2	8.7	7.2	16.5	20.3	34.1		16.1	10.1	9.3	6.1	17.6	40.7

DRAWING								RAVENS					
LOCATION	DELTA 1	DELTA 2	THETA	ALPHA	BETA 1	BETA 2		DELTA 1	DELTA 2	THETA	ALPHA	BETA 1	BETA 2
F7	32.6	18.5	14.8	8.6	13.8	11.8		35.9	28.4	12.9	6.8	8.3	7.8
T3	10.3	7.5	5.2	8.1	23.6	45.3		25.9	16	8.1	7.2	19.7	23.1
T5	29	19.1	12	12.2	13.1	14.6		30.1	22.1	18.1	10.4	11.9	7.3
FP1	37	17.2	14.6	8.2	13.8	9.3		40	27.6	12.5	6.6	8.6	4.7
F3	33	19.3	18.7	9.2	11.5	8.4		36.2	24	15.9	8.2	8.8	6.9
C3	34	17.9	15.5	10.9	11.1	10.6		34.3	23.6	13.9	12.2	10.2	5.7
P3	30.9	17.3	14.3	14.3	12	11.3		35	24.2	16.8	8.9	9.1	5.9
O1	10	6.5	7	16.3	20.4	39.8		15	12.8	13.3	11.6	17.5	29.8
FZ	31.9	17.7	21.8	10.4	10.9	7.2		36.2	25.1	17.8	7.5	7.8	5.6
CZ	34.7	17.5	21.6	13	7.1	6.1		32.9	27.1	19.9	7.9	7.4	4.9
PZ	35.1	17.8	15.5	14	10	7.6		32.8	23.8	20.1	8.7	9.2	5.4
FP2	39.8	16.6	14.6	8.1	14.3	6.6		40.1	25	12.1	7.8	8.4	6.5
F4	32.1	15.5	19.7	9.9	11.3	11.4		33.7	26.1	14.8	9	8.4	8
C4	32.5	14.8	18.6	16.8	8.3	8.9		31.1	27.5	16	8.8	8.2	8.4
P4	32.4	18.5	15.3	13.7	11.4	8.6		33.2	22.1	18.6	10	9.9	6.3
O2	11.6	7.9	7	16.7	17.4	39.4		14	12.8	13.6	12.3	19.3	28
F8	36.2	16.3	15.5	6.9	11.5	13.6		34.4	21.9	12.5	9.4	10.2	11.6
T4	13.5	6.6	4.7	3.5	27.8	43.9		23.2	11.4	7.9	8	27	22.6
T6	10.7	5.7	4.3	4.7	21.3	53.3		17.2	12.7	10.4	9.6	23.2	26.9

STORY								CODING					
LOCATION	DELTA 1	DELTA 2	THETA	ALPHA	BETA 1	BETA 2		DELTA 1	DELTA 2	THETA	ALPHA	BETA 1	BETA 2
F7	25.3	20.7	14.5	13.8	13.5	12.1		37.2	17.6	14.1	8.8	12.7	9.5
T3	12.6	12.1	7.2	12.2	25.4	30.4		23.8	15.4	11.9	8.2	18	22.7
T5	19	14.2	14.2	30.9	14.5	7.2		20.5	18.6	18.1	13.2	17	12.5
FP1	28.8	20.5	13.3	12.8	12.5	12		36.5	21.1	16.2	8.6	11.5	6.1
F3	22.8	21.8	20.6	16	11.2	7.6		28.7	20.4	21.3	9	13.1	7.5
C3	18.5	17.4	15.5	30.9	12.5	5.2		27.5	20	21	12.2	12.4	7
P3	18.8	13.5	12.7	41.6	9.6	3.8		25.5	19.4	19.6	13.5	14	8.1
O1	11.1	9.3	8.4	38.6	13.4	19.2		9.3	7.8	7.8	13.1	20.8	41.2
FZ	23.6	21.9	20.1	18.2	10.6	5.7		26.8	19.8	24.6	9.6	13.3	5.9
CZ	21.9	19.7	18.7	26.2	9.7	3.8		24.6	20.2	27	13.9	9.6	4.6
PZ	20.8	14.1	12.3	38.9	10.3	3.6		27.6	21.1	20.3	13.9	11.5	5.7
FP2	29.5	18.1	13.2	12	13.9	13.3		36.1	21.6	16	7.7	12.6	5.9
F4	22.6	20	18.5	16.9	11.6	10.4		23.6	20.9	22.4	10.9	13.9	8.3
C4	20.4	18.4	16	25.3	13.8	6.2		19.8	14.5	19.8	23.1	15.5	7.3
P4	21.3	15	11.3	37.6	10.8	4		25.5	22.1	19.9	13.2	11.6	7.6
O2	13.7	11.1	9.1	39.3	13.2	13.7		12.6	10.1	9.9	13.9	19.1	34.5
F8	25.1	15	14.3	14.1	14.6	16.9		24.5	20.5	15.3	8.7	13	18.1
T4	12.7	8.3	6.2	9.7	24.6	38.4		9.5	7.4	6.6	5.5	29.3	41.6
T6	19.3	13.8	8.8	21.6	16.5	20		14	10.9	8.3	6.6	18.1	42.1

BASELINE								READING						
LOCATION	DELTA 1	DELTA 2	THETA	ALPHA	BETA 1	BETA 2		DELTA 1	DELTA 2	THETA	ALPHA	BETA 1	BETA 2
F7	22.4	24.6	15.6	9.9	11.1	16.4		29.2	26.1	19.2	11.6	5.9	7.9
T3	19.8	26.6	20	11.7	8.7	13.3		20.8	21.3	20.9	12.2	8	16.8
T5	27.3	22.5	20.8	15.1	7.7	6.5		19.9	20.7	26.3	14.1	9.6	9.4
FP1	25.7	30.3	16.2	8.7	6.7	12.3		25.1	26.2	23.9	12.8	6.2	5.9
F3	23.2	30.9	22.8	11.5	5.8	5.9		23.5	26	27.2	13.6	5.1	4.5
C3	22.6	27.4	25.3	16.6	4.4	3.7		25.1	23.6	26.9	14.7	5.3	4.4
P3	26.1	24.4	20.1	20	5.3	4		24.5	23.9	24.7	13.4	7.5	6
O1	26.4	18.8	13	28.1	7.5	6.2		18.4	20.4	17.7	16.7	13.8	13.1
FZ	22.1	31.8	23.5	11.2	5.9	5.6		21.5	24.2	29.3	15.2	5.5	4.3
CZ	24.7	26.6	26.7	14.5	4.3	3.1		24.3	25	28.9	13.5	4.7	3.6
PZ	26.5	26.2	16.8	22.3	4.8	3.3		27.7	25.3	23.5	11.6	6.9	5
FP2	17.1	17.1	11	6.7	14.8	33.2		24.9	23.1	21	12	8	10.9
F4	20	24.2	20.3	10.8	9.7	15		22.4	24.2	27.2	14.2	6.4	5.7
C4	23.5	26.3	23.5	17.1	5.3	4.4		24.3	23.4	27.7	14.3	5.8	4.5
P4	25.2	26.3	17.4	21.4	5.5	4.3		25.9	22.4	24.3	13.1	7.9	6.4
O2	25.9	19.1	13.5	25.8	8.5	7.2		18.3	19.6	17.5	16.8	13.9	13.9
F8	23.9	20.2	19	12	9.9	15		26.3	20.8	23.4	13.3	8.1	8.2
T4	23	22.4	23.5	13.4	8.5	9.2		22.6	20.1	25.4	14.2	8.8	9
T6	26.5	23.3	18.1	17.4	7.8	6.9		26	20.4	21.1	13	10.3	9.1
DRAWING								RAVENS					
LOCATION	DELTA 1	DELTA 2	THETA	ALPHA	BETA 1	BETA 2		DELTA 1	DELTA 2	THETA	ALPHA	BETA 1	BETA 2
F7	22.1	18.3	19.7	12.8	11.1	16		29.9	19.9	17.3	10.9	9.1	12.8
T3	16.6	15.8	13.9	7.8	12.8	33.1		28.1	20.8	17	8.8	8	17.3
T5	19.3	21.2	15.9	11.8	13.8	18.1		26.2	26.4	20.5	11.1	7	9
FP1	27.8	23.2	20.3	12.4	7	9.3		31.7	22.2	22.2	10.4	5.8	7.6
F3	23.3	24.4	25.9	13.9	6.3	6.2		24.7	23.1	29.2	12.5	5.6	4.9
C3	22.6	23.1	28.6	14.7	5.7	5.4		24.2	20.7	30.5	14.6	5.5	4.5
P3	23.3	23.6	21	12.7	9.7	9.6		28.2	25.4	25.1	10.2	5.9	5.1
O1	14.7	16.8	11.8	15	20.6	21.1		26.7	24.1	20.1	10.5	8.4	10
FZ	24.8	24.5	24.5	13.6	6.6	6		24	24.3	31.2	10.8	5.1	4.5
CZ	23.9	23.2	27.8	14.7	5.5	4.8		26.4	20.5	34.4	11	4.5	3.3
PZ	26.4	23	20.9	13.4	9	7.2		32.6	24.3	25.4	9.3	4.6	3.8
FP2	21.7	18.8	15.6	10	10.3	23.6		29.7	19.9	18.9	7.8	8.9	14.8
F4	21.1	22.9	22	13.6	8.4	12		25.4	24.5	26.4	10.1	6.1	7.5
C4	22.4	25.2	24.8	14.7	7	5.9		24.5	20.9	28.9	15.5	5.3	4.9
P4	23.2	22.6	20.4	13.1	11.4	9.3		28.3	25	24	11.7	5.9	5.1
O2	14.3	15.9	11.2	15.7	21.6	21.3		26	24	22	10.1	8.8	9.1
F8	21.7	22	21	13.5	9.3	12.5		35.1	24.7	19	7.9	5.4	7.9
T4	15.6	20.1	14.4	8.3	9.7	31.8		24.2	24.4	21.8	10.9	5.9	12.8
T6	22.2	20.8	16.5	12.1	14.3	14.1		27	25.1	21.8	11.2	8.2	6.8
STORY								CODING					
LOCATION	DELTA 1	DELTA 2	THETA	ALPHA	BETA 1	BETA 2		DELTA 1	DELTA 2	THETA	ALPHA	BETA 1	BETA 2
F7	21	17.4	18.5	14	11.6	17.6		23.2	23.6	22.6	11.5	8.5	10.6
T3	20.8	23.1	19.3	10	9.5	17.2		19	24.5	20.4	10	11	15
T5	25.9	23.9	20.1	16.6	7.6	5.9		18.6	23.1	23.2	13.9	10.2	11
FP1	23.7	22.9	20.5	15.7	7.5	9.6		23.5	26.7	24.6	11.9	6.6	6.8
F3	23.9	22.7	24	17.3	7.3	4.9		20.7	26.3	29.9	13.3	5.6	4.2
C3	21.3	25.1	25.6	18.8	5.2	3.9		20.5	27.1	30	13.7	4.9	3.7
P3	24.5	24	19	22.5	6.4	3.7		23.1	26.4	25.8	12.6	6.8	5.4
O1	18	19.2	14.2	34.2	8.8	5.6		21.9	19.4	16.7	14.9	14.3	12.9
FZ	21.8	22.7	22.1	20	7.7	5.7		19.1	24.3	31.8	15.1	5.6	4.1
CZ	20.7	22.5	25.7	22.3	5.6	3.2		20.6	28.3	30.2	13.5	4.4	3
PZ	18.6	23.3	19.6	27.8	7.2	3.5		25.8	28.3	22.6	12.7	6.4	4.2
FP2	18.3	18.8	13	11.8	11	27.1		19.8	21.9	17.9	11	12.3	17.1
F4	19.9	19.6	17.6	17.3	11.2	14.5		18.8	24.6	25.8	16.1	6.9	7.8
C4	18.5	24.4	22	22.2	8	4.8		19.7	26	27.1	17.3	5.7	4.3
P4	18.2	24.9	18	28.1	6.9	3.9		24.3	26.4	23	12.3	7.5	6.5
O2	19.1	20.9	14.8	30.9	9.3	5		20.7	18.6	16.5	14	15.7	14.5
F8	23.2	15.7	17.5	18.5	10	15.1		18.8	23.1	22.1	14.7	9.3	12.1
T4	26.5	21.1	17.6	15	8.7	11.2		14.1	19	19.4	9.2	8.9	29.3
T6	24.9	22.7	21.6	18.8	7.1	4.9		20.8	22.9	21.8	12.2	11.3	10.9

BASELINE								READING					
LOCATION	DELTA 1	DELTA 2	THETA	ALPHA	BETA 1	BETA 2		DELTA 1	DELTA 2	THETA	ALPHA	BETA 1	BETA 2
F7	25.1	23	16.7	17.5	10.6	7		32.6	23	16.2	11.8	10.2	6.1
T3	20.1	23.3	17.7	18.8	11.2	8.9		19	20.7	19	12.3	16.3	12.7
T5	20.5	17.8	15.7	34.5	8.3	3.3		19.4	23.4	22.3	18.5	10.9	5.5
FP1	26.9	23.1	17.1	18.1	9.9	4.9		27.4	21.7	19.5	15	10.9	5.5
F3	20.6	26.4	19.2	18	11.7	4.1		22.1	27.6	21.1	14	10.9	4.2
C3	18.9	24	20.4	23.7	9.6	3.4		21.7	24.6	23.4	16.8	10.1	3.5
P3	19.2	18.1	16.1	37.2	7	2.5		20.4	23.2	23.4	20.4	9.2	3.3
O1	18.6	12.1	11.7	48.8	6.5	2.4		19.2	20.2	26	22.8	8.8	3.1
FZ	20.4	27	18.9	18.6	11.5	3.6		21.7	27.7	22.1	14.3	10.4	3.8
CZ	17.9	25.3	20.9	24.6	8.3	2.9		22.1	24	25.8	16.2	8.8	3.1
PZ	19.7	17.7	15.1	39.1	6.1	2.3		20.7	21.9	23.2	22.9	8.4	2.9
FP2	22	23.5	18.1	19.6	10.5	6.2		26.3	21.6	19.4	15.1	11.2	6.4
F4	20.7	25.5	18.7	18.9	11.7	4.5		22.4	27.2	20.8	14	11.1	4.5
C4	19	22.2	19.9	26.1	9.6	3.3		19.9	25	23.8	17.6	10.1	3.7
P4	19	17.8	15.9	38.7	6.4	2.2		21	23.2	22.2	22.2	8.2	3.1
O2	19	13.4	12.7	46.3	6.3	2.4		20.9	22.2	23.7	20.4	9.1	3.7
F8	20.7	22.7	17.9	19.5	11.6	7.6		26.8	22.1	19.6	13.7	10.9	6.8
T4	19	21.6	18	22.5	10.7	8.2		20	23.1	19.4	14.3	13	10.2
T6	16.1	18.5	16.5	38.5	7.6	2.9		17.4	23.8	20.9	21.2	10.8	5.9
DRAWING								RAVENS					
LOCATION	DELTA 1	DELTA 2	THETA	ALPHA	BETA 1	BETA 2		DELTA 1	DELTA 2	THETA	ALPHA	BETA 1	BETA 2
F7	33.8	25.1	16.4	12.8	7.4	4.5		46.2	19.8	14.1	10.8	5.6	3.6
T3	18.2	22.5	17.6	17.8	13.1	10.8		33.5	21.1	19.8	10.5	8.3	6.8
T5	21.4	23.5	16.6	15	13.1	10.4		31.5	22.7	17.4	14.6	9.4	4.4
FP1	31.3	24.8	18.1	15.3	7.2	3.3		43.5	23.6	14.6	10.5	4.9	2.8
F3	23.8	27.8	19.1	16.5	9	3.7		37.1	27.4	17.9	8.7	6.4	2.5
C3	21.5	30.2	22.7	15.3	6.9	3.4		31.8	27.8	20.7	10.2	6.9	2.6
P3	24.9	28.4	20.3	16.1	6.8	3.5		27.8	26.3	20.2	15.1	7.5	3
O1	23.3	22.5	18.4	18.9	9.3	7.6		22	24.1	17.8	23	8.7	4.4
FZ	21.7	27.6	20.6	17.6	9	3.4		33.5	28.6	19	8.9	7.6	2.4
CZ	18.7	28.9	24.6	18.3	6.4	3.1		30.2	26.8	23.1	11.8	5.7	2.5
PZ	25	26.8	21.5	17.5	6.2	3		26.7	27.3	21.4	14.7	7	3
FP2	28	23.4	18.5	16.7	8.5	4.8		39.3	24.1	14.3	10.8	6.7	4.7
F4	19.7	27.3	19.7	19.5	9.3	4.5		30.5	29.3	18.3	10.3	8.1	3.5
C4	15.9	29.7	24.5	19.1	6.9	3.9		30.4	27.4	21.1	11.4	6.6	3.1
P4	21.8	28.2	20.7	18.7	6.8	3.7		27.3	28.1	20.8	13.3	7.2	3.3
O2	21.2	19.4	17.9	20.4	10.1	11.1		24.3	24.6	18	19.4	8.5	5.2
F8	24.6	22.9	18.6	18.8	9.1	5.9		31	29.9	17.1	11.4	6.2	4.4
T4	19.1	26	18.1	18.8	10.1	7.8		30.1	25.2	17.7	11.6	9	6.5
T6	19.3	23.9	15.9	18.2	11.8	10.9		29.7	24.6	16.5	16.1	8.5	4.6
STORY								CODING					
LOCATION	DELTA 1	DELTA 2	THETA	ALPHA	BETA 1	BETA 2		DELTA 1	DELTA 2	THETA	ALPHA	BETA 1	BETA 2
F7	33.1	23.5	14.4	14.3	9.1	5.5		32.1	23.3	16.7	13.9	9.1	4.9
T3	23.9	21.9	16.5	17.5	12	8.3		24.4	20.8	17.7	13.4	14.4	9.3
T5	24.3	19.3	15.2	29.9	7.8	3.5		21.1	24.6	18.9	14.5	12.5	8.6
FP1	30.6	21.8	16.2	16	9.8	5.6		28.4	25.9	17.5	16.1	8.7	3.5
F3	27.4	23.6	18.1	15.6	11.2	4.1		21.4	27.2	21.6	16.2	9.9	3.8
C3	27.9	22.8	17.9	19.2	8.9	3.3		22.7	25.2	23.5	16.7	8.3	3.6
P3	26.5	20	15.3	29.6	6.3	2.3		22.3	26.4	22	16.8	8.7	3.8
O1	18.3	15.3	11.8	46.8	5.8	2.1		21.5	24.4	19.3	17.4	10.8	6.6
FZ	26.5	24.1	19.1	15.5	10.9	3.9		21.4	28	22.3	15.2	9.6	3.4
CZ	26.6	22.1	19.7	20.5	8	3.1		22.3	26.3	25.2	16	6.9	3.2
PZ	26.1	19.9	14.6	31.5	5.8	2.1		22.4	25.1	21.6	19.4	7.9	3.6
FP2	30.7	21.3	16.2	15.4	10	6.4		28.8	24.7	17.2	16.1	8.8	4.5
F4	24.6	24.2	18.3	16.3	12.3	4.3		24.8	27.5	18.9	14.9	9.3	4.5
C4	26.5	20.4	16.2	24.2	9.4	3.2		21	24.8	22.3	18.8	8.9	4.3
P4	24.5	18.8	13.8	34.8	6	2		23.4	25.5	20.5	17.8	8.9	4
O2	21.7	16.9	12.9	41.3	5.2	2.1		19.9	22.5	17.7	18.2	12	9.7
F8	25.9	21.4	16	18.8	11.2	6.7		29.3	21.4	17.2	15.8	10	6.3
T4	22.3	20.8	14.5	24.3	11.1	7		20.6	24.9	18.7	16.4	10.8	8.6
T6	20.6	18.4	12.3	39.3	6.8	2.6		20.1	25	16.6	17.8	13.2	7.4

BASELINE								READING					
LOCATION	DELTA 1	DELTA 2	THETA	ALPHA	BETA 1	BETA 2		DELTA 1	DELTA 2	THETA	ALPHA	BETA 1	BETA 2
F7	24.4	23.6	18	8.9	12.7	12.3		37.5	24.6	19.5	8.9	5.7	3.7
T3	23.7	22.3	17.3	8.5	12.1	16.1		34.4	25.1	22.2	6.9	6.7	4.6
T5	28.2	25.1	18	11.4	10.4	6.9		25.1	21.5	23.1	10.9	11	8.4
FP1	27.8	27.1	19.2	10.1	9.1	6.8		31.1	23.6	21.1	8.4	10.1	5.8
F3	22.4	29.6	26	9.5	8.5	4		26.3	24.3	27.8	9.9	7.5	4.2
C3	23.3	26.8	29.2	8.2	9.3	3.1		25.8	22.5	29.4	10.1	8.8	3.4
P3	28.8	25.7	23.5	10.5	8.9	2.5		30.9	21.1	26.4	9.8	8.3	3.5
O1	33.4	27.6	16.3	11.4	9.2	2.2		21.3	22.5	22.4	13.6	11.6	8.5
FZ	21.5	31.5	28.3	9	6.9	2.8		27	18.5	29.3	11.9	8.3	4.9
CZ	23.9	27.1	34.6	6.8	5.9	1.7		23	23.8	32.7	11.4	6.3	2.7
PZ	29.7	27.2	24	8.7	8.9	1.6		25.5	22.8	28.4	13.1	7.5	2.7
FP2	26	25.9	17.3	10.1	10.4	10.2		29.2	25.3	19.2	8	10	8.3
F4	23.5	28.8	25.5	9.1	8.5	4.5		26.6	22.3	26.6	9.1	8.7	6.6
C4	25.7	26.2	29.9	7.7	8.5	2.1		30.7	22	28.7	9.2	6.6	2.8
P4	32.3	26.8	20.4	8.8	10	1.7		26.5	25.9	24.5	11.8	8.3	3
O2	33.1	28.6	15.8	10.4	10.1	2.1		21.8	22.6	22.9	13.3	11.5	7.8
F8	21.5	29.6	18.4	10.7	10.6	9.1		36.8	25.8	18.3	8.2	6.8	4
T4	27.5	29.6	19.5	8.5	8.6	6.4		26.1	30	21.3	7.6	7.7	7.3
T6	31.5	24.2	16.3	12.6	10.5	4.9		29.4	26.1	19.7	8.9	10	6
DRAWING								RAVENS					
LOCATION	DELTA 1	DELTA 2	THETA	ALPHA	BETA 1	BETA 2		DELTA 1	DELTA 2	THETA	ALPHA	BETA 1	BETA 2
F7	33.5	28.1	18.9	8.6	6.8	4.1		39.2	28.5	16.1	7.9	5.2	3.1
T3	30.1	27.7	19.2	9.8	7.5	5.7		40.2	25.1	17.7	7	5.7	4.3
T5	23.3	25.1	19.2	11.6	11.7	9.1		36.5	26.5	17.7	7.5	7.6	4.1
FP1	30.5	26.8	23.6	8.9	6.4	3.8		40.1	30	16.2	6.8	4.6	2.2
F3	25.2	27.6	29.5	8.5	6	3.2		38.1	28.4	18.4	7.5	5.3	2.2
C3	26	27.4	28.6	8.8	6.4	2.9		32.6	25.4	23.4	8.4	7.4	2.9
P3	29.9	25.7	24.4	9.6	7.7	2.8		35.7	25.8	18.9	8.6	8.3	2.7
O1	27.8	25.1	20.9	12	9.6	4.5		33.5	26.2	17.3	10.2	8.2	4.7
FZ	20.7	28.9	35	7.8	4.9	2.6		37.4	30.2	18.7	7	4.5	2.2
CZ	22.3	26.1	36.6	7.5	5.5	2		27.6	32.1	26.1	6.9	5	2.3
PZ	29.7	27.3	24	9.3	7.4	2.3		30.9	33.7	17.7	8.7	6.6	2.3
FP2	25.5	23.2	20.3	8.9	10.8	11.3		41.9	29.2	15.2	6.1	4.8	2.9
F4	21.9	29.9	29.6	8.2	6.4	4.1		36.9	29.5	18.9	6.6	5.3	2.7
C4	22.1	27.9	30.1	9.1	7.8	2.9		30	29.7	23.8	7.8	6.2	2.4
P4	28.3	28.3	24.2	9.3	7.4	2.6		34	30.5	17.1	8.9	6.9	2.6
O2	27.7	26.6	21	11.1	9.5	4.1		31.9	27.8	18	10.8	7.3	4.1
F8	23.9	29.6	23.2	10.7	7	5.6		37.1	31	15.7	5.9	6.6	3.8
T4	22	31	24.9	9	7.8	5.3		38.2	28.9	14.5	8.2	6.3	3.9
T6	22.1	26.9	21.1	11.3	11.9	6.7		33.3	27.5	15.6	11.2	8	4.2
STORY								CODING					
LOCATION	DELTA 1	DELTA 2	THETA	ALPHA	BETA 1	BETA 2		DELTA 1	DELTA 2	THETA	ALPHA	BETA 1	BETA 2
F7	28.7	28.7	22.1	9.6	7	4		31.3	29.2	18	9.8	7.5	4.1
T3	26.8	26.7	18.5	7.7	11.1	9.2		28.4	30.8	19.3	8.2	6.7	6.6
T5	32.6	26.2	18.9	10.3	8.9	3.1		27.4	22.4	19.6	9.3	11.5	9.8
FP1	28.8	29.9	22.4	9.1	6.8	3		29.1	26.6	27	8.2	5.8	3.3
F3	25.5	28.2	27.6	8.9	7	2.8		24.7	30.8	28.1	8.1	5.5	2.8
C3	24	30.7	25.8	7.9	9	2.5		28	28	26.1	9.5	5.6	2.8
P3	27.6	27.9	21.7	10.5	10.1	2.2		30.9	27	25.1	7.9	5.9	3.2
O1	28	30.5	16.9	12.1	9.6	2.8		27.1	23.6	20.3	10.3	8.5	10.3
FZ	24.9	27.9	30	8.3	6.5	2.4		24	30.8	31.6	6.6	4.5	2.4
CZ	27.7	27.1	29.7	7.8	5.8	2		26.7	29.7	28.4	7.9	4.8	2.4
PZ	28.9	26	22.7	11	9.5	1.9		29.5	28.4	25.1	7.8	6	3.1
FP2	26.9	30	21.5	8.7	8	4.9		30.4	26.2	22.4	8.6	7.4	5
F4	25.6	28	27.9	8.1	7.5	3		25.6	32.5	24.9	7.8	6	3.2
C4	28.7	27.7	25.6	7.9	7.9	2.2		29.6	27.8	25.3	7.1	7.6	2.7
P4	30.6	26.9	21	10.6	9.1	1.8		30.5	29.3	23.3	7.5	6.1	3.3
O2	27.9	33	16	11.6	9.1	2.4		27.5	25.4	19.5	9.5	8.7	9.5
F8	31.1	28.4	21.1	8	7.5	3.9		35.7	25.9	20.1	7.6	6.3	4.4
T4	30.7	30.9	17.6	7.9	8.1	4.7		28.3	30.4	22.7	7.1	6.7	4.9
T6	29.7	29.3	16.1	12.1	10.4	2.5		24.7	27.9	19	8.4	10.8	9.3

BASELINE								READING					
LOCATION	DELTA 1	DELTA 2	THETA	ALPHA	BETA 1	BETA 2		DELTA 1	DELTA 2	THETA	ALPHA	BETA 1	BETA 2
F7	22.9	22.6	22	10.5	12.6	9.4		28	21.9	23	11	9.8	6.5
T3	18.1	21	23.9	13	15.7	8.2		22.3	18.4	20.2	12.1	15.1	11.9
T5	19.7	17.8	28.6	16.7	12.6	4.6		24.4	21	23.1	15.1	10.9	5.6
FP1	25.8	22	23.3	11.1	11.1	6.6		29.4	22.7	23.3	10.5	9.5	4.7
F3	22	19.9	28.7	14.1	10.8	4.5		25.5	22.1	27.5	12.4	8.8	3.7
C3	19	17.8	28.4	23.2	8.6	3		21.1	19.3	26.7	20.7	8.9	3.3
P3	21.2	13.4	29.2	27.8	6.9	1.6		21.3	19	26.5	22.4	8.2	2.7
O1	19.9	16.9	23.2	21.9	11.5	6.5		18	15.2	19.3	19	13.4	15.2
FZ	21.9	19.6	30	15.3	9.7	3.5		24.8	22.5	28.6	12.3	8.7	3.2
CZ	19.2	15.5	30.4	25.8	7.3	1.9		20.1	20.3	29.9	18.6	8.4	2.7
PZ	21.2	13.4	29.2	27.7	6.9	1.7		21.2	18.8	26.5	22.4	8.3	2.7
FP2	24.4	22.3	23.3	11.8	11.4	6.8		30.8	22.7	21.4	10.1	10	5
F4	21	20.4	27.6	15.7	9.9	5.4		24.2	23	26.5	12.3	10	4
C4	18.7	16.4	28.1	25.5	8.5	2.7		20.2	21.3	29	16	9.9	3.6
P4	20.2	14.5	27.2	28.6	7.4	2.1		20.4	19.7	25.9	20.7	9.5	3.7
O2	20.2	16.9	23.2	22	11.4	6.3		18.2	15.3	19.3	19	13.3	14.8
F8	22.3	17.6	22.6	14.7	12.8	10		30.1	22	19.8	10.9	10.6	6.6
T4	17.3	17.7	20.3	17.3	16.5	11		20.2	17.4	21.2	11.6	16.7	12.9
T6	17.7	16.8	23.8	28.8	9.4	3.4		18.7	20.1	24.8	18.9	11.3	6.2
DRAWING								RAVENS					
LOCATION	DELTA 1	DELTA 2	THETA	ALPHA	BETA 1	BETA 2		DELTA 1	DELTA 2	THETA	ALPHA	BETA 1	BETA 2
F7	33.5	19.4	23.6	8.7	9.4	5.4		40.4	23.8	18	7.4	6.6	3.7
T3	23.9	20.7	26.7	11.4	12.2	5.1		32.2	25.4	20.7	10.3	8.6	2.8
T5	22.1	20.2	27.2	11.6	12	6.9		26.3	25.4	21.3	12.6	9.9	4.4
FP1	33.9	22	24.7	7.5	7.9	3.9		34.8	28.2	22.1	6.2	6.2	2.6
F3	26.9	22.4	28.5	9.6	9.1	3.5		34.3	25.4	24.6	7.2	6.4	2.2
C3	26.2	23.5	26.1	11.7	8.6	3.9		26.9	26.2	24.5	12.5	7.7	2.2
P3	27.8	22.8	25	12	8.4	4.1		24.6	29.1	22.5	12.8	8.3	2.7
O1	17.9	16.1	16.5	14.8	15.3	19.4		19.4	28.4	22.7	11.4	10.6	7.6
FZ	28.6	21.6	29.3	9.4	7.9	3.2		29.1	27.2	27.5	7.6	6.3	2.2
CZ	27.3	25.5	25	10.9	7.9	3.5		25.3	28.3	24.5	12	7.5	2.4
PZ	27.8	22.6	24.9	12	8.5	4.2		24.5	29.3	22.5	12.8	8.2	2.7
FP2	33.9	23.1	22.2	7.7	8.6	4.6		35.1	27.1	22	6.4	6.6	2.8
F4	30	23.2	25.5	9.2	8.4	3.7		30.5	26.8	25	8.2	8.7	2.8
C4	27	24.7	25.4	10.5	8.7	3.7		26.8	26	20.8	14.9	8.7	2.7
P4	27.1	22	23.7	12	10	5.2		25.1	30.2	19.6	12.6	8.9	3.5
O2	18.4	16.3	16.7	14.5	15.1	19		19.5	28.6	22.8	11.1	10.5	7.5
F8	32.1	22	21.8	8.8	9.4	5.8		37.9	23.1	19.3	7.5	8.3	3.9
T4	28	21.6	22.9	10.6	11.8	5.1		28.6	24.4	19.7	7.9	15.2	4.2
T6	20.8	19.9	22.9	13.2	14	9.1		21.8	30.8	18.7	11.4	12	5.3
STORY								CODING					
LOCATION	DELTA 1	DELTA 2	THETA	ALPHA	BETA 1	BETA 2		DELTA 1	DELTA 2	THETA	ALPHA	BETA 1	BETA 2
F7	26.7	23.8	19	13.5	11	6		39.1	17.7	22.3	7.3	8.7	5
T3	24.2	20.3	16.5	12.6	14.1	12.2		28.5	22	22.3	9.1	12.6	5.5
T5	26.6	18.5	18.2	18.7	12.9	5.1		24.5	22.1	20.4	12.4	11.8	8.8
FP1	29.7	22.1	19	13.2	11.2	4.8		32.9	22.3	25	7.5	8.2	4.1
F3	23.3	21.2	24	17.8	10.4	3.4		28.7	20.7	29.5	8.2	9.3	3.6
C3	19.9	18.6	22.7	25.7	10.4	2.7		24.6	19.6	28.6	12.4	10.1	4.6
P3	18.2	13.3	20.6	37.9	8.5	1.5		21.7	21.2	27.1	13.9	10	6.1
O1	21.7	16.1	16.1	25.5	11.8	8.8		11.5	11	13.9	16.1	20.8	26.7
FZ	24.3	19.8	23.8	18.2	11.1	2.9		26.1	22.1	31.7	8.3	8.5	3.3
CZ	15.7	14.1	23.9	35.1	9.4	1.7		20.1	23.1	31.6	12.5	8.3	4.3
PZ	18.2	13.2	20.6	38	8.5	1.5		21.7	21	27.1	13.8	10.1	6.3
FP2	27.6	20.4	21	14	12.1	4.8		28.9	24.6	25.3	7.7	8.8	4.6
F4	21.9	20.2	23.1	18.6	12.6	3.6		22.5	22	32.3	9	9.7	4.6
C4	17.6	16	23.3	30.4	10.4	2.3		17.2	22.2	32.5	12.6	10.7	4.7
P4	18.9	12.4	19.5	38.8	8.7	1.8		18.5	20.4	27	13.8	12.7	7.7
O2	21.7	16.1	16.2	25.9	11.7	8.5		11.8	11.2	14.1	15.9	20.6	26.4
F8	25.9	19.7	19.4	16.1	12.2	6.8		30.4	19.6	25.8	8.1	10.5	5.7
T4	19.6	14.1	20.5	17.9	17.3	10.5		20.2	19.6	25.7	11.1	16.8	6.6
T6	18.2	11.9	20.7	33.6	12	3.5		19.1	20.6	21.9	13.1	15.3	10

BASELINE								READING					
LOCATION	DELTA 1	DELTA 2	THETA	ALPHA	BETA 1	BETA 2		DELTA 1	DELTA 2	THETA	ALPHA	BETA 1	BETA 2
F7	41.4	22.5	16	11.8	5.6	2.8		35.4	28.1	15.2	12	6	3.1
T3	27.2	24.6	17	14.6	9	7.6		29	21.9	16.5	11.8	10.6	10.1
T5	24.5	22.9	18.6	21.6	7.2	5.2		21.7	18.5	23.3	16.6	11.4	8.6
FP1	37.7	23.3	15.2	13.7	6.9	3.1		35.5	29.6	17.8	9.8	4.6	2.6
F3	34	25.8	18.1	13.5	6	2.6		33.6	29.1	18.1	10.6	5.8	2.8
C3	33.5	21.3	18.5	18.6	5.4	2.6		32.7	25.3	19.4	13.1	6.6	2.9
P3	32.6	21.7	16.8	20.8	5.7	2.4		26.7	24.1	21.8	17.4	7.3	2.7
O1	26.9	19.7	15.3	26.6	6.8	4.7		25.9	18.9	18.7	19.8	9.2	7.6
FZ	33.1	26.2	18	14.3	6.2	2.3		30.7	30.7	19.1	12.2	5.6	1.7
CZ	29.5	26.2	20.9	16	5.4	2		27.8	26.3	23.3	15.1	5.6	1.9
PZ	28.3	21.5	20.3	22.4	5.5	1.9		30.5	22.7	21.7	17.6	5.7	1.8
FP2	35.6	24.7	14.8	14.6	7	3.2		35.2	27.9	18.4	10.8	5.2	2.6
F4	31.8	27.9	17.4	12.9	7	3		28.3	29.5	20.5	13.3	6.1	2.3
C4	26.7	25.8	19.7	20.2	5.4	2.2		27.8	27.7	19.4	16.3	6.3	2.5
P4	27.2	21.6	19.2	24.6	5.2	2.2		31.3	24.2	21	15.7	5.8	2
O2	26	19.9	15.2	28.4	6.5	4		29.4	19.1	18.7	20.1	7.9	4.9
F8	37.6	23.7	16	12.9	6.6	3.3		36.8	24.9	17.5	11.3	6.2	3.3
T4	24.5	21.2	16.8	23.7	7.8	6.1		23.5	18.2	17.4	10.9	14.1	16
T6	29.1	20.5	19.9	22.2	5.7	2.5		26	20.4	22.5	14.6	10	6.5
DRAWING								RAVENS					
LOCATION	DELTA 1	DELTA 2	THETA	ALPHA	BETA 1	BETA 2		DELTA 1	DELTA 2	THETA	ALPHA	BETA 1	BETA 2
F7	34.8	29.7	16.3	10.1	5.6	3.5		43.9	23.7	14.6	11.2	4.2	2.4
T3	27.7	19.9	18.3	13.5	11.4	9.1		29.3	27.4	17.3	14.4	7.3	4.2
T5	24.9	19.6	16.3	16	13	10.3		31	22.1	18.1	16.9	8.1	3.6
FP1	39.2	27.6	16.1	9.4	4.9	3		41.4	22.6	15.1	13.4	4.8	2.7
F3	34.8	25.3	18.9	11.7	5.6	3.7		30.6	29.6	18.6	13	5.4	2.6
C3	25.9	22.7	22	19.5	6.3	3.5		24.9	28.9	21.8	16	5.7	2.6
P3	35.5	19.8	17.5	17.3	6.2	3.8		29	26.6	19.2	16.5	6.6	2
O1	23.8	15.6	14.1	24.4	10.7	11.3		32.3	23.3	18.1	14.3	8.2	3.7
FZ	31.7	26.2	21.1	13.3	5.1	2.6		31.1	29.4	18.4	14.4	4.5	2.1
CZ	25.5	24.2	22.1	19.7	5.2	3.3		31.9	27	20.3	14.5	4.3	2
PZ	27.5	21.5	18.5	23.6	5.5	3.3		36.1	26.6	16.5	13.9	5.3	1.6
FP2	40.2	25.8	16	10.3	4.7	3		41.7	21	13.9	14.2	6.2	3
F4	30.9	24.4	21.2	13.5	6.3	3.7		34.4	25.9	16.2	14.5	6.1	2.9
C4	19.4	22.4	22.4	25.1	6.7	4		27.8	28.7	16.5	18.7	5.4	3
P4	28.2	19.8	19.2	22.3	6.8	3.6		32.5	29.3	17.3	12.4	6.3	2.1
O2	24.1	16.7	14.6	26.7	9.1	8.8		31.3	26.7	16.9	14.4	8	2.7
F8	38.3	23.1	16.2	10.8	6.8	4.8		40.3	25.6	13	12.8	5.6	2.7
T4	17.6	16.1	18.4	16.9	15.3	15.8		29.5	26.3	15.1	13.2	8.5	7.2
T6	21.3	18.9	18.2	17.8	12.3	11.5		30.2	29.6	15.5	15.5	6.8	2.5
STORY								CODING					
LOCATION	DELTA 1	DELTA 2	THETA	ALPHA	BETA 1	BETA 2		DELTA 1	DELTA 2	THETA	ALPHA	BETA 1	BETA 2
F7	47.5	23.9	10.5	9.1	6.3	2.7		44	22.4	17	9.7	4.8	2.2
T3	31.9	22.9	15.9	14	9.5	5.8		24.2	21.5	19.8	16.1	10.8	7.6
T5	33.9	25	15.8	17	6	2.3		20.2	24	21.8	17.2	9.9	7
FP1	41.7	25.3	14	9.9	6.3	2.7		46.7	25	12.4	9.3	4.6	1.9
F3	42.6	27.9	12.6	9.2	5.4	2.3		32.2	25.8	18.6	12.3	7.5	3.5
C3	35.4	25.6	15.1	15.4	5.9	2.5		28.2	22.2	24.9	15.7	6.1	3
P3	40.5	22.7	14.1	16.9	4.4	1.4		24.8	26.5	22.6	16.4	6.1	3.6
O1	39.4	19.7	12.8	21.9	4.5	1.6		27	25.5	20.3	13.5	7.3	6.4
FZ	41.5	27	15.9	9	4.7	1.9		37.9	27.1	16.3	11.8	4.7	2.3
CZ	33.1	28.1	16.7	15.8	4.3	2		28.5	22.9	26	15.8	4.5	2.4
PZ	29	23	15	27.1	4.6	1.4		27.9	27.1	22.3	16.5	4.1	2
FP2	40	24.9	15.8	10	5.9	3.4		44.1	24.6	12.2	11.1	5.6	2.3
F4	36.9	28.5	17.3	9.4	5.2	2.7		31.2	31.5	16.2	13.3	5.1	2.7
C4	31	27.5	16.3	17.8	4.8	2.6		25.9	26	19.4	21.8	4.6	2.3
P4	31.2	24.8	14.5	23.5	4.4	1.6		30.6	26.5	20.6	14.9	5	2.3
O2	34.9	19.4	13	26.3	4.9	1.5		28.7	24.5	23.7	13.5	5.1	4.6
F8	33.5	27.4	18.6	11.1	5.9	3.6		38.1	26.5	13.9	10.2	7.2	4
T4	27.1	24.7	14.6	12.3	10.4	10.9		25.3	20.2	15.6	13.9	13.3	11.7
T6	32.9	22.6	15.7	20.4	5.9	2.5		27.2	22.7	21.6	15.7	7.8	5.1

BASELINE								READING					
LOCATION	DELTA 1	DELTA 2	THETA	ALPHA	BETA 1	BETA 2		DELTA 1	DELTA 2	THETA	ALPHA	BETA 1	BETA 2
F7	32.6	19.1	17.3	14.9	10.9	5.3		41.2	20.8	17	10.1	7.5	3.4
T3	25.5	22.3	16.9	17.4	8.8	9		31.6	23.7	16.9	14.6	8.3	4.9
T5	30.7	23.3	21.4	17.7	4.9	2.1		24.6	20.1	27.9	14	7.3	6
FP1	32.5	21.6	19.7	13.2	7.6	5.4		34.4	22.2	20.6	11.5	7.6	3.6
F3	32.1	22.8	20	11.8	8.5	4.9		34	20.1	20.9	11.3	9.7	4
C3	27.3	24.9	22.6	15.6	7.2	2.4		31.3	20	22.3	14.5	9.1	2.8
P3	33	22.3	20.7	15.9	5.9	2.1		31.5	21.4	23	13.9	7.5	2.7
O1	35.8	18.8	16.9	20.7	5.5	2.2		25.2	18.3	28.3	15.5	6.6	6.1
FZ	31	25.3	21.9	12.5	6.3	3		37	21.7	20.8	10.4	7.4	2.7
CZ	26.3	25.1	23	18	5.6	2		34.3	20.8	20.7	13.7	8	2.5
PZ	32.8	20.1	21.8	17.9	5.5	1.8		35.8	17.9	21.1	15	8.1	2.1
FP2	34.2	22.4	19.1	12.9	7.3	4.1		35.1	22.4	19.6	11.6	7.7	3.7
F4	31.1	25.1	21.9	12.6	6.2	3.1		37.1	21.5	20.8	10.4	7.5	2.8
C4	24.6	23.8	23.3	19.2	6.7	2.4		34.1	17.9	22.8	13.6	8.7	2.9
P4	28.5	20.6	22.2	20.9	5.9	2		32.6	17.4	24.3	15.2	8.1	2.4
O2	30.5	18.3	14.9	28.7	5.6	2.1		33.4	18.7	23	15.1	6.7	3.2
F8	29.2	24.1	19.6	14	8.5	4.6		35.9	19.6	18.9	11.7	9.2	4.7
T4	21.8	25.4	20	18.1	9.8	4.9		29.5	18.8	19.5	16.3	10.5	5.4
T6	22.5	23.9	22.7	22.2	6.2	2.6		26.8	20	27.4	16.4	6.3	3.1
DRAWING								RAVENS					
LOCATION	DELTA 1	DELTA 2	THETA	ALPHA	BETA 1	BETA 2		DELTA 1	DELTA 2	THETA	ALPHA	BETA 1	BETA 2
F7	30.8	27.2	18.9	10.7	8	4.5		47.5	21.7	14.5	8	5.1	3.2
T3	21.3	21.8	20.3	16.8	8.7	11.2		33.7	20.3	18.6	15.7	6.1	5.6
T5	27.8	18.4	13.3	12.7	12.2	15.6		31.5	18.4	22.1	15.5	8.6	3.9
FP1	32.4	25.9	21.5	10.9	6.2	3		37.6	30	18.3	7.6	4.3	2.1
F3	28.5	25.8	23.3	9.5	9.1	3.7		40	25.3	15.5	9.3	7.1	2.8
C3	28.2	25.1	23.8	13.2	6.8	3		31.5	23.1	23.4	12.1	7	2.8
P3	28.2	24	22.5	15	7.1	3.2		38.5	20.2	20.2	11.3	7.3	2.6
O1	34.1	19	16.8	14.7	8.4	7		32.6	19.1	21.4	13.2	8.3	5.4
FZ	31.1	24	25.5	10.3	6.8	2.4		32	33.2	19.3	7.6	5.7	2.3
CZ	31.3	21.8	25.4	13.4	5.4	2.6		27.8	31.2	22.1	10.8	5.5	2.5
PZ	32.5	21.3	22.1	15	6.5	2.7		40.4	26.8	15.4	9.2	5.9	2.2
FP2	34.3	23.9	21.8	10.3	6.7	3		36.1	32.4	17.6	7	4.7	2.2
F4	31.6	23.8	25.2	10.2	6.8	2.5		32.1	33.2	19.1	7.6	5.7	2.4
C4	33.9	23	22.8	12.7	5.2	2.4		25.8	28.8	21.2	13	7.9	3.3
P4	32.1	22.6	22.1	13.1	7.2	3		35	26.3	17	11.8	7.1	2.7
O2	36.6	20.3	17.7	14.7	7	3.6		38.4	21.9	18.4	11.3	6.7	3.3
F8	30.9	21.9	19.9	12.4	9.7	5.2		35.6	29.6	15.9	8	7	4
T4	28.2	24.3	18.4	18.6	6.8	3.7		26	23.5	21.2	14.3	10.1	4.9
T6	30.2	22.6	21.8	13.7	7.8	3.9		30.4	22	20.4	14.4	8.5	4.3
STORY								CODING					
LOCATION	DELTA 1	DELTA 2	THETA	ALPHA	BETA 1	BETA 2		DELTA 1	DELTA 2	THETA	ALPHA	BETA 1	BETA 2
F7	33.4	22.8	17.6	12.3	9.1	4.9		35.4	20.9	18.6	11	8.8	5.3
T3	24.6	17.4	13.7	12.5	8.5	23.4		24.3	23	16.3	19.5	8.8	8
T5	27.9	18.9	26.4	18.7	6	2.2		27.2	22.7	16.4	13.8	10.9	9.1
FP1	36.9	25.4	17.3	9.9	7.4	3.1		33.7	22.9	22.9	9.8	7.4	3.3
F3	28.6	23.3	22.2	12.7	9.3	3.8		35.3	23.1	20.7	9.1	8.3	3.5
C3	28	17.3	24.9	19.3	8.1	2.5		31.2	25.9	22	12.4	5.8	2.7
P3	31.3	15.2	25.3	20.5	5.7	2		34.5	26.4	18.2	11.8	5.7	3.4
O1	35	16.9	19.3	21.9	5.2	1.8		26.2	20.8	21.7	12.6	8.4	10.4
FZ	33.9	27.5	20.3	10	6.1	2.2		33.9	23.5	24.3	9.1	6.6	2.6
CZ	27.5	21.4	26.5	16.6	6	2.1		31.8	24	24.5	11.8	5.3	2.6
PZ	34.2	16.1	22.4	20.5	5.5	1.2		43.4	20.9	19	9.6	4.6	2.4
FP2	34.2	24.4	18.4	11.2	8.3	3.5		33	22.1	24.1	9.7	7.7	3.4
F4	33.9	27.3	20.4	10.1	6.1	2.2		33.9	23.6	24	9.3	6.5	2.6
C4	24.3	18	28.8	19.3	7.3	2.2		29.1	24.2	24.1	13.8	5.9	3
P4	31.5	14.9	25.5	20.4	6.3	1.3		35.5	24.2	21	11.5	5.3	2.5
O2	33.2	16.6	17.1	25.5	5.5	2.1		35.9	24.2	19.1	11.2	6.2	3.4
F8	27.9	23.6	21.4	12.2	10.1	4.8		30	23	20.7	12.6	9.2	4.5
T4	24	22.2	23.2	16.8	8.9	4.9		26.4	23.3	17.8	17.6	9.7	5.3
T6	24.2	16.9	25.4	24	6.8	2.6		29.3	26.3	20.4	14.2	6.5	3.2

BASELINE								READING					
LOCATION	DELTA 1	DELTA 2	THETA	ALPHA	BETA 1	BETA 2		DELTA 1	DELTA 2	THETA	ALPHA	BETA 1	BETA 2
F7	39.4	19.3	22.4	6.9	5	7		32.2	21	24.1	8.5	6.5	7.7
T3	26.1	26.2	29.3	9.2	4.2	5		22.4	23.4	32.1	11.3	5.8	5
T5	27.6	24.3	27.5	11.9	5.1	3.6		25.5	20	31.1	13.6	5.7	4.1
FP1	36.2	22.7	24.3	7.4	5.1	4.2		31.5	20.8	27.4	9.6	6.3	4.4
F3	26.7	27	28.7	7.7	5.1	4.8		23.6	20.7	35	10.1	6.3	4.3
C3	21.4	26	34.5	10.9	4.3	2.9		24.3	20.3	34.5	13.5	4.6	2.8
P3	28	25.7	27.2	12.8	4.1	2.1		25.1	19	33.7	15.7	4.2	2.3
O1	32.4	25.3	22.8	11.8	4.9	2.9		27.3	20.6	30	11.3	6	4.7
FZ	22.9	30	31.2	8	4.9	3		22.5	21.3	37.4	10	5.8	3
CZ	19.7	22.8	37.3	14.1	3.8	2.3		23.6	22.7	36.3	10.6	4.2	2.5
PZ	30.1	24.9	27.4	12.6	3.5	1.5		26.7	19.6	34.3	13.7	3.9	1.8
FP2	33.1	23	27	7.5	5.6	3.8		28.3	22.7	28	10.1	6.4	4.6
F4	24.6	30.1	30.6	6.7	4.9	3		24.8	21	36	9.4	5.8	3.1
C4	23.9	28	34	7.5	4.1	2.6		25.6	20.6	35.8	10.6	4.4	3
P4	31.7	25.2	25.9	11.5	3.9	1.8		26.2	18.6	36.4	12.6	4	2.3
O2	33.1	24.1	23.7	11	5.1	2.9		26.3	19.6	31.1	10.6	6.7	5.7
F8	28.6	26.3	27.1	7	5.8	5.3		31.1	22.7	23.5	7.5	7.3	7.8
T4	25.4	27	23.3	9.1	7.7	7.5		20.1	17.4	27.9	7.8	9.5	17.2
T6	31.9	27.4	24.2	9.9	4.3	2.4		25.6	21	36.2	10.1	4	3
DRAWING								RAVENS					
LOCATION	DELTA 1	DELTA 2	THETA	ALPHA	BETA 1	BETA 2		DELTA 1	DELTA 2	THETA	ALPHA	BETA 1	BETA 2
F7	25	24	25.6	9.3	7.2	8.9		29.8	21	20.4	7.1	8.2	13.5
T3	17.7	23.8	33.8	13	6.3	5.5		28.2	22	27.5	12.7	5.1	4.4
T5	16.9	18.2	27.9	13.1	10.8	13.1		26.9	22	28.4	14.5	4.8	3.4
FP1	27.5	22.4	30.3	10.2	5.3	4.3		39.3	25.6	17.6	6.5	6.1	4.9
F3	20.8	25.2	34.2	9.6	5.5	4.7		27	25	27	8.1	6.2	6.7
C3	21.6	27.8	28.3	11.6	5.8	5		27.5	26.1	26.8	11.1	5	3.5
P3	22.9	24.1	27.6	12.6	6.8	6		28.9	24.2	26.9	13	4.3	2.7
O1	21.2	19.7	21.2	11.9	10.6	15.4		36.1	19.9	25.2	9.8	5.2	3.8
FZ	20.6	24.4	36.9	9.1	5.4	3.5		26.1	25.4	30.6	8.7	5.8	3.4
CZ	22.4	26.7	32.6	9.6	5	3.7		26.8	27.1	30.8	8.6	4.6	2.3
PZ	24.8	27.2	28.1	9.4	5.8	4.8		31.6	24.4	27.8	10.1	4.3	1.8
FP2	27	22.2	31.1	10.2	5.1	4.4		40.3	25	18.6	6.8	5.4	3.9
F4	20.6	23.4	36.9	9.5	5.7	3.8		27.7	27.7	27.6	7.7	5.8	3.6
C4	21.2	26.2	32.7	10	5.2	4.7		28.5	28.2	26.6	8.3	4.6	3.8
P4	22.4	25.7	30.6	9.5	5.9	5.9		29.1	25.2	27	10.2	5.6	2.9
O2	23.1	19.1	19.4	9.6	10.9	17.9		34.6	19.7	23.8	10.1	6.5	5.3
F8	27.5	20.5	23.3	9.6	8.5	10.6		34.6	25.3	17.9	6.8	7.2	8.2
T4	15.2	15.8	20.6	8.3	14.1	26		24.7	22	20	7.5	11.9	14.1
T6	22.5	22.5	28.5	8.9	7.6	9.9		27.4	24.5	29.2	9.8	5.2	3.9
STORY								CODING					
LOCATION	DELTA 1	DELTA 2	THETA	ALPHA	BETA 1	BETA 2		DELTA 1	DELTA 2	THETA	ALPHA	BETA 1	BETA 2
F7	26.1	27.2	17.1	8.5	8.9	12.2		30.6	23.9	27	7.4	5.5	5.5
T3	22.6	26.2	25.7	10.9	7.4	7.3		19.1	26.1	32	11.7	6.2	4.9
T5	32.4	27.5	24.2	9.8	4.2	1.8		24.4	24	26.9	9.7	7.2	7.8
FP1	24.5	27.1	24.2	8.7	7	8.5		31.9	25.1	27.2	7.4	4.7	3.6
F3	19.6	29.5	28.8	9.2	5.5	7.4		22.7	25.8	34.5	8.5	4.6	3.9
C3	20.5	30.3	27.9	11.8	5.7	3.7		17.1	25.7	38.5	10.8	4.3	3.5
P3	25.5	27.7	26.8	12.4	5.4	2.1		20.6	24.1	34.3	11.9	5.1	4.1
O1	27.2	32.4	22.1	10.5	5.1	2.7		20.4	21.9	27.5	10.4	9.3	10.6
FZ	17	29.3	36.2	8.4	5.1	4		23.2	25.7	36.8	7.8	4	2.5
CZ	17.8	23.4	39.5	11.9	4.5	2.8		16.8	25.8	42.5	8.9	3.5	2.4
PZ	24.9	25.3	30.8	12.3	4.9	1.8		19	25	37	11.3	4.5	3.2
FP2	22.9	25.6	28.5	9	7.1	7		29	25.4	28.6	8.5	4.7	3.8
F4	17.5	28.9	36.2	8.1	5.1	4.2		23	26.9	35	7.8	4.5	2.8
C4	18.7	22.9	37.9	10.1	6	4.3		20	25.3	37.1	9.5	4.4	3.7
P4	22.4	22.3	34.3	12.4	5.9	2.7		21.7	26.1	33.4	9.8	4.8	4.2
O2	25.4	32.3	24.8	10.5	4.3	2.7		21.2	24.3	23.9	9.5	9.8	11.3
F8	29.2	23	26.2	6.7	5.7	9.2		33.9	25.1	20.5	7.9	6.4	6.2
T4	18.1	20.7	24.2	7.4	13.6	16		24.5	20.8	26	7.5	9.3	11.9
T6	23.3	22.5	33.2	12.3	5.1	3.5		21.8	24.5	33	8.4	6	6.3

BASELINE								READING					
LOCATION	DELTA 1	DELTA 2	THETA	ALPHA	BETA 1	BETA 2		DELTA 1	DELTA 2	THETA	ALPHA	BETA 1	BETA 2
F7	22.9	16.7	15.2	15.7	13.9	15.5		30	20.8	17.3	9.5	10.4	12
T3	6.5	7.6	7.5	16.3	28.8	33.2		8.7	6.7	7.3	9.9	34.4	33.1
T5	12.8	11.3	17.8	45.3	7.5	5.4		11	13	16.2	17.7	20	22.1
FP1	20.7	17.6	16	15.6	17	13.1		23.8	24.7	19.8	12	10.2	9.4
F3	17.5	21.6	19.6	19.5	12.5	9.2		19.7	23.9	27	12.2	9.2	8
C3	16	18.9	18.1	39.2	5.5	2.4		19.3	24.6	26	18.6	6.7	4.9
P3	15.3	13.9	17.4	46.9	4.8	1.7		18.2	22.1	21.2	23.9	8	6.6
O1	12.5	13.2	18.4	46.8	6.2	2.9		11	13.1	22.1	20.6	14.1	19
FZ	17.8	22.5	23.4	20.6	9.3	6.4		20.4	26.6	27.9	11.2	7.8	6.1
CZ	16.9	18.3	20.1	38.4	4.5	1.8		18.9	24.1	26.1	22.7	5.1	3.1
PZ	16.6	15.3	16.8	46.1	4.1	1.3		19.8	19.2	18.6	31.8	6.2	4.3
FP2	16.1	12.8	12.4	13.8	25.5	19.4		17.5	17.4	14.1	9.7	21.8	19.5
F4	15.9	23.4	23.4	22.4	8.6	6.4		19.2	25.8	25.5	11.3	9.5	8.7
C4	15.4	17.6	20	39.2	5.4	2.4		20.3	23.6	24.8	19.7	6.7	4.9
P4	17.3	15.7	19.4	42.3	4.1	1.2		19.5	18.3	20.4	29.3	7.2	5.3
O2	15.3	16.6	21.7	39.5	5.1	1.9		14.2	15.3	23.8	21.7	10.7	14.3
F8	17.7	18.1	20	20.8	10.1	13.4		21.3	18.7	17.1	10.3	13	19.6
T4	11.4	14.6	14.5	22.8	17.6	19.1		13	11.3	10.1	9.8	28.5	27.3
T6	17.1	16.5	19	36.1	7.4	3.8		14.2	14.1	20.8	16.9	18.1	15.8

DRAWING								RAVENS					
LOCATION	DELTA 1	DELTA 2	THETA	ALPHA	BETA 1	BETA 2		DELTA 1	DELTA 2	THETA	ALPHA	BETA 1	BETA 2
F7	26.8	19.2	16.2	9	14.2	14.5		34.1	20.6	16.3	9.1	9.4	10.5
T3	9.7	10.8	10.1	12	27.3	30.1		12.7	15.3	11.7	13.2	22.3	24.7
T5	9.5	9.2	9	11.7	29.7	30.9		16.3	19.5	18.7	20.8	11	11.7
FP1	25.4	22.8	18	10.4	11.8	11.8		28.8	28	18.1	10.2	8.8	8
F3	20.4	26.1	24.1	11.7	8.9	8.9		23.2	28.4	21.2	10.4	8.7	8
C3	18.2	26.5	26.6	15.1	7.2	6.5		20.7	27	26.5	14.3	6.5	5
P3	18.2	22.3	20.5	19	10.4	9.6		21.9	21.5	22.4	19.8	8.1	6.3
O1	12.9	14.5	13.9	23.1	13.8	21.8		14.2	14.1	16.6	21.7	13	20.4
FZ	19.6	27.4	25.4	12.6	7.6	7.3		22.6	32.6	22.5	10.7	6.9	4.7
CZ	21	25	24	20.1	5.4	4.5		22.2	27.2	23.4	17.8	5.7	3.8
PZ	22	23.4	19.6	23	6.3	5.7		22.7	21.4	22.2	22.3	6.4	5
FP2	19.7	17.7	12.9	10	21.6	18.1		26.3	24.8	16.9	11	11.3	9.6
F4	17.2	27.7	21.9	15.6	9.1	8.4		21.3	33.5	20.7	11.2	7.5	5.8
C4	19.1	23.1	19.5	26.8	6.6	5		23.1	28	22.9	14.9	6.7	4.5
P4	23.3	21.9	18.6	21.9	7.8	6.5		23.3	20.9	22.5	21.1	6.9	5.3
O2	15	15.9	18.1	23.6	11.2	16.1		17.1	19.3	20.6	20.5	9.7	12.7
F8	20.5	21.5	15.3	13.3	12.9	16.4		28.6	24.7	16	10.9	7.8	11.9
T4	11.2	11.7	9.4	10.2	30.9	26.5		21.9	20	15.3	12.1	16.2	14.5
T6	17.4	12.3	9.9	14.6	21.8	23.9		22.9	21.8	19.9	17.6	9.8	8

STORY								CODING					
LOCATION	DELTA 1	DELTA 2	THETA	ALPHA	BETA 1	BETA 2		DELTA 1	DELTA 2	THETA	ALPHA	BETA 1	BETA 2
F7	20.3	15.9	14.4	12	13.7	23.8		27.7	21.8	14.6	9.9	12.2	13.8
T3	7.2	7.7	7.6	11.4	32.9	33.1		9.7	10.7	8.4	10.5	29.9	30.8
T5	9.8	13.7	17.7	40	9.8	9.1		11.7	13.9	12.8	15.3	20.8	25.5
FP1	17	14.8	14.1	10	16.7	27.5		26	23.9	16.3	9.7	11.4	12.8
F3	17.5	21.9	23.3	16.5	11	9.8		21.7	27.4	22.3	10.9	9.2	8.5
C3	14.1	21.6	26.1	27.4	7.2	3.6		16.1	27.9	25.5	16.1	7.8	6.6
P3	15.5	15.5	20.1	40.5	5.9	2.5		18.1	25.6	21.3	18	9.9	9.2
O1	12.6	13.5	20.4	37.8	8	7.8		13.9	12.8	14.4	15.7	15.5	27.7
FZ	19.6	23.9	25.2	16.3	8.4	6.5		20.5	29.3	25	11.2	7.3	6.7
CZ	15.5	23.3	25.1	27.7	6	2.5		15	27.6	24	22.9	5.7	4.8
PZ	18.2	14.5	18.9	41.3	5.2	1.9		20.8	26	21.6	17.7	7.3	6.5
FP2	17.2	14.9	12.6	10.4	20.1	24.8		20.7	20.7	13.7	9.1	19.9	15.9
F4	18.1	24.8	24	16	9.5	7.6		18.7	28.2	23.2	14.1	7.8	7.9
C4	16.4	22.6	24.9	26.4	6.5	3.3		16.2	23	20.5	27.8	6.9	5.6
P4	17.7	15.5	19.5	40.3	5	1.9		21.8	25.7	21	16.2	7.9	7.5
O2	14	14	21.9	39.1	6.7	4.3		15.8	17.3	17	14.9	13.5	21.5
F8	20.7	19.8	16.6	13.8	13.3	15.8		23.9	21.7	16.3	11.1	11.3	15.7
T4	13.3	17	11.8	15.4	23.2	19.3		13.2	12.9	11.1	11	27.5	24.4
T6	14.5	14.4	17.7	36.3	10.1	7		18.1	18.4	14.4	13.5	17.3	18.3

BASELINE								READING					
LOCATION	DELTA 1	DELTA 2	THETA	ALPHA	BETA 1	BETA 2		DELTA 1	DELTA 2	THETA	ALPHA	BETA 1	BETA 2
F7	31.4	25.2	17.8	8.8	8.8	8		32.1	25.2	21	9.3	6.6	5.9
T3	15.3	21	20.2	9.2	11.2	23.2		27.2	23.6	21.7	11.6	8.4	7.4
T5	22.7	21.2	28.5	14.6	9.3	3.8		23.1	23.5	27.2	12.4	7	6.7
FP1	28.2	22.3	12.8	7.9	8.9	19.9		32.9	23.1	19.5	9.4	7.4	7.5
F3	27.4	28.9	17.9	9.9	8	7.9		30.3	26.3	21.9	9.5	6.6	5.4
C3	17.5	20.6	33.8	20	5.2	2.9		24	22.7	27.9	15.1	6.3	4.1
P3	27.1	19.3	25	17.7	7.8	3.2		28.5	21.8	26.8	11.4	7.2	4.3
O1	27.1	17.4	28	17.6	7.1	2.7		18.6	19.1	31.7	13	8.1	9.5
FZ	18.9	31.6	24.4	13.1	8	4		25.5	30.1	23.8	10.3	6.6	3.6
CZ	19.6	27.8	31.8	14.3	4.2	2.3		29.9	25.9	24.4	11.9	5.1	2.8
PZ	26.9	19.2	33.5	13.1	4.8	2.5		27.9	22	28.8	12.3	5.9	3.2
FP2	30.6	25.4	16.7	11.2	8.2	7.7		31.2	26.8	17.6	11.9	6.4	6.1
F4	20	30.5	23	12.3	8.8	5.5		27.5	28.8	22.8	9.1	7.3	4.6
C4	14.1	22	31.3	19.7	7.1	5.7		26.9	24.1	24.3	14.2	6.6	3.9
P4	29.5	19.5	30.1	13.3	4.5	3.1		32.7	21	23	12.6	7	3.6
O2	28.8	17.1	29.7	15.6	6.2	2.6		21.3	20.8	30.8	12.9	7.5	6.7
F8	31.4	23.7	16.8	9	8.1	11		34.2	25.5	15.7	11.6	6.2	6.9
T4	18.6	15.7	17.7	9.2	15.3	23.6		23.3	18.8	16.3	9.2	14.9	17.5
T6	28.4	19	26.6	13	7.9	5.1		24.1	21.5	29.3	11.6	7.8	5.7
DRAWING								RAVENS					
LOCATION	DELTA 1	DELTA 2	THETA	ALPHA	BETA 1	BETA 2		DELTA 1	DELTA 2	THETA	ALPHA	BETA 1	BETA 2
F7	22	22.8	24.6	14.5	8.1	7.9		43.5	25.4	16.7	6.8	4.4	3.3
T3	21.9	21	32.9	11.3	6.7	6.2		33.3	28.6	18.8	9.1	5.6	4.6
T5	24	21.6	22.2	13.2	8.5	10.4		21.7	25.3	26.7	12.5	7.1	6.6
FP1	29.1	26.4	17.2	12.7	8.2	6.5		41.8	22.9	20.5	7.8	4	3
F3	20.7	23.4	25.5	15	8	7.4		40	27	17.7	7.3	4.6	3.5
C3	19.1	20.8	35.8	14.8	5.6	3.9		21	24.3	20.6	24.5	5.7	3.9
P3	28.1	23.9	24.1	13.1	6.7	4.1		26.8	31	19.2	13.2	5.5	4.3
O1	27	25.4	19.9	13.4	7.1	7.2		21.8	21.1	25.1	12.4	9.5	10.2
FZ	16.5	26.2	34	12.9	6.2	4		20.6	33.8	26.1	10.9	4.8	3.9
CZ	19.6	22.9	34.6	15.5	4.5	3		26.3	25.9	28.2	11.5	4.4	3.7
PZ	26.8	23.5	23.1	16.2	5.5	2.9		27.6	29.6	23.1	10.9	5.6	3.2
FP2	30.8	25	18.8	11	7	7.4		36.3	27.8	20.1	8.7	3.8	3.3
F4	19.2	26.9	30.4	11.5	6.5	5.4		24.5	31.6	25.1	9.9	4.5	4.3
C4	16.9	23	33.7	17.5	5.2	3.8		20.1	25.4	24.9	20.3	5	4.3
P4	29.9	23.3	24.3	13.2	5.9	3.3		24.8	30.1	23.6	12.2	5.7	3.6
O2	28.1	26.4	21.8	12.6	6.2	4.9		23.1	23.8	25.7	12.1	8	7.2
F8	30.7	26	21.1	9	6.2	7		44.4	22.6	17.2	7.3	3.6	5
T4	20.2	21	28.5	10.9	10.9	8.6		34.9	19.1	21.8	11	6	7.4
T6	27.6	22.9	25.7	9.6	6.6	7.5		30.5	27.8	22.3	9.2	5.5	4.6
STORY								CODING					
LOCATION	DELTA 1	DELTA 2	THETA	ALPHA	BETA 1	BETA 2		DELTA 1	DELTA 2	THETA	ALPHA	BETA 1	BETA 2
F7	36.4	26.7	16.5	8.7	6.8	4.9		29	24.5	21.6	12.5	7.1	5.4
T3	28	20.2	20.2	9.5	10.5	11.6		20.8	18.5	31.6	11	9.1	9
T5	28.4	24.2	22.1	10.6	7	7.8		21.6	23.2	29.1	9.6	7.9	8.5
FP1	34.7	30	15.5	9.1	6.4	4.3		28.1	25.3	21.3	11.3	7	7
F3	35.5	26.3	18	9	6.7	4.6		27.6	25.2	22.5	12.5	7.3	4.9
C3	20.4	23.6	25.4	17.7	8	4.8		23.2	21.4	33.6	12.1	6.3	3.4
P3	35.9	21.9	21.2	10.5	5.7	4.7		27.2	23.8	27.1	11	6.2	4.7
O1	22.3	20.2	19.6	13	9.8	15.2		18	22.3	24.8	12.5	10.4	11.9
FZ	21.7	27	29.6	10.5	6.7	4.4		22.8	25.4	31.7	8.9	8.3	2.9
CZ	24.1	27.9	26.6	12.9	5.1	3.3		30.1	21.9	27.8	11.6	5.7	2.9
PZ	31.3	21.1	22.7	13.9	6.6	4.3		31.3	24.4	25.1	11.4	5	2.9
FP2	37.9	28.9	14.2	9.2	5.1	4.6		29.3	24.5	22.3	11.6	6.9	5.4
F4	25.2	25.1	25.3	10.7	7.2	6.5		23.1	27.8	29	9	7.6	3.5
C4	21	24.6	32.2	9.9	7.2	5.2		22.6	26.6	28	13.2	6.3	3.3
P4	31.6	23.4	23.5	9.8	6.8	4.8		30.5	24.2	26.4	10.2	5.3	3.3
O2	25.6	21.8	21.1	11.9	8	11.7		20.7	24.1	28	11.1	8.6	7.5
F8	34.9	27	16.7	8.6	5.8	7.1		35.3	21.4	21.9	10.5	5.8	5.2
T4	18.6	22.4	26.8	10.6	9.4	12.2		23	27.5	25.4	8.6	7.9	7.7
T6	26.8	25.6	24.2	10.3	6.2	6.8		28.6	26.5	23.8	9.1	6	5.9

BASELINE								READING					
LOCATION	DELTA 1	DELTA 2	THETA	ALPHA	BETA 1	BETA 2		DELTA 1	DELTA 2	THETA	ALPHA	BETA 1	BETA 2
F7	28.3	21.5	12.6	11.3	15.8	10.4		33.9	22.5	17.2	8.7	11.6	6.2
T3	20.2	18.1	19.3	16.3	15.9	10.2		30.1	21.8	17.8	8.6	12.5	9.3
T5	19.5	17	16.6	27.2	14.3	5.3		26.5	23	18.3	9.4	13.2	9.6
FP1	24.6	19	14.2	12.1	16.4	13.7		32.5	22.5	18.4	9.6	11.1	5.9
F3	22.8	19.7	17.5	14.3	17	8.8		26.9	25.7	21.8	9.8	12	4
C3	25.1	16.9	23.3	20.4	11.2	3.2		27	25.5	24.3	10.3	8.8	4.1
P3	21.2	17.3	17.4	31.2	10.5	2.4		27.4	24.4	21.7	10.5	10.8	5.2
O1	18.7	17.6	10.8	41.1	8.3	3.4		23.9	20.7	17.9	13.2	12.5	11.6
FZ	21.2	20	17.7	14.8	16	10.2		27.7	25.3	21.4	9.8	11.6	4.1
CZ	23.9	19.7	24.8	20.7	8.6	2.3		27.9	26.1	26.4	9.5	6.9	3.2
PZ	18.9	16.7	12.2	41.8	8.1	2.2		29.6	22.8	20.7	11.3	10.1	5.5
FP2	13.6	12	7.9	9.7	18.9	37.9		31.6	19.8	16.4	10.2	11.8	10.1
F4	21	19.8	17.4	14.7	16.2	10.7		27.8	25.2	21.3	9.8	11.7	4.2
C4	26.6	17	19	21.1	12.8	3.5		30.8	23.7	22.8	9	9.1	4.5
P4	19.3	16.7	12.2	41.5	8.1	2.2		29.8	22.8	20.6	11.2	10.1	5.4
O2	16.4	15.5	9.1	49	7.1	2.9		24.2	19.8	17.6	14.1	12.7	11.5
F8	23.4	20.5	13.7	18.1	15.3	9		34.7	19.3	19	9.8	11.4	5.8
T4	19.7	17.4	13.2	19.3	19.1	11.3		29.1	16.4	15.1	8.2	19.2	12
T6	17.9	16.5	11.6	35.1	14.4	4.4		25.3	19.2	18.7	12.2	15.3	9.3
DRAWING								RAVENS					
LOCATION	DELTA 1	DELTA 2	THETA	ALPHA	BETA 1	BETA 2		DELTA 1	DELTA 2	THETA	ALPHA	BETA 1	BETA 2
F7	35.6	23.4	18.3	8.5	8	6.2		35.3	24.3	16.2	9.6	9.5	5.1
T3	30.4	22.6	16.9	9.5	9.7	10.9		36.6	25.3	17	6.3	7.3	7.5
T5	23.4	22.1	14.7	8.1	14.3	17.3		23.7	29.1	17.5	9.6	10.8	9.3
FP1	36.4	22	19.6	7.6	8.9	5.5		37.6	20.5	13.5	10.3	10.1	8
F3	32.5	23.6	22.4	8.5	8	4.9		32.4	27.3	17.4	9.1	9.7	4.1
C3	29.1	24.8	19.8	12.4	7.4	6.3		31.5	28.2	18.6	9.5	7.6	4.6
P3	24.9	28.3	18.5	10	9	9.4		27.7	30.8	17.8	9.6	8.5	5.7
O1	18.2	20.4	14.6	8.3	15.8	22.7		20.6	30.6	18.1	7.9	10.4	12.4
FZ	27	27	23.7	7.7	9.7	5		27.7	29.2	19.2	8.6	11.3	4.1
CZ	26.8	27.1	21.2	11.8	7	6.1		34.9	27.1	18.3	9.7	6.4	3.6
PZ	22.8	27.9	16.2	8.8	11.6	12.8		34.7	27.9	16.1	6.7	8.8	5.9
FP2	34.6	23.6	17.9	7.9	9.3	6.7		34.2	22.4	15.7	9.4	10.7	7.6
F4	27	27.1	23.5	7.6	9.7	5.1		27.6	29.1	19.1	8.4	11.5	4.2
C4	23.5	27.5	18.5	11.4	10.4	8.7		36.7	25.4	16.6	7.7	8.7	4.8
P4	23.1	27.8	16.1	8.7	11.4	12.8		34.6	28.1	15.9	6.6	8.9	5.9
O2	17.1	19.9	13.5	7.7	16.9	24.8		22.4	28.6	17.4	8	10.7	12.9
F8	29.6	22.8	17.7	10	10.7	9.1		28.9	24.9	18	9.7	12.2	6.3
T4	16.5	19.1	14.1	8.9	24.2	17.2		27.5	21.2	13.1	7.6	18	12.7
T6	16.5	16.5	11.5	9.3	21.3	24.9		33.7	23	13.7	7.7	11.5	10.4
STORY								CODING					
LOCATION	DELTA 1	DELTA 2	THETA	ALPHA	BETA 1	BETA 2		DELTA 1	DELTA 2	THETA	ALPHA	BETA 1	BETA 2
F7	26.3	25.2	21.4	8.7	13.5	5		32.1	20.7	23.9	10.3	8.7	4.4
T3	22.6	26	19.6	8.3	12.8	10.7		34.7	19.5	20.8	9	9.7	6.3
T5	22.8	26.1	19.5	11.1	14.9	5.5		33	19.9	17.2	8.6	12.6	8.7
FP1	28.5	20.6	17.4	9.3	15	9.3		31.6	18.7	21.6	11.1	10.3	6.7
F3	24.1	25.3	23.9	9.2	13.8	3.8		28.7	21.7	26.8	10.8	8.7	3.3
C3	23.9	27.9	25	10.7	9.3	3.2		29.1	24.4	26.5	10	7.1	2.8
P3	20.9	31.6	21.6	11	11	3.9		33.5	26.1	20.4	8.6	7.7	3.8
O1	25.2	24.4	16.3	12.6	14.9	6.6		33.6	22	17.9	10.3	9.7	6.5
FZ	22.2	23.9	23.8	12.1	13.4	4.7		27.6	21.4	25.9	11.4	9.6	4
CZ	29	25.2	22.7	10.9	9.1	3.1		31.7	26.6	24.2	9.2	5.8	2.4
PZ	20.6	30.9	18.7	12.8	12.2	4.8		34.6	26.3	19.6	8.3	7.4	3.8
FP2	26.4	19.7	16.1	11	15.7	10.9		28.6	18.8	20.6	11.5	11.4	9.1
F4	21.9	23.8	23.6	12.1	13.7	4.9		27.6	21.4	25.9	11.4	9.7	4
C4	24.5	27.8	19.9	11.4	12.4	4.1		33.3	24.8	21.3	9.3	8	3.4
P4	21	30.7	18.8	12.8	12	4.7		34.4	26.2	19.7	8.3	7.6	3.8
O2	22.8	24.7	14.9	13.8	15.5	8.3		32.7	21.9	16	10.5	9.8	9.1
F8	26.2	24.3	19.3	11.8	11.6	6.7		36.9	19.7	18.5	10.9	9.3	4.7
T4	20.6	21.8	12	9.5	23.2	13		29.7	16.5	17.2	7.7	19.3	9.6
T6	26.7	25.7	13	12.7	14.2	7.6		30.2	18	15.4	10.4	15.2	10.8

BASELINE								READING					
LOCATION	DELTA 1	DELTA 2	THETA	ALPHA	BETA 1	BETA 2		DELTA 1	DELTA 2	THETA	ALPHA	BETA 1	BETA 2
F7	31.3	18.9	20.5	9.7	9.2	10.4		39	25.6	17.3	10.1	8.5	6.9
T3	14.8	12.8	11.8	11.9	16.7	32		18.2	15.8	15.3	9.5	14.1	8.6
T5	19.6	19.6	18	24.7	10.1	8		16.1	21.1	22.8	26.5	8.9	8.6
FP1	31.5	26.2	18.3	10.9	6.8	6.4		21.3	28.5	21.3	14.6	8.4	7.6
F3	22	21.8	25.8	13.1	8.8	8.6		14.5	30.4	23.3	15.3	8.1	6.8
C3	18.9	20.7	27.6	18.3	8	6.5		16.4	20.9	30.2	18.9	6.7	4.8
P3	22.7	22.5	20	22.6	8.9	3.3		18.4	22.9	24.6	31.5	6.7	3.6
O1	16.1	23.1	17.5	26.9	9.1	7.3		15.4	25.2	20.3	27.3	7.3	6.6
FZ	22.8	21.4	26.4	13.4	8.6	7.4		18.6	30.5	24.1	15.7	8.6	5.4
CZ	16.6	19.8	30.5	22.2	7	3.8		17.4	18.9	28.6	25.3	4.3	3.1
PZ	19.6	23.8	23	22.6	7.9	3.1		11.8	21.5	24.8	32.6	5.5	4.6
FP2	31.8	24.6	18.8	10.8	6.7	7.3		27.3	23.3	22.1	12.3	8.9	7.2
F4	22.3	24	25	14.3	7.8	6.6		20.1	24.8	23.2	16.2	9.9	5.6
C4	15.5	20.9	30.4	20.2	7.8	5.2		23.5	20.6	25.4	20.4	7.1	15.6
P4	18	22.6	23.1	25.8	7.2	3.3		16.2	23	22.6	31.5	9.6	3.3
O2	17.8	26.1	21.6	23.8	7.4	3.4		14.5	27.3	21.6	27.4	5.6	2.6
F8	30.7	21.8	19.6	12.7	7.1	8.2		29.6	21.1	25.6	12.2	8.7	7.1
T4	20.5	17	15.9	14.5	13	19		26.4	18.6	16.5	10.2	10.8	19.1
T6	16.8	24.6	17.5	27.3	8.2	5.6		19.1	13.5	24.3	25.4	11.5	6.2
DRAWING								RAVENS					
LOCATION	DELTA 1	DELTA 2	THETA	ALPHA	BETA 1	BETA 2		DELTA 1	DELTA 2	THETA	ALPHA	BETA 1	BETA 2
F7	38.1	17.7	14.1	15.7	6.2	8.2		34.7	28.1	15	10.4	6.2	5.6
T3	22.1	12.5	17.7	18.9	9.2	19.6		24.2	20	10.3	19.1	9.7	16.6
T5	17.5	16.1	17.2	19.7	14.6	14.8		26.9	18	18.4	16.3	11.1	9.2
FP1	34.5	23.3	18.1	14.3	4.6	5.4		32.1	29.3	17.4	10.4	6.2	4.6
F3	23	22.1	25.3	17.8	6	5.7		21.2	30.3	23.5	12	7.1	5.9
C3	18.2	19.2	28.7	21.8	6.8	5.4		20.4	25	24.3	19.9	6.5	3.9
P3	19	20.5	24	23.9	7.9	4.8		25.3	16	25.2	21.9	7.4	4.2
O1	13.2	16.9	17	22.4	14.7	15.8		18.1	14.9	23.6	17.2	12.3	13.9
FZ	24.4	22.9	25.9	17.1	4.9	4.7		21.6	31.3	24.7	11.2	6.4	4.8
CZ	19.8	22.8	28.5	19.8	5.4	3.8		17.9	26.4	28.7	19.1	5.1	2.7
PZ	19.9	22.8	25.8	21.2	6.7	3.6		23.6	19.1	29.1	19.9	5.2	3
FP2	42	19.4	18.2	11.9	4.5	4.1		31.6	28.4	17.1	10.1	7.1	5.7
F4	22.7	22.7	27	17.1	5.2	5.3		19	31.4	21.9	13.5	8.1	6.1
C4	22.3	22.9	24.9	20.8	5.1	4.1		18.5	28.5	27.2	15.9	6.2	3.8
P4	19.1	23.8	26.7	18.9	6.9	4.7		29.1	17.5	28	15.1	6.5	3.8
O2	16.5	19.9	18.8	25.7	9.2	9.9		22.7	22.9	30.1	13	5.9	5.5
F8	31.2	16.6	19.3	19.1	6.7	7.1		27.3	29.3	18.3	9.9	7.4	7.8
T4	19.7	13.9	15	27.9	10.1	13.5		20.1	22.6	13.9	17.1	13.1	13.1
T6	16	21.9	21.7	18.9	9.1	12.5		31.6	16.7	21.1	14.5	9.5	6.6
STORY								CODING					
LOCATION	DELTA 1	DELTA 2	THETA	ALPHA	BETA 1	BETA 2		DELTA 1	DELTA 2	THETA	ALPHA	BETA 1	BETA 2
F7	31	27.2	16.2	11.9	6.4	7.3		40.2	18.1	17.3	12.7	6.2	5.5
T3	15.2	17.2	15.8	8.7	14.5	28.7		15.5	14	23.7	14.9	12.3	19.5
T5	14	20.9	23.1	23.8	9.3	8.9		15.6	12.7	19.8	20.9	14.4	16.6
FP1	20.4	28	20.8	15	8.6	7.2		30.6	23.8	22	11.8	6	5.8
F3	15.9	30.4	23.3	15.3	8.1	7		18.4	25.6	30.1	14.6	7.4	3.9
C3	17.5	20.9	30.2	19.6	7	4.8		14.4	19.7	30.9	22.9	8	4
P3	13.9	21.9	23	30.9	6.7	3.6		18.4	18	24.2	24.7	8.7	6
O1	15.7	25.2	19.9	27.3	6.9	5		11.3	12.6	13.6	24.2	20.1	18.2
FZ	17.2	30.5	24.1	15.7	7	5.4		18.9	26.2	30.3	14.5	6.7	3.3
CZ	18	18.9	29.2	25.3	5.5	3.1		16.8	20.4	31.9	19.6	7.3	4.1
PZ	12.1	21.5	24.8	32.6	6	3		19.4	20.8	26.9	22	6.8	4.1
FP2	26.1	23.3	22.1	12.3	8.9	7.2		38	19.1	21.4	9.7	6.4	5.3
F4	21.7	24.8	23.2	16.2	8.6	5.6		16.5	24.2	31.9	13.5	8.6	5.2
C4	22.9	20.6	25.4	20.4	7.1	3.5		18	21.3	28.9	21.4	6.5	3.7
P4	13.3	23	22.6	30.5	7.3	3.3		19.7	20.1	27.2	22.4	6.5	4.1
O2	15.5	27.3	21.6	27.4	5.6	2.6		18.4	20.7	19.4	20.9	11.3	9.3
F8	27.8	21.1	23.1	12.2	8.7	7.1		23.7	20.3	25.5	12.9	9.9	7.7
T4	26.8	15.5	17	11.2	10.6	18.8		14.3	18.2	18.9	16	12.3	20.2
T6	18.6	20.1	22.1	25	9.1	5.1		19.8	16.9	27.4	18.9	9	8.1

BASELINE								READING					
LOCATION	DELTA 1	DELTA 2	THETA	ALPHA	BETA 1	BETA 2		DELTA 1	DELTA 2	THETA	ALPHA	BETA 1	BETA 2
F7	32.7	25.3	15.1	8.3	9.7	8.9		41.2	24.5	12.4	5.4	7.2	9.3
T3	39	21.1	14.9	10.9	8.1	6		37.7	20.1	16.3	7.7	9.4	8.8
T5	39.4	19.5	16.9	14.6	6.7	2.9		30.3	29	23.3	8.4	5.9	3.1
FP1	31.6	26.7	16.5	8.4	9.5	7.3		44.6	25.9	13	6.5	5.6	4.4
F3	25.4	24.7	23.3	10.2	11.7	4.7		32.4	29	18.2	7.4	8.9	4.1
C3	29.7	21.1	23.2	13.7	8.8	3.5		30.2	31.2	21.7	8.2	5.8	2.8
P3	39.2	19.6	17.1	14.5	6.7	2.9		30	29.3	23.4	8.5	5.8	3.1
O1	40.7	18.3	14.2	16.9	7.2	2.8		31	23.8	23.3	12.6	5.6	3.8
FZ	25.3	24.5	23.8	10.8	11.9	3.8		34.1	29.5	16.9	7.2	9.2	3.1
CZ	34.3	20.5	23.5	11.8	7.3	2.5		34.3	30.2	21.4	7	4.8	2.3
PZ	43.6	18.8	18.6	10.6	6.3	2.1		35.6	25.5	23.3	8.1	5.4	2.2
FP2	34.3	27.8	15.1	8.4	8.6	5.7		43.1	27.4	13	7.1	5.9	3.4
F4	26	21.9	24.5	11	12.4	4.3		33.2	30.8	15.9	6.5	9.8	3.8
C4	31.4	20.9	23.3	13.9	7.9	2.6		34.6	30.5	19.8	6.8	5.8	2.6
P4	42.5	20.2	17.1	11.3	6.7	2.2		31.3	26.6	24.8	8.8	6.3	2.3
O2	41.6	18.1	14.1	16.1	7.3	2.8		30.5	23.2	23.8	12.8	5.9	3.8
F8	29.7	24.3	18.3	10.4	10.2	7		44	25	13.8	5.7	7.1	4.4
T4	31.7	23.6	20.3	12.4	7.9	4.1		43.1	24.6	18.1	5.1	6.1	2.9
T6	40.7	20.5	16.9	11.9	7.4	2.5		30.7	24.7	25.8	8.4	7.2	3.1
DRAWING								RAVENS					
LOCATION	DELTA 1	DELTA 2	THETA	ALPHA	BETA 1	BETA 2		DELTA 1	DELTA 2	THETA	ALPHA	BETA 1	BETA 2
F7	41.6	23.8	16.1	7.5	6	5		39.8	21.7	16.1	7.6	7.2	7.6
T3	38.5	26.9	16.1	8.7	5.8	4		32.7	23.1	15.9	9	9.3	10.1
T5	37.3	27.3	17.5	7.4	6.1	4.3		46.7	26.5	13	6.9	4.5	2.4
FP1	39.8	25.2	16.5	8.4	6.6	3.6		35.4	26.3	16.5	7.6	8.3	5.9
F3	32.9	24.2	21.1	10	7.7	4.2		33.7	23.3	20.7	8.5	9.8	4
C3	34.9	28	19.2	8.6	6	3.3		36.6	25.4	20.9	8.7	5.9	2.6
P3	37.5	27.3	17.5	7.4	6.2	4.2		46.2	26.8	13.2	6.8	4.5	2.4
O1	33.3	23.7	17	9.7	8.6	7.7		36.5	26.2	15.3	8.4	7.6	3.9
FZ	33.1	26.5	20.3	8.8	8	3.3		35	23.4	20	8.8	9.5	3.3
CZ	37.4	26.4	18.6	8.8	5.9	3		36.6	24.5	21	8.5	6.6	2.8
PZ	37.5	27	18.8	7.8	5.7	3.2		39.1	28	18.2	7.6	4.8	2.3
FP2	38.5	27.1	16.2	8	6.8	3.3		36.5	25.1	17.1	7.7	8.8	4.8
F4	31.4	27	21.4	7.7	8.7	3.9		31.2	22.5	22.3	9.3	9.4	5.3
C4	35	24.7	22.2	8.1	6.7	3.3		31.7	23.4	22	11.3	7.7	4
P4	37.1	24.4	20.1	7.9	6.5	3.9		35.9	31.7	17	7.2	5.8	2.4
O2	32.7	23.2	17.2	10	8.8	8.2		35.8	28.3	15.9	8.5	7.6	3.9
F8	38.1	22.2	17.5	7.7	8.1	6.4		38.1	24.5	15.8	5.8	8.2	7.7
T4	38.3	22.4	20.7	7.9	6.4	4.3		39.1	25	14.7	7.5	7.9	5.8
T6	34.3	22.8	19.6	9	8.3	6		39.4	29.1	14.4	7.5	6.4	3.2
STORY								CODING					
LOCATION	DELTA 1	DELTA 2	THETA	ALPHA	BETA 1	BETA 2		DELTA 1	DELTA 2	THETA	ALPHA	BETA 1	BETA 2
F7	39.5	23.1	11.1	6.5	10.2	9.6		43.2	20.5	16.2	8.4	6.6	5.2
T3	32.9	21.7	13.9	8.4	9.8	13.4		42.2	21	18.7	6.3	7	4.7
T5	39.4	25.7	17.2	7.5	7.4	2.7		38.7	22.3	21	7.6	6.7	3.6
FP1	31.8	22.7	15.8	8.6	9.6	11.5		38.5	21.9	19.2	9.5	6.7	4.1
F3	33.3	26.5	18.7	8.5	8.5	4.4		29	22.9	24.9	11.3	7.7	4.2
C3	35.7	29.3	18.5	7.4	6.6	2.6		32.6	21.6	24.8	10.6	7	3.4
P3	39.4	25.8	17.2	7.7	7.3	2.6		38.1	22.5	21.4	7.7	6.7	3.7
O1	38.9	24.8	17.5	9.8	6.8	2.3		30.5	24.5	17.1	8.3	11.2	8.3
FZ	30.5	24.3	21.9	10.6	8.9	3.7		28.9	23.1	24.7	11.2	8	4
CZ	34.7	26.7	22.9	7.5	5.8	2.4		35.6	26	20.7	8.9	5.9	2.9
PZ	38.9	27	18.7	7.7	5.9	1.8		32.6	28.9	20.3	8	7	3.2
FP2	33	23.1	19.4	9.4	9.1	5.9		38.8	23	19.8	8.8	6.2	3.4
F4	29.4	23.7	24.2	9.4	8.8	4.5		28.7	26.8	21.3	10	8.8	4.4
C4	35.2	23.8	23.7	8.4	5.9	3.1		29.8	28.8	20.8	10.9	6.5	3.2
P4	41	27.3	16.8	7.3	5.4	2.2		29.7	29.1	20.5	8.6	7.8	4.3
O2	39.1	25	17.5	9.4	6.7	2.3		29	24.2	16.6	8.4	12.3	9.5
F8	34.3	21.8	16.7	8.7	9.8	8.7		34.2	23.6	18.4	9.6	8.7	5.4
T4	40.5	25.4	16.8	6.9	6.2	4.2		32	26.7	20.1	9.8	7.4	3.9
T6	48	26	11.9	6.3	5.6	2.4		26.8	25.7	20.2	9.8	10	7.5

BASELINE								READING					
LOCATION	DELTA 1	DELTA 2	THETA	ALPHA	BETA 1	BETA 2		DELTA 1	DELTA 2	THETA	ALPHA	BETA 1	BETA 2
F7	27.6	17.4	23.2	12.2	14.5	5		28.6	16.8	26.6	10.5	11.5	6
T3	18.2	19.7	30	14.8	14.1	3.1		20	20.1	32.8	11.2	11.3	4.6
T5	16.1	14.9	30.7	20	14.6	3.6		20.8	18.5	35.6	11.6	10.8	2.7
FP1	38	17.2	18.5	10.1	11.9	4.3		26.4	19	23.9	11	12.3	7.3
F3	22.6	16	26.2	14.9	17.4	2.9		19.1	19.5	31.5	11.8	14.7	3.3
C3	18.1	19.7	29.8	15.1	14.3	3		19.8	20.2	32.9	11.2	11.5	4.4
P3	16.3	16.2	31.9	21.3	12.3	1.9		21.5	20.1	34	12.1	10.1	2.3
O1	14.2	14.1	30.1	31.6	8.5	1.4		23.4	19	34.4	12.5	8.4	2.4
FZ	22.6	15.9	26.3	15	17.3	3		19	19.5	31.6	11.9	14.6	3.3
CZ	14.9	17.6	35.5	15.2	14.8	2		16.5	20.9	36.7	11.4	11.9	2.6
PZ	14.4	14.9	35.5	22.3	11.4	1.5		20.5	20	33.6	13.4	10.2	2.3
FP2	37.7	12.8	21.8	9.8	13.1	4.8		25	18.4	24.4	11.9	13.2	7
F4	18.1	15.8	30.2	14.2	17.9	3.8		16.8	19.1	28.3	12.7	17.9	5.2
C4	15	16.9	30.6	20.1	15	2.4		17.4	20.8	31	13.4	13.8	3.6
P4	15.2	15.6	30.9	24.2	12.6	1.5		20.4	20.8	32	13.2	11	2.7
O2	13.9	14.4	30.3	31.7	8.3	1.4		24.1	19.7	33.3	12.3	8.3	2.4
F8	18	15.9	30.3	14.1	18	3.8		16.9	19.1	28.2	12.7	17.9	5.1
T4	15.2	16.4	28.8	19.8	15.7	4		23.3	19.4	27.2	12.2	13	4.9
T6	10.8	15.2	28	30	13.5	2.5		20.7	22.5	30.9	11.4	10.8	3.6
DRAWING								RAVENS					
LOCATION	DELTA 1	DELTA 2	THETA	ALPHA	BETA 1	BETA 2		DELTA 1	DELTA 2	THETA	ALPHA	BETA 1	BETA 2
F7	26.2	15.6	26.1	12	12.7	7.4		38.5	20.7	17.6	7.2	10.1	6
T3	23.2	14	35.6	11.7	9.9	5.5		30.9	21.5	19.8	11.9	10.9	5
T5	18.8	14.4	38.7	12.4	11	4.7		22.8	22.1	21.3	14.4	14.7	4.8
FP1	29.6	17.4	21	12.6	11.1	8.4		44.6	19.1	13.1	8.7	8.6	5.9
F3	21.6	17.7	30.6	13.8	13.1	3.3		28.7	20.5	23.6	10.5	13	3.6
C3	23.4	14.1	35.5	11.7	9.9	5.4		30.9	21.8	19.8	11.9	10.6	4.8
P3	23.5	18.6	30.6	13.8	10.2	3.3		24.6	23.8	20.1	16.8	11.7	3
O1	24.4	20.8	26.4	15.9	9	3.5		22.4	30.6	21.9	12.7	9.1	3.4
FZ	21.8	17.6	30.6	13.6	13.1	3.4		28.5	20.6	23.5	10.6	13.2	3.7
CZ	18.9	18.2	36.2	12.4	11.8	2.6		24.2	20.6	28.4	11.9	12.5	2.5
PZ	23.6	18.6	30	14.2	10.7	2.8		24.5	24.9	23	14.1	10.8	2.7
FP2	28.7	17.7	19.2	11.7	12.8	10		42.5	19	14	8.8	9.2	6.5
F4	18.6	18.7	27.7	11.7	16.7	6.7		26.3	18.2	21.8	10.6	16.7	6.4
C4	18.3	18.9	29.6	17.4	12.6	3.2		24.7	20.5	20.6	13.6	16.8	3.8
P4	22.6	19.3	27.3	16.1	11.4	3.4		23.1	23.6	21	13.3	14.2	4.9
O2	25.2	21.2	26.1	15.6	8.4	3.5		23.7	31.1	21.2	11.7	8.8	3.4
F8	18.6	18.8	27.6	11.7	16.7	6.6		26.5	18.4	21.5	10.5	16.6	6.4
T4	21.1	18.4	25	14.6	13	8		24.9	16.2	20.8	15.8	16.9	5.3
T6	23.3	18.1	26	13.2	12	7.5		23.4	26.7	20	13.5	11.4	4.9
STORY								CODING					
LOCATION	DELTA 1	DELTA 2	THETA	ALPHA	BETA 1	BETA 2		DELTA 1	DELTA 2	THETA	ALPHA	BETA 1	BETA 2
F7	31	16.6	21.4	9.2	14.1	7.7		30.8	14.7	23.6	11.2	11.4	8.3
T3	23.5	18.2	28.3	11.7	13	5.4		25.1	15.8	27.7	13.5	12.4	5.4
T5	21.7	15.8	28.7	12.9	14.1	6.8		17.5	16	33.2	13.4	15.4	4.5
FP1	34.5	16.1	21	9.4	10.6	8.3		43.9	16.4	18	8.8	8.5	4.5
F3	20.9	18.3	29.7	11.4	15.5	4.2		27.3	17.2	27.2	13.3	12.1	2.9
C3	23.1	18.2	28.7	11.8	13.1	5.2		24.4	15.9	27.9	14	12.6	5.1
P3	23	16	29.8	16.5	11.8	2.8		22.1	19.4	29.9	12.5	13.1	3
O1	25.5	18.6	25.6	17.3	10.2	2.7		24.3	24	26.2	13	9.9	2.6
FZ	20.8	18.2	29.7	11.5	15.5	4.3		27.2	17.2	27.3	13.3	12.1	2.9
CZ	14.9	15.2	39.1	13.6	14	3.1		21.5	16.5	33.4	12	13.5	3
PZ	20.2	16	32.5	17.6	11.4	2.4		21.5	21	30.1	12.7	12.4	2.2
FP2	34.1	14.6	21.6	10.8	12.5	6.4		37.8	17.2	16.7	9.4	11.6	7.3
F4	20.9	16.2	27.3	11.8	18.5	5.4		22	16.5	27.7	11.9	16.1	5.8
C4	21.8	15.8	29.5	16.3	13.1	3.5		17.8	18.3	31.9	14.9	13.7	3.3
P4	24.2	18.3	26.2	17.4	11.2	2.8		18.4	19.5	32	13.9	13.5	2.7
O2	26.3	20	24.5	16.8	9.7	2.7		25.5	24.1	26.3	12.6	9.1	2.3
F8	21.3	16.2	26.9	11.8	18.5	5.3		22.8	16.3	27.4	11.8	15.7	5.9
T4	26.7	18.2	20.6	14.2	14.3	5.9		19.5	20.8	26	12.8	15	5.8
T6	25.9	21.8	22.5	13.2	10.8	5.8		21.1	18.3	27	14.5	13.2	5.9

BASELINE								READING					
LOCATION	DELTA 1	DELTA 2	THETA	ALPHA	BETA 1	BETA 2		DELTA 1	DELTA 2	THETA	ALPHA	BETA 1	BETA 2
F7	20.8	20.1	17.1	20.5	11.6	9.9		32.1	22.3	18.5	12	8.9	6.2
T3	16.9	21.6	17.5	17.2	14.8	12		21.7	19.9	23	13.9	11.3	10.1
T5	20.8	18.1	16.7	26	10.5	7.9		17.6	23.9	23.7	13.2	11.9	9.7
FP1	19.1	15.9	15	14.2	15.2	20.6		31.2	21.4	15.7	12.9	10.7	8.2
F3	18	16.3	18.6	18	16.2	13		17.5	20.1	23.3	15.8	12.8	10.4
C3	20.3	20.5	22.8	23.8	8.1	4.6		19.6	23.3	26.8	16.6	8.7	5
P3	24.7	17	17.7	29	7.8	3.8		25.5	24.3	24.9	13.4	7.6	4.4
O1	18.8	13.1	9.8	47.9	6.7	3.7		22.7	20.7	25.3	20	7	4.2
FZ	22.8	22.7	24.2	17.9	7.6	4.8		23	24.1	25.9	15.1	7.5	4.5
CZ	21.2	21	23.4	23.8	7.2	3.4		21	27.6	26.2	14.9	6.3	4.1
PZ	23.2	17.7	18.5	31.2	6.3	3.1		27.5	24.2	25.9	13.3	5.8	3.3
FP2	17.3	15.1	13.6	12.2	18.7	23.1		32.5	19.9	16.1	12.8	10.5	8.2
F4	17.6	18.7	18.7	16.3	14	14.7		21.5	23	23	15.1	9.6	7.9
C4	22.3	20.7	22.6	22.5	7.8	4.2		21.7	25.9	28.7	14.1	6.2	3.4
P4	23.6	17.6	18	30.1	7.3	3.4		27.7	26.7	23.4	12.1	6.8	3.4
O2	18.8	12.8	11.1	43.2	9	5		23.7	23.6	24.2	16.7	7	4.9
F8	19.6	19.3	17.3	16	13	14.8		31.5	22.5	19.8	13	7.1	6.1
T4	23.1	21.7	16.7	13.5	13.1	11.9		32.1	22.7	24.6	10.3	6.2	4.1
T6	19.8	15.8	14.4	27.7	13.2	9.1		24.8	26.4	21.1	11.8	9.2	6.7
DRAWING								RAVENS					
LOCATION	DELTA 1	DELTA 2	THETA	ALPHA	BETA 1	BETA 2		DELTA 1	DELTA 2	THETA	ALPHA	BETA 1	BETA 2
F7	33.1	21	19.1	11.3	8.6	6.8		38.3	20.1	19.2	9.2	7.1	6.1
T3	19.1	20.1	16.5	12.1	15.8	16.4		18.3	25.1	21.8	11.1	13.7	10
T5	21	19	14.9	10.5	16.5	18.1		22.2	19.5	16.1	10.3	16.2	15.7
FP1	30.5	17.7	20.8	9.7	10	11.3		38.3	18.6	18.8	8.8	7.7	7.8
F3	23.1	16.6	22.5	11.7	13.2	12.9		23.2	22.3	25.6	10.8	10	8
C3	28.5	21.9	25.2	13.4	6.6	4.4		20.8	24.4	29.6	12.4	8.6	4.3
P3	29.2	23	22.3	11.9	8.3	5.3		23.5	25.3	25.9	13.4	7.2	4.7
O1	23	21.9	19.8	17.8	9.3	8.2		23.4	19.4	33.3	10.6	6.9	6.3
FZ	27.7	20.3	28	12.2	7	4.8		23.4	23.5	27.3	12.2	8	5.6
CZ	27.8	19.8	27.4	14.5	6.5	4		22.8	22.1	30.6	12.8	7.7	4
PZ	30.6	21.1	23.9	13.8	6.7	3.9		25.9	23	27.8	12.8	6.5	4
FP2	30.1	17.4	19.2	8.6	9.9	14.9		34.7	17.3	13.2	6.2	11.9	16.8
F4	23.2	18.4	23.2	12	11.5	11.7		18.7	20.2	22	10	14	15
C4	25.9	21.2	25.5	15.2	7.1	5		19.8	26.5	27.4	13.9	7.9	4.5
P4	30.7	21.2	22.4	13.8	7.1	4.8		24.6	25	26.1	12.9	7.4	4.1
O2	23.6	20.8	17.9	18.7	10.2	8.9		23.4	18.8	29.7	11.5	9.2	7.4
F8	29.4	20.6	20.8	12.5	9	7.7		31.8	24.6	15.1	9.9	9.2	9.3
T4	36	25.3	17.6	9.7	6	5.4		26	24.9	19.1	10	9.4	10.5
T6	27.9	21.6	17.4	12.1	10.4	10.6		23.5	22	20.9	11.5	12.3	9.9
STORY								CODING					
LOCATION	DELTA 1	DELTA 2	THETA	ALPHA	BETA 1	BETA 2		DELTA 1	DELTA 2	THETA	ALPHA	BETA 1	BETA 2
F7	28.4	20.1	14.4	18.4	9.5	9.2		39.7	21	12.9	11.1	8.1	7.2
T3	21.8	24.5	18.5	16	9.7	9.5		25	28.6	15.5	9.1	11.7	10.1
T5	17.6	17.6	16.6	29.1	11.3	7.8		18	18.7	17.6	14.1	15.2	16.4
FP1	25.6	20.1	16	15.3	12.4	10.7		34.9	19.8	13.7	8.5	12.8	10.3
F3	17.6	19.1	18.8	15.8	14.3	14.5		23	21.2	17.9	13.3	14.3	10.1
C3	20.6	22.1	21.6	21.9	8.7	5.1		21.5	25.4	25.5	13.9	8.6	5
P3	21.2	19.5	20	26.6	8.4	4.3		21.5	23.3	26.2	15	8.3	5.7
O1	12.9	11.5	10.9	56.2	5.5	3.1		21.9	22.5	24.6	16.3	6.9	7.7
FZ	25.1	24.7	21.9	17.3	6.9	4.2		29.1	23.2	23.5	12.3	7.6	4.3
CZ	21.4	22.6	23.2	22.4	6.5	3.9		24.6	23.4	26.3	14.3	7.1	4.3
PZ	22.1	17.7	20.5	29	7.1	3.6		21.3	23.4	23.6	19.9	7.2	4.6
FP2	25.7	18.9	18.6	15.9	12.6	10.3		29	15.2	9.2	6.8	14.1	25.7
F4	22.1	21.5	18.4	17.3	11.8	8.9		26	18.1	16.7	10.7	14.2	14.3
C4	22.1	21.9	23.7	20.3	7.3	4.7		23.9	25.2	23.8	13.5	8.7	4.8
P4	22.3	18.3	22.1	26.2	7	4.1		23.1	26	23.1	15.5	7.5	4.9
O2	13	11.9	11.6	53	6	4.4		22.3	23.2	20.7	14.8	9.2	9.7
F8	25.7	19.6	16.2	16.9	10.6	10.9		31	17.3	17.1	11.4	11.4	11.7
T4	24.7	21.3	17.8	14.7	10.8	10.7		19	19.7	16.2	8.8	17.3	19
T6	16.4	13.9	14.6	36.9	10.4	7.8		19.1	26.4	19.4	11.6	11.8	11.7

BASELINE								READING					
LOCATION	DELTA 1	DELTA 2	THETA	ALPHA	BETA 1	BETA 2		DELTA 1	DELTA 2	THETA	ALPHA	BETA 1	BETA 2
F7	29.1	19.1	17.6	22.3	5.8	6.1		32.5	21.4	20.5	10.9	7.6	7.1
T3	16	17	17.2	30.5	10.4	8.9		21.7	21.1	20.8	12.3	13.9	10.1
T5	10.7	11.1	14.5	54.6	6.6	2.5		19.3	19	24.3	18.2	10.9	8.2
FP1	26.9	22.9	18.8	22.5	5.5	3.5		25.9	23.1	24.4	13.2	8.1	5.2
F3	20.3	19.1	22.6	25.8	6.8	5.4		23.6	21.4	27.3	13.1	8.5	6.2
C3	14.9	17.3	23.8	33.7	6.7	3.5		23.3	22.6	24.8	17.1	8	4.2
P3	11.6	11.1	15.1	55.8	4.8	1.6		27.4	20.8	22.9	16.4	7.9	4.5
O1	7.6	14	11.5	61.7	3.4	1.8		18	15.1	28.6	19.4	9	9.9
FZ	21.7	19.9	25.8	23.6	6.3	2.8		24	21.7	29.6	12.5	7.7	4.5
CZ	16.3	20.9	25	29.3	6.1	2.4		26.6	25.3	24.6	13.2	6.9	3.5
PZ	11.8	12.8	17.3	52.4	4.4	1.2		24.6	19.8	23.6	20.8	7.9	3.3
FP2	29	22.6	18.5	21	5.6	3.3		27.7	21.1	26.9	11.2	7.3	5.8
F4	22.3	19	23.5	23.6	7.8	3.9		25.2	19.4	29.6	11.7	7.3	6.8
C4	17.4	16.5	16.9	40.4	6.7	2.1		21.4	18.2	25.9	22.9	7.4	4.2
P4	11	15.1	12.9	56.3	3.7	1		23.8	18.5	24.6	21.6	8.2	3.3
O2	7.9	16.6	14.9	56.1	3.2	1.2		20	14.7	28.8	22.6	8.3	5.6
F8	27.7	19.3	17.8	21	6.6	7.5		29.6	16.5	23.8	11.2	7.9	11
T4	10.4	9.2	10	19.5	25.6	25.3		10.5	8.7	10.9	7.1	21.5	41.3
T6	9.5	12.2	12.6	61.4	3.4	0.9		21.3	19.4	27.1	18.2	9.6	4.3
DRAWING								RAVENS					
LOCATION	DELTA 1	DELTA 2	THETA	ALPHA	BETA 1	BETA 2		DELTA 1	DELTA 2	THETA	ALPHA	BETA 1	BETA 2
F7	33.9	21.8	15.9	12.8	6.8	8.9		35.6	20.4	21.1	8.8	6.4	7.8
T3	27.1	18.9	16.3	16.4	10.9	10.4		25.3	21.3	19.9	8.7	14.5	10.2
T5	18.1	15.8	18.1	13.1	18.3	16.7		24.2	16.3	20.4	13.6	16.4	9.1
FP1	30.1	29.3	17	10.9	7.1	5.6		38.5	20.9	19.6	9.7	6.5	4.8
F3	23.2	26.3	24.2	12.4	6.9	6.9		25.5	20.9	28.8	11.2	7	6.6
C3	23.8	18.2	28.9	16.9	6.6	5.7		21.7	18.9	31.9	15.3	7.1	5.2
P3	19.4	16.5	26.5	17.4	11.6	8.6		25.6	20.2	24.6	13.8	9.4	6.3
O1	13.9	9	14.7	18.7	15.6	28.2		22.2	15.6	13.9	14.4	15.1	18.8
FZ	24	27.3	28.1	8.8	7.5	4.3		29.7	21.2	29.1	9.8	6.2	3.9
CZ	21.9	24.4	28.4	14.9	5.9	4.4		30.8	20.5	26.1	12.3	6.3	4.1
PZ	18.4	19	27.2	19.5	9.5	6.4		29.3	21.3	22.2	14.2	7.9	5
FP2	30.4	26.2	18.4	11	7.7	6.3		37.8	20	18.7	10.5	7	6
F4	20.9	23.9	30.4	9.4	7.9	7.6		31.7	20.3	22.2	11.7	7.4	6.6
C4	21.7	16.4	22.5	27.3	6.6	5.4		32.8	17.7	18.5	19.2	7.4	4.4
P4	19.8	21.5	24	16.1	11.5	7		30.3	19.1	20	14.9	10.1	5.6
O2	13.3	14.6	18.9	18.2	14.1	20.9		23.6	17.6	16.9	14.9	13.4	13.6
F8	22.8	20.8	21.1	13.9	10.2	11.1		33.9	19.3	15.7	9.7	9.3	12
T4	11.4	8.4	10.1	7.9	14.8	47.3		20.9	13.3	8	6.6	21.9	29.4
T6	16	15.8	18.7	14.9	19.9	14.7		29.2	23.1	16.5	11.7	12.8	6.7
STORY								CODING					
LOCATION	DELTA 1	DELTA 2	THETA	ALPHA	BETA 1	BETA 2		DELTA 1	DELTA 2	THETA	ALPHA	BETA 1	BETA 2
F7	35.7	20.8	16.9	11.3	7.8	7.6		38.8	25.2	14.2	8.4	6.5	6.8
T3	20.7	22.9	18.7	13	10.6	14.2		21.8	18.7	15	13.1	15.5	16
T5	19.4	14.8	20.4	26.9	14	4.4		18	16.6	17.2	15.7	15	17.6
FP1	36.1	19.3	20.9	11.3	7.7	4.7		33.3	22.3	22.7	10.6	6.1	4.9
F3	26.5	22.8	24.2	11.6	8.9	6.1		27.3	22.7	23.3	12.1	8.1	6.4
C3	21.2	23.7	25.2	17.8	8.2	3.9		22.2	26.2	22.8	12.4	9.6	6.8
P3	22.4	18.4	22	25.4	8.9	3		25	24	20.3	11.5	10.7	8.5
O1	20.2	10.9	16.9	35.5	10.9	5.5		15.7	14.2	15.1	13.9	14.4	26.9
FZ	26.9	23.3	28.2	10.3	7.5	3.8		26.9	25.7	26.7	9.5	6.6	4.6
CZ	24.6	25.6	26.7	14.2	6.2	2.8		28.6	27.9	22.2	10.8	6.1	4.5
PZ	22.7	16.8	18.3	32.5	7.5	2.2		33.9	20.8	18.7	11.6	8.9	6
FP2	35.6	19.8	21.2	10.6	7.7	5.2		34.7	20.1	24.3	9.1	6.5	5.3
F4	30.1	20.5	25.4	10.7	8	5.3		28.1	24.9	24.2	9.1	7.8	5.9
C4	21.7	19.4	22.7	23.6	9	3.5		22.7	23	18.7	21	8.5	6.1
P4	22.7	16	16.5	33.8	8.4	2.6		33.5	21.2	18.4	11.8	8.7	6.4
O2	16.8	12.6	14.9	42.6	9.5	3.6		23.6	15.9	16.9	11.7	11.9	20
F8	37.7	19.8	16.1	10	7.1	9.3		41.5	18.5	16.1	7.7	7.1	9.1
T4	18.8	14.1	11	11.4	18.5	26.2		13.7	8.3	6.1	5	20.5	46.4
T6	22.1	15.2	21.4	26.8	11	3.5		23.4	17.3	16.6	14.6	13.3	14.9

BASELINE								READING					
LOCATION	DELTA 1	DELTA 2	THETA	ALPHA	BETA 1	BETA 2		DELTA 1	DELTA 2	THETA	ALPHA	BETA 1	BETA 2
F7	42	25.8	14	8.2	5.5	4.6		36.1	25.3	18.5	9.1	6.5	4.5
T3	17.9	21.8	14.9	10	14.9	20.4		24.8	27.8	22.7	11.2	7.8	5.8
T5	28.7	21.2	17.5	15.1	9.6	7.9		25.1	25.4	22.7	13.1	6.7	7
FP1	31	23.6	19.5	13	6.7	6.2		31.1	25.8	21.8	11.2	6.2	4
F3	26.1	27.3	22.4	14.8	5.8	3.6		28.9	27.3	25	11.3	4.8	2.7
C3	21.9	25.7	23.3	20.7	5.2	3.2		28	25.3	25.8	12.8	5	3.1
P3	27.8	24	21.6	17.2	6	3.6		27.7	24.5	25.8	13.3	5	3.7
O1	27.5	22.5	18.7	18.3	7.9	5.1		20.6	20.9	26.8	15.9	7.5	8.4
FZ	25.8	26.9	23.2	15.6	5.4	3.1		30.9	25.1	25.7	11.6	4.3	2.4
CZ	22.6	24.3	28.1	18.1	4.5	2.4		26.8	23.9	29.6	13.5	4	2.3
PZ	28.6	21.8	24.2	18.1	4.7	2.6		28.4	23.7	27.8	13.6	3.8	2.6
FP2	37.6	21.8	15.9	11.8	6.6	6.3		34.2	23.4	20.7	12.1	5.9	3.8
F4	20.3	25.1	21	16.9	9	7.6		27	24.2	24.1	13.3	6.7	4.7
C4	22.3	22.6	26	19	6.3	3.8		25.5	25.7	27.9	13.4	4.8	2.8
P4	28.3	21.2	23.4	17.9	5.4	3.8		29.7	24.6	25.3	12.3	4.5	3.6
O2	27.2	21.5	17.7	15.9	8.4	9.3		20.4	20.2	24	15.7	8.2	11.5
F8	31.4	23.6	17.2	13.2	8	6.5		33.1	21.7	20.9	12.6	6.8	5
T4	24.9	20.4	16.1	11.3	13.7	13.7		26.7	24	22.5	11.5	9.1	6.2
T6	28.8	20.6	20.1	15.4	7.9	7.2		26.5	22.2	23.9	14.3	6.4	6.7
DRAWING								RAVENS					
LOCATION	DELTA 1	DELTA 2	THETA	ALPHA	BETA 1	BETA 2		DELTA 1	DELTA 2	THETA	ALPHA	BETA 1	BETA 2
F7	33.9	18.3	20.4	11.8	8.7	6.9		34.9	24.9	16.7	11	7	5.6
T3	12.9	14	14.8	12.2	17.4	28.8		19	20.6	11.8	8.5	11	29.2
T5	22.5	21.2	21	15.5	10.5	9.3		24.5	31.4	16.6	8.8	9.1	9.6
FP1	30.3	21.1	26.2	12.4	5.8	4.1		33.9	25.2	19.3	11.4	6.3	3.9
F3	23.2	22.9	28.9	14.5	6.3	4.1		28.3	31.2	22.4	9.6	5.6	2.8
C3	20.5	25.2	22.9	13.9	8.8	8.7		26.9	29.7	20	12.6	7	3.9
P3	24.4	28.8	22	13.3	6.2	5.3		29.1	31.3	18.7	8.9	6.6	5.3
O1	22.4	22.6	22.4	16.5	8.6	7.5		25.8	26.3	18	11.2	7.9	10.8
FZ	21.4	22.7	34	13.6	5	3.3		27.1	31.2	25.1	10.1	4.2	2.3
CZ	25.2	26.2	26.4	14.7	4.3	3.3		26.8	29.8	24.6	11.5	4.6	2.6
PZ	28.3	29.8	20.1	12.9	4.8	4		33.5	28.4	19.7	9.6	5.1	3.7
FP2	29.1	19	28.3	12.8	6.4	4.4		36.4	24.8	17.5	10.8	6.1	4.4
F4	17.3	20.5	32.7	14.1	8.5	6.8		25.3	27.2	22	10.8	8	6.7
C4	25.8	22.5	26.4	14	5.9	5.4		25.7	28.3	24.6	11.7	6.1	3.7
P4	27	27.2	21.1	12.4	6	6.3		32.7	27.6	18.3	10.4	6.1	4.9
O2	21.1	18	18.8	15.4	10.5	16.2		26.6	26	14.4	10.5	8.7	13.9
F8	25.7	17.4	24.3	12.8	9.7	10.1		27.9	24.7	20.3	14	7.5	5.6
T4	20.1	20.5	16.8	13.6	15.4	13.6		23.7	25.2	18.1	8.2	12.6	12.2
T6	24.3	25.8	18.5	13.4	8.5	9.4		25.3	28.6	16.8	12.4	8.1	8.8
STORY								CODING					
LOCATION	DELTA 1	DELTA 2	THETA	ALPHA	BETA 1	BETA 2		DELTA 1	DELTA 2	THETA	ALPHA	BETA 1	BETA 2
F7	30.4	26.5	19.7	11.2	6.3	5.8		30.8	25.1	20	12.6	6.3	5.2
T3	20.4	23.8	17.7	10.9	14	13.2		22.1	23.7	18.7	11.8	10.8	12.9
T5	25.6	22.2	23.2	15.5	7.7	5.8		30	23.5	20.3	11.9	7.7	6.7
FP1	29	24.6	23.9	12.5	5.9	4		26.5	27.8	24	11.7	5.5	4.4
F3	25	24.7	27.8	13.8	5.8	3		23.2	31	24.9	12.2	5.2	3.6
C3	22.3	23.9	25.7	17.5	7.1	3.5		21.1	27.2	24.7	13.8	6.8	6.4
P3	27.5	21.9	24.4	17.2	6.2	2.8		26.4	26.8	21.2	14.6	6.1	4.8
O1	29.4	21	20.4	19.5	6.2	3.6		24	21.9	20.1	18.2	9.3	6.4
FZ	25.5	24	28.8	14.3	4.8	2.6		24.3	30.9	25.7	11.6	4.4	3
CZ	25.1	20.2	30.6	17.1	4.9	2.1		23.9	28.4	25.3	14.4	4.9	3.1
PZ	28.7	19.7	26.6	18.9	4.3	1.8		29.5	26.3	19.8	15.2	5.5	3.7
FP2	30.7	22.8	24.2	12.2	5.9	4.3		31.6	26.7	22.5	10.3	5.1	3.8
F4	20.4	24.8	25.6	13.4	7.4	8.4		22.4	29.9	24.6	10.8	7.1	5.2
C4	26	20.3	27.1	17.3	6.2	3.1		24.9	28.6	22.5	14.7	5.4	4
P4	31.3	19.9	23.6	17.7	5	2.5		29.9	26.9	18.9	13	5.9	5.3
O2	32.4	20.1	18.9	17.2	5.7	5.7		21.1	20.8	16.5	16.7	10.8	14.1
F8	27.2	23.2	23.7	12.2	7	6.7		30.7	26	21.5	10.6	5.9	5.3
T4	24.4	21.8	19	12	12.8	9.9		26	23.1	20	12.6	9.8	8.4
T6	26.2	22.2	23.7	17.5	6.3	4.1		28	24.3	20	12.6	7.1	8.1

BASELINE								READING					
LOCATION	DELTA 1	DELTA 2	THETA	ALPHA	BETA 1	BETA 2		DELTA 1	DELTA 2	THETA	ALPHA	BETA 1	BETA 2
F7	22	12.1	21.7	12.2	11.6	20.4		30.5	17.7	22.5	10.1	7.8	11.4
T3	16.2	14.2	28.4	16.5	11.5	13.2		23	18.3	23.7	10.9	11.6	12.6
T5	15.2	9.7	22.8	40.8	7.1	4.4		15.9	16.7	27	22.9	8.5	9
FP1	22.3	13.4	19.3	14.7	16	14.4		27.8	18.2	24.1	16.6	8.3	4.9
F3	18	12.9	25	15.9	14.5	13.6		18.8	16.2	29.2	16.9	12.2	6.7
C3	14.5	18.3	31.7	24	7.3	4.2		19.2	20.9	32.3	17.1	6.1	4.4
P3	19.4	12.6	17.7	42.8	5.7	1.8		16.8	17.5	27.4	26.5	7.7	4.1
O1	17.2	13	13.5	42.2	6.8	7.3		12.5	14.2	18.5	17	15.7	22.1
FZ	20.7	16.5	31	16.9	10	5		19.4	18.2	34.4	15.6	9.2	3.3
CZ	20.4	19.6	28.2	22.8	5.8	3.2		17.3	20.8	35.5	17.8	6	2.6
PZ	16.3	14.4	17.2	45.5	4.9	1.7		18.5	20.8	28.1	22.9	6.8	2.9
FP2	19	13.4	18.6	15.1	17.6	16.3		26.5	16.6	27.1	15.9	8.8	5.1
F4	17.8	15.8	24.9	18.7	12.1	10.6		18.1	16.9	34.6	14.9	11.5	4.1
C4	18.5	20.1	22	28.9	6.8	3.7		15.6	18.6	37.9	17.6	7.5	2.9
P4	14.8	15.6	14.7	47.7	4.8	2.4		19.5	19.5	28.3	21.7	7.1	3.9
O2	15.8	12.7	10.9	34.9	10.6	15.1		11	10.8	14.5	17.4	16.9	29.3
F8	17.6	15.9	17.5	15.8	11.9	21.3		19.4	17.4	28.7	13.1	12.7	8.6
T4	15	12.9	13.4	11.3	22.9	24.6		16.5	12.2	22.2	12.8	19	17.3
T6	17.6	14	21.2	36.3	7.1	3.7		17.3	15.4	30.3	23.6	6.4	6.9

DRAWING								RAVENS					
LOCATION	DELTA 1	DELTA 2	THETA	ALPHA	BETA 1	BETA 2		DELTA 1	DELTA 2	THETA	ALPHA	BETA 1	BETA 2
F7	24.6	20.7	18	11.1	9.1	16.4		31.5	18.4	16.5	9.2	9.1	15.2
T3	21	22.3	19.9	10.9	11.3	14.6		14.2	9.1	9.4	7.3	21.5	38.4
T5	18	25.1	23.6	14.5	10.1	8.7		25.7	21.3	19.3	15.2	8.7	9.7
FP1	30.9	20.6	21.8	10	8.2	8.6		33.6	22.2	19.3	10.3	6.8	7.9
F3	18	23.2	26.9	14	10.1	7.8		24.1	17.9	26.6	12.4	9.6	9.4
C3	21.2	21.3	29.4	14.9	8.5	4.7		25.8	20.1	24.3	16.6	7.1	6.1
P3	27	20.3	24.6	16	7.6	4.6		26.4	26	19.8	16	7.6	4.3
O1	8.2	11	12.8	17.1	22.7	28.2		24.3	20.7	15	13.4	9.2	17.3
FZ	17.4	25.3	27.7	13.3	10.8	5.4		26	17.7	34.4	9.6	7	5.4
CZ	24.3	22.8	26.6	14.5	8.1	3.8		26.5	25.6	24.2	14.7	5.3	3.6
PZ	22.7	20.8	27.3	18.4	7.3	3.6		29.3	25.7	16.5	19.2	6	3.4
FP2	27	20.1	21.9	11.7	11.3	8		32	23.1	21.4	9.6	6.6	7.4
F4	16	19.2	27.2	15.5	13.4	8.7		26.3	17.9	30.6	9.1	8.3	7.9
C4	19.2	22.5	25.9	19.5	7.8	5.1		24	19	23.1	20.8	7.5	5.7
P4	23.6	22.8	23.6	16.2	8	5.7		33	22.5	17.6	15.6	6.4	4.9
O2	6.6	9.6	11.4	17	20.3	35		20.7	17.3	14.7	16	10	21.3
F8	12.5	13.5	21.4	14.5	12.8	25.2		26	16.1	19.7	7.4	9.2	21.5
T4	13.1	8.8	15.4	10.1	23.2	29.5		9.3	7.4	6.5	4.5	24.7	47.6
T6	13.9	19.8	24.7	16.4	12.8	12.4		29.4	16.8	20.3	17.1	8.6	7.8

STORY								CODING					
LOCATION	DELTA 1	DELTA 2	THETA	ALPHA	BETA 1	BETA 2		DELTA 1	DELTA 2	THETA	ALPHA	BETA 1	BETA 2
F7	24.8	18.1	22.1	11.6	8.9	14.5		28.6	19.2	24.2	10.1	7.9	10
T3	11.8	12.5	12.5	10.4	21.3	31.6		23.8	20.3	25.5	12.7	9.3	8.4
T5	22.9	20.5	22.1	19.6	7.3	7.5		21.9	27.6	26.1	13.1	7.4	3.8
FP1	24.3	15.9	23.8	13.4	11.4	11.3		29.6	21.7	26.6	10.1	6.1	5.8
F3	22	17.5	28.8	15	9	7.7		23	17.1	31	12.6	8.7	7.6
C3	19.4	22	28.9	18.8	6.7	4.2		18.3	21.2	33.5	16.2	6.5	4.4
P3	24.5	20.3	21.8	24.4	6.1	2.9		20.7	27.5	26.2	15.1	7.2	3.3
O1	24.3	26.8	18.8	19.4	6	4.7		13	17.7	15.3	14.2	16.8	23
FZ	22.6	23	29.5	12.9	8.3	3.8		22.2	18.4	34.4	12.8	7.6	4.6
CZ	19	24.7	29.7	17.3	6.9	2.5		22.6	22.1	28.8	17.3	6	3.1
PZ	20.8	18.5	17.8	34.4	6.2	2.3		22.9	23.5	21.2	24.3	5.3	2.8
FP2	20.8	17.9	23.7	11.5	13.4	12.7		28.6	22.1	26.7	10.1	6.5	5.9
F4	19.5	23.9	27.8	12.2	9	7.7		23.3	16.7	28.8	12.5	11.6	7.1
C4	15.6	20.3	30.3	20.6	8.2	4.9		17.9	22.7	25.4	21.4	7.8	4.6
P4	17.1	20.1	21.8	30.5	6.9	3.6		23.2	22.6	18.8	22.4	7.3	5.7
O2	17	22.9	17.4	19.9	10.6	12.3		8.3	9.4	9.4	18.7	18.4	35.8
F8	18.1	19.5	23	10.4	12.3	16.8		22.7	16.2	22.8	9.8	12.9	15.7
T4	9.1	6.1	7.3	7.1	23.3	47		24.1	18.1	27.8	10.5	9.3	10.3
T6	16.8	19.3	23.3	22.8	10	7.9		17.1	17.7	21.8	20.2	10.8	12.3

BASELINE								READING					
LOCATION	DELTA 1	DELTA 2	THETA	ALPHA	BETA 1	BETA 2		DELTA 1	DELTA 2	THETA	ALPHA	BETA 1	BETA 2
F7	16.9	24.9	20.1	14.2	12.3	11.6		25.6	20.3	28	13.7	6.8	5.6
T3	20.3	30.4	19.7	15.2	9.4	4.9		27.1	21.7	27.7	11.7	7.7	4
T5	17.6	22	24.8	24.6	7.7	3.3		24.6	18.6	22.6	20.7	6.8	6.7
FP1	23.4	28.5	21.4	10.5	8.4	7.9		32.1	20.2	25.5	13.2	5.8	3.2
F3	16.4	30.2	23.8	17.5	7.4	4.8		25.3	23.1	27.9	13.9	7.1	2.8
C3	13.6	18.8	17.1	41.2	7.5	1.8		22.9	20.1	30.5	18.3	5.8	2.4
P3	17.7	22.8	23.3	27	7.6	1.6		21.8	19.2	25.8	24.9	5.6	2.7
O1	23.6	24.9	23.5	19.7	5.5	2.8		18.8	17.1	22.9	25.7	8.1	7.5
FZ	19.6	33.5	27.7	12.6	4.8	1.8		22.7	23.5	30.4	13.9	7.1	2.4
CZ	18.9	24.2	22.1	28.6	4.6	1.5		18	20.8	26.3	27.4	5.7	1.8
PZ	19.5	24.8	23.9	25.4	5.3	1.1		21.4	21.1	24.6	26	5.1	1.7
FP2	19.7	27.7	20.7	9.1	10.4	12.4		32.4	19.4	25.9	12.3	6.3	3.7
F4	16	31.1	25.7	11.9	8.6	6.7		25.9	21.3	30.4	11.6	8.1	2.8
C4	14.3	23.9	22.2	32.6	5.9	1.1		22.1	22.4	28.9	19	6.1	1.6
P4	20.4	24.7	23.6	23.6	6.5	1.2		22.3	22.3	24.5	25.1	4.5	1.3
O2	24.5	26.5	20.9	19.7	6.1	2.3		19.7	21.4	21.8	26.2	6	4.9
F8	16.2	30.3	20.6	10.4	11.8	10.8		27.2	21.1	26.5	11.7	8.5	5
T4	17.1	30.6	21.8	18.5	8.4	3.6		21.5	25.5	25.5	15.1	9.1	3.1
T6	20.4	22.8	24.3	22.7	7.8	2.1		22.2	22.4	25.8	22.1	5.4	2.1
DRAWING								RAVENS					
LOCATION	DELTA 1	DELTA 2	THETA	ALPHA	BETA 1	BETA 2		DELTA 1	DELTA 2	THETA	ALPHA	BETA 1	BETA 2
F7	24.8	16.9	25.7	11.3	11.9	9.5		34.8	24.6	17.3	11.6	6.5	5.2
T3	21.2	21.2	28.7	15.2	9.1	4.6		24.3	25.1	30.7	11	6	2.9
T5	18.6	20.3	23.2	15.2	12.4	10.4		22	29.1	28.5	10.6	6.9	3
FP1	27	20.9	32.2	9.3	5.7	4.9		40.2	23.2	22.2	8.4	3.7	2.3
F3	22.3	18.2	33.7	11.9	9.4	4.5		24.8	27.2	29.6	10.8	5.4	2.3
C3	22.2	19.3	32.8	16.2	6.6	2.9		21.7	22.8	29.3	19.6	5	1.6
P3	21.3	23.3	28.2	16.1	7.2	3.9		22.6	25.4	30.3	13.2	6.5	2
O1	18	21.4	21.5	17.2	9.6	12.3		21.2	26.5	27.7	11.1	7.5	6
FZ	20	20.4	40.2	11.1	5.8	2.6		25.7	24.7	34.5	9.6	4.1	1.3
CZ	22.2	18.8	31	20.4	5	2.5		25	23.7	29.2	16.4	4.3	1.5
PZ	23.3	22.7	29	16.2	5.6	3.2		27.4	25.9	29	11.4	4.5	1.9
FP2	25.8	21.7	31.9	8.8	6.8	5		36.7	22.2	23.8	9	4.8	3.5
F4	21.4	20.4	33.8	10.7	7.4	6.2		28.2	28.1	27.3	9.5	4.7	2.3
C4	21.7	21.2	32.4	16.8	5.2	2.7		24.5	28.1	25.4	16.4	4.2	1.4
P4	23	23.5	30.2	13.4	6.1	3.8		29.4	26.2	28.2	10.4	3.9	1.9
O2	20.5	20.8	24.2	15	8.4	11		23.5	25	30.7	10.1	6	4.6
F8	25.5	18.4	26.4	12	9.1	8.5		32.4	29.1	18.9	9.2	6.5	3.9
T4	21.2	20.6	28.6	14.3	9.4	5.9		22.4	35.6	21.1	9.6	7.3	4
T6	19.8	22.8	26	12.4	10.1	8.9		24.9	28.7	27.6	11.3	4.8	2.7
STORY								CODING					
LOCATION	DELTA 1	DELTA 2	THETA	ALPHA	BETA 1	BETA 2		DELTA 1	DELTA 2	THETA	ALPHA	BETA 1	BETA 2
F7	13.5	31.8	28.4	19.5	5.5	1.4		27.9	23.6	23.2	12.7	7.3	5.2
T3	27.8	21.4	22.3	18.7	7.5	2.3		20.7	29.4	27.8	12.2	6.1	3.8
T5	12.2	25.3	29.3	22.2	7.8	3.1		18.9	23.3	24.7	12.9	9.1	11
FP1	32.8	26.1	23.4	8.2	5	4.6		31.5	23	27.4	10.1	4.7	3.3
F3	24.3	23.2	27.3	15.1	6.6	3.4		24.9	27.5	29.8	10.8	4.7	2.2
C3	11.1	20.1	21.7	38.1	7.3	1.7		21	32.5	29.6	11.1	4	1.9
P3	13.4	25	28.9	25.8	5.8	1.1		22.1	28.8	28.4	12	5.2	3.6
O1	21.4	29.1	24.5	17.9	4.6	2.5		18.6	20.5	22.2	14.4	10	14.4
FZ	23.8	24.8	30.1	12.8	6.7	1.9		23.4	24.7	35	10	4.9	2
CZ	13.5	31.8	28.4	19.5	5.5	1.4		21.6	29.9	29.9	13.2	3.7	1.8
PZ	13.5	28.3	28.6	24.7	4.2	0.8		24.8	28.1	27.7	12.7	4.3	2.4
FP2	31.9	22.9	24.8	7.4	7.3	5.7		35.4	19.8	27.1	8.8	5.4	3.5
F4	24.3	26	26.7	11.1	7.8	4.1		24.2	22.9	34.6	9.8	5.7	2.7
C4	15.6	22.3	28.9	26.4	5.5	1.2		23.9	26.8	29.5	13.4	4.3	2.1
P4	14.6	26.1	27.8	25.6	5	1		26.6	28.4	26.5	11.3	4.5	2.8
O2	23.1	25.1	24.7	20	4.8	2.2		21.8	23.1	23.5	12.4	8.2	11
F8	25.9	26.1	23.9	10	8.2	5.9		27.6	20.3	29.2	11.2	7	4.7
T4	18.1	26.6	26.7	16.3	9.9	2.5		27.3	23.6	25.6	11.9	7.3	4.2
T6	18.2	20.6	26.9	26.1	6.4	1.8		25.7	23.7	24.9	11.3	7.5	7
F7	29.7	25.3	23.9	10.5	5.6	5							

BASELINE								READING					
LOCATION	DELTA 1	DELTA 2	THETA	ALPHA	BETA 1	BETA 2		DELTA 1	DELTA 2	THETA	ALPHA	BETA 1	BETA 2
F7	39.5	19.6	11.9	12.3	7.5	9.2		40.6	22.2	15.4	9.7	6.5	5.5
T3	25.7	19.7	14.3	22	10	8.3		23.8	20.6	16.7	13	10.7	15.2
T5	23.5	20.1	17.7	21.1	12.3	5.4		23.4	22.9	19.1	15.7	12.4	6.5
FP1	31.4	20	12	11.5	8.7	16.4		32.2	21.1	16.1	10.8	8.6	11.2
F3	27.8	20.6	16.5	14.4	9	11.8		28	20.8	23.2	12.4	8.2	7.3
C3	25.5	21.6	19	23.4	6.8	3.7		27.3	24.1	24.1	13.8	6.9	3.9
P3	26.9	19.6	18.5	23.2	8.9	2.9		27.9	22.6	22.9	14	9	3.6
O1	25.9	21.2	15.8	20.2	10.9	5.9		21.1	16.3	23.3	19.1	10.9	9.4
FZ	34.4	22.3	18.7	14.5	5.5	4.5		28.3	23.5	24.2	12.3	7.3	4.4
CZ	24.3	24.1	20.1	22.6	5.9	2.9		28.3	25.3	22.4	14.5	6.5	3
PZ	26.5	20	14.4	30.1	6.6	2.4		29.8	21.2	23.4	14.7	8.1	2.8
FP2	30.2	18.3	11.9	10.9	12.6	16		30.3	19.5	17.1	11	10.1	12
F4	30.4	21	18.1	13.4	8.4	8.7		30	24.6	22.4	10.7	7.3	5
C4	26	21	20	23.7	6.1	3.1		30.2	25.2	21.6	13.3	6.7	3.1
P4	30.5	18.3	14.5	27.5	6.7	2.3		32.5	21.5	21.4	14	7.7	2.9
O2	30.7	19.9	14	21	9.3	5		23.7	15.4	25.9	17.6	10.2	7.2
F8	32.7	17.3	14	14.2	9.3	12.5		30.9	22	18.5	12	8.9	7.8
T4	24.8	16.3	14.1	26.5	10.3	7.9		22.7	17.7	12.9	23.2	11.8	11.8
T6	27.2	20	16.1	23.3	10.1	3.3		27.9	22.8	21.1	14.2	9.6	4.3
DRAWING								RAVENS					
LOCATION	DELTA 1	DELTA 2	THETA	ALPHA	BETA 1	BETA 2		DELTA 1	DELTA 2	THETA	ALPHA	BETA 1	BETA 2
F7	36.1	20.9	15.6	13.3	7.3	6.7		50.9	20.1	11.9	6.9	4.6	5.6
T3	23.9	20.8	14.8	19.1	9.6	11.8		34.3	16.2	11.9	13.6	9	15.1
T5	24.8	20.5	18.3	15.8	11.7	9		26	21.3	20.3	13.4	10.7	8.3
FP1	31.1	20.9	18.2	14.5	7.5	7.8		42.8	22.5	14.7	7.6	6.2	6.2
F3	26.4	22.9	20.1	15.5	7.9	7.2		41.4	19.7	17.4	8.1	6.4	7
C3	23.7	20.8	18.9	25.4	6.8	4.4		36.8	22.2	16.2	11.4	7.6	5.8
P3	29	22.1	18.5	18	7.6	4.9		33	22.9	18.7	9.3	10.3	5.8
O1	20.3	17.4	13.5	14.4	13.8	20.5		18.5	21.2	20.9	10.6	13.7	15.2
FZ	24.6	22.2	23.5	18.3	6.9	4.6		39.8	18.4	20.8	9	6.5	5.6
CZ	22.9	24	22.3	20.3	6.7	3.7		34.7	22.7	19.4	11.5	6.7	4.9
PZ	25.8	24.6	20.5	18	7.2	3.8		32.5	25.5	19.9	7.9	9.2	5
FP2	28.6	20.3	17.2	14.3	9.4	10.1		36.9	19.5	16.4	9.5	9.5	8.1
F4	23.9	21.9	21.6	17	8.6	7		32.1	18.2	21.2	10.8	9	8.7
C4	24.6	22.3	22.6	18.5	7.5	4.5		26.3	23.9	20.6	14.1	8.4	6.7
P4	27	23.9	19.9	16	8.5	4.6		28.2	23.9	21.9	11.3	9.1	5.6
O2	20.1	18.2	16.1	16.7	13.1	15.8		19.8	19.2	21.4	10.3	15	14.3
F8	30	19.2	16.7	17.3	8	8.9		41.1	22.3	14.4	8	7	7.2
T4	21.5	17.1	14.2	28.9	9.7	8.5		29.5	19.2	9.4	18.5	10.7	12.6
T6	25.5	23.8	17.7	16.3	10.1	6.6		25.9	23.3	19	11.5	12	8.3
STORY								CODING					
LOCATION	DELTA 1	DELTA 2	THETA	ALPHA	BETA 1	BETA 2		DELTA 1	DELTA 2	THETA	ALPHA	BETA 1	BETA 2
F7	40.3	23.7	12	9.8	7.3	6.9		35.1	22.4	15.4	12.1	7.2	7.8
T3	25.4	17.1	11.5	9.3	10.7	25.9		25.3	19.4	13.7	12.4	11.4	17.8
T5	28.1	22.5	15.5	17.8	11.2	4.9		23.4	19.2	18.2	16.8	13.7	8.9
FP1	32.2	17.8	12.4	10.3	10.2	17		33.5	21.9	16.5	12.3	9.3	6.5
F3	30.5	22.3	16.3	11.1	10	9.7		22.4	22.5	21.9	15.5	9.8	8
C3	32.4	22.7	19.2	14.2	7.3	4.1		21.7	22.5	21.9	20.1	8.8	5
P3	29.9	20.3	18.3	19.2	9.2	3.1		21.9	20.9	21.2	18.6	11.4	5.9
O1	27.8	22.3	15.8	18.3	10.3	5.6		19	13.8	14.9	16.1	17.8	18.5
FZ	31.7	21.9	20	12.7	7.9	5.7		30.4	24.1	20.4	12	7.7	5.4
CZ	31.2	22.6	19.5	16.9	7	3		24.2	26.3	22.8	15.7	7.2	3.9
PZ	29.3	18.6	17.9	24.1	7.8	2.3		27.3	20.8	22.2	16.3	9.4	4
FP2	29.7	15.2	13.1	10.3	14.7	17.1		36.4	24.2	15.3	9.9	7.5	6.7
F4	29.1	22.3	19.1	11.7	9.6	8.1		30.1	26.9	19.5	10.5	6.9	6
C4	31.2	21.8	19.8	16.2	7.7	3.4		24.5	27.3	23.6	13.4	7.3	4
P4	28.8	21	15.3	24.3	8.3	2.3		26.7	21.5	23.3	13.9	10.2	4.4
O2	27.9	24	14	19.1	9.9	5.1		21.8	17.3	15	13.8	17.1	14.9
F8	28.4	19.9	16.5	13.4	9.3	12.5		30.1	27.1	15.3	10.6	8.2	8.8
T4	25.6	18.2	14.2	12	14.8	15.2		19.2	21.7	13.8	23.4	11.1	10.8
T6	28.8	22.5	13.5	20.8	11.4	3.1		23.7	22.2	20.8	12.2	12.8	8.4

BASELINE								READING					
LOCATION	DELTA 1	DELTA 2	THETA	ALPHA	BETA 1	BETA 2		DELTA 1	DELTA 2	THETA	ALPHA	BETA 1	BETA 2
F7	28.5	24	16.1	18.4	8.1	4.9		29.2	28.7	19.5	9.8	7.3	5.5
T3	19.5	17.8	15.5	19.8	14.8	12.7		15.7	17.6	11.8	10.8	19.3	24.8
T5	23.2	19.5	19.3	25.7	9.2	3		21.9	25.4	20.4	12.8	10.9	8.7
FP1	28.5	21.8	17	18	8.6	6.1		27.3	29.7	22.2	10.5	6.2	4.1
F3	27.8	21.5	19.8	19.1	8.6	3.2		28.2	28.5	23.7	10.8	6.4	2.4
C3	18.1	14.9	16.2	43	5.8	1.9		27.3	25.6	26	12.7	6	2.3
P3	24.4	16.7	17	34.3	5.9	1.7		25.2	25.3	25.6	14	7	2.8
O1	28.4	17.7	17	27.1	6.9	3		18.4	21.5	28.8	17.4	6.9	7
FZ	25.4	23.6	21.1	18.9	8.3	2.7		24.6	29.4	26.1	12.7	5.2	2
CZ	20.5	21.8	21.8	27.6	6.3	1.9		24.6	22.4	29	17.1	4.9	1.9
PZ	27	16.7	17.8	32.1	5	1.5		22	25.6	28.3	16.4	5.6	2
FP2	27.3	18.7	16.3	16.5	10.1	11.1		25.3	26.4	22.7	11	7.9	6.7
F4	25.1	22.6	20.7	18.6	9.3	3.7		24.8	26.4	26.7	11.8	7.1	3.2
C4	14.4	11.8	13.6	51.9	6.4	1.9		23.6	24.3	28.1	14.3	7.2	2.5
P4	28	13.8	16.4	33.9	6.1	1.8		23	24.9	26.9	14.3	7.4	3.5
O2	29.6	15.1	17.8	26.8	6.8	3.8		19.2	20.1	22.3	15.4	10	13
F8	29	21.8	17.7	16.9	9.6	4.9		27.7	28.8	20.5	11	7.8	4.2
T4	16.4	12.7	9.5	13.3	24.8	21.3		19.2	20.1	15.5	8.5	17.9	18.9
T6	24.7	17.4	21.6	24.2	8.7	3.4		18.1	16	19.1	12	18.2	16.7
DRAWING								RAVENS					
LOCATION	DELTA 1	DELTA 2	THETA	ALPHA	BETA 1	BETA 2		DELTA 1	DELTA 2	THETA	ALPHA	BETA 1	BETA 2
F7	36.9	20.4	17.9	10.8	7.5	6.4		40.8	22.4	17.3	8.2	5.7	5.6
T3	28.6	12.2	15.4	19.7	11.8	12.3		14.8	6.7	13	6.2	29	30.3
T5	22.2	14.3	24.3	12.1	14	13		23.7	14.8	19	12.9	16.5	13.1
FP1	32.5	22.8	21.7	9.6	7.8	5.6		38.8	31	16.4	6.8	4.4	2.7
F3	32.9	18	29.9	10.9	5.1	3.1		40	19.8	23.6	10.1	4.3	2.2
C3	30.3	18.2	31.3	13.1	4.6	2.6		33.7	16.8	24.1	19.5	3.6	2.2
P3	27.7	19.8	29.6	13.5	6.1	3.3		29.5	22.2	25.8	13.8	5.9	2.8
O1	18.6	20.1	23.4	17	10.6	10.2		22.5	28.1	23.4	12.1	7.8	6.1
FZ	30	20.2	28.9	12.9	5.8	2.2		37.4	22.5	24.1	9.8	4.3	1.9
CZ	29.8	18.3	30.4	15.3	4.2	2		35.4	23.2	24.6	11.8	3	2
PZ	23.9	23.6	29.7	15.2	5.1	2.6		33.8	25.2	22.9	12.2	3.9	2.1
FP2	29.2	23.6	20.1	11	8	8.2		40.5	30.4	15.9	6.6	3.7	3
F4	33.4	18.1	26.6	12.5	5.7	3.7		36.7	26	20.6	9	5	2.7
C4	28	19.6	31.3	14.1	4.3	2.8		30.9	19.8	25.1	15.5	5.8	2.9
P4	23	23.7	27.6	15.3	5.7	4.7		31.4	25.7	21.6	11.6	6.1	3.6
O2	18.4	19.6	20.1	16	9.8	16.1		27.9	29.4	19.5	9.6	7.1	6.5
F8	32.4	22.1	21.3	14.3	6.7	3.2		39.7	28.6	15.4	8.6	4.6	3.1
T4	19.3	13.9	18.7	12.9	19.7	15.5		20.3	10.7	8	5.3	32.1	23.6
T6	17.8	11.9	11.7	11.2	25.7	21.6		21.8	14.7	10.8	8.2	19.2	25.2
STORY								CODING					
LOCATION	DELTA 1	DELTA 2	THETA	ALPHA	BETA 1	BETA 2		DELTA 1	DELTA 2	THETA	ALPHA	BETA 1	BETA 2
F7	30.2	18.4	16.8	11.9	10.9	11.9		32.1	20	15.2	12.1	10.2	10.4
T3	11.2	7.7	5.7	6.6	33	35.7		18.6	12.8	14.8	15.5	14.9	23.4
T5	17.8	14.2	28.1	18.5	15	6.4		22.3	14.8	16.9	14.2	17.3	14.4
FP1	28.3	21.4	19.8	11.2	10.8	8.5		34.1	23.3	15.4	10.7	9.5	7.1
F3	31.3	20.4	22.7	12.9	8.8	4		37.2	21.3	20.6	10.2	6.5	4.1
C3	22.7	14.9	18.9	34	7.6	2		29.7	17.2	27.7	15.3	6.2	3.8
P3	20.3	14.6	25.8	27.9	9.6	1.9		27.8	21	24.7	14.7	7.1	4.7
O1	18.6	17.6	23.8	23.2	10.6	6.3		20.8	21.2	22.2	16.1	9.9	9.7
FZ	26.7	21.3	26.4	13.2	9.7	2.8		35.9	22.2	20.9	12.7	5.7	2.7
CZ	22.2	19.4	24.8	24.7	7	1.9		33.2	22.2	21.4	15.9	4.8	2.5
PZ	19.3	16.7	28.4	26.6	7.1	1.8		31.8	23.4	19.8	16.3	4.9	3.7
FP2	24.8	19.8	18.7	11.7	10.5	14.5		32.7	22.1	12.7	12.1	10.1	10.4
F4	27.8	18.7	23.4	14.3	10.5	5.3		32.3	21.7	21.2	12.5	7.6	4.7
C4	23.8	18	20.6	27.4	7.5	2.7		33.2	22.6	23.3	13.1	5	2.9
P4	22.5	18.3	23.5	25.9	6.8	2.9		31.4	21.5	19.8	15.4	6.7	5.2
O2	19.2	15.7	18.9	23.1	10.1	12.9		19.5	16.4	19	16.2	12.7	16.1
F8	28.7	19.5	18.9	13.3	11.7	7.9		40.9	17.4	15.9	13.3	7.4	5.1
T4	12.5	8.9	6.8	7	27.3	37.4		21.9	14.2	11.7	12.2	20.7	19.3
T6	18.6	16.4	21	18.9	15	10.2		16.3	9.8	12	13.1	24.9	23.9

BASELINE								READING					
LOCATION	DELTA 1	DELTA 2	THETA	ALPHA	BETA 1	BETA 2		DELTA 1	DELTA 2	THETA	ALPHA	BETA 1	BETA 2
F7	34.1	21.9	21.3	13.1	5.8	3.9		24	23.4	34.6	10	4.6	3.4
T3	23.2	18.7	23.3	12.7	8.6	13.5		20.4	20.2	21.5	12.7	7.1	18.1
T5	35.2	22.3	16.8	13.8	7	5		18.6	13.6	26.6	10.9	14.7	15.6
FP1	31.1	19.7	20.2	10.4	9.5	9.2		16	22.7	38.4	12.1	6	4.9
F3	28.3	26	22.1	12.6	6.9	3.9		14.6	24.1	38.5	13.9	6.2	2.7
C3	28.8	26	23.6	14.2	5.2	2.2		19.7	24.3	34.8	12.7	5.5	2.9
P3	28.5	26.5	21.8	16.5	4.9	1.7		19.1	20.2	39.9	12.8	4.8	3.2
O1	35.1	23.1	19.3	13.7	5.1	3.6		12.4	9.8	42.1	12.4	9.2	14.1
FZ	29.3	25.1	26	11.4	5.6	2.6		18.9	24.8	37.5	13	4.2	1.6
CZ	31.1	30.9	20.5	12.4	3.5	1.6		20.3	22.9	37.9	13.3	4	1.7
PZ	27.1	25.5	22.4	19.3	4.2	1.5		22.5	21.8	31.9	18.1	3.8	1.8
FP2	29.3	17.2	23.7	10.1	8.9	10.9		20.8	20.1	36.9	13.6	5.3	3.3
F4	23.9	24.7	22	12.5	9.7	7.3		21.7	21.6	36.9	12.4	5.2	2.2
C4	29.4	28.6	20.9	13.7	5.3	2		25.9	23.8	28.9	13.7	5.9	1.7
P4	29.9	27.9	18.2	17.9	4.6	1.5		19.5	22.1	29.1	23.8	3.7	1.8
O2	31.6	23.4	18.1	19.9	4.7	2.4		14.9	12.7	43.6	17.5	5.2	6.1
F8	36	21.7	18.1	11.7	7	5.4		31.5	18.5	31.4	10.1	4.9	3.6
T4	29	23.2	15.8	10.8	9.8	11.3		31	15.8	20.4	16.8	8.3	7.6
T6	36.3	23.4	16.2	15.7	5.6	2.8		16.5	17.5	31.6	24.1	5.7	4.5
DRAWING								RAVENS					
LOCATION	DELTA 1	DELTA 2	THETA	ALPHA	BETA 1	BETA 2		DELTA 1	DELTA 2	THETA	ALPHA	BETA 1	BETA 2
F7	23.9	17.9	31.2	18.9	4.6	3.4		37.3	19.7	24.9	12.4	3.7	2
T3	19	19.5	21.7	28.9	7.5	3.5		22.1	19.1	32.1	14	5.3	7.3
T5	20.1	15.4	24.9	19.2	9.5	10.8		21.8	19.9	28.4	14.6	8.2	7.1
FP1	21.4	18.2	38.2	11.8	5.6	4.8		35.5	20.1	32	8.3	2.6	1.5
F3	22.4	17.6	32.2	19.4	5.8	2.6		29.6	21.2	33.9	10.6	3.2	1.6
C3	23.1	18.7	31.5	20.6	4.1	2.1		32.3	21.9	25.1	16.5	2.6	1.6
P3	22	20.6	30.1	20	4.2	3		30.6	24.3	26.3	13.9	3.2	1.8
O1	16.9	16.9	21.1	18.2	9.8	17		24.5	23.9	24.4	12.6	6.7	8
FZ	23.8	17.9	35.1	17.6	3.8	1.8		25.3	17.2	46.8	7.4	2.2	1.1
CZ	24.5	19.1	33.9	16.9	3.6	1.9		39.1	21.4	25	10.8	2.4	1.3
PZ	17.4	21.8	31	23.8	3.7	2.3		32.7	26	23.6	13.6	2.8	1.4
FP2	24	18.7	37.3	12.2	4.3	3.5		29.2	16.5	42.4	8.9	2.8	2.2
F4	26.7	17.8	28.6	19.3	4.5	3.1		30.5	19.4	32.5	10.5	4.6	2.5
C4	26.4	13.2	28.7	26.4	3.2	2		34.5	21.2	24	14.2	4	2.1
P4	19.9	19.1	25.8	29.3	3.4	2.5		33	23	24.6	13.9	3.6	1.9
O2	17.5	14.4	18.3	18.3	12.5	19		23.9	24.1	24	12.1	6.8	9.1
F8	31.7	17.6	27.7	14.6	4.7	3.6		40	17.4	27.8	8.8	4	2
T4	21.9	17.3	16.8	34.1	6.2	3.7		33.6	19.9	20.6	19.8	3.3	2.9
T6	20	13.6	23.3	28.5	7.1	7.4		31.6	20.6	24	14.2	5.7	4
STORY								CODING					
LOCATION	DELTA 1	DELTA 2	THETA	ALPHA	BETA 1	BETA 2		DELTA 1	DELTA 2	THETA	ALPHA	BETA 1	BETA 2
F7	32.2	25	25.2	9.7	4.5	3.5		32.5	20.5	28	11.8	4.2	3
T3	24.2	21.9	16.8	13.3	8.8	15		25.6	16	23.9	17.1	8.1	9.5
T5	25	21.6	19.3	17.8	7.9	8.3		25.7	14.8	24.9	11	11.5	12.2
FP1	32.2	18.8	29.6	8.6	4.9	6		27.2	19	36.7	8.8	4.5	3.8
F3	22.5	22.5	33.5	12.5	5.6	3.4		20.2	24.3	34.3	14.1	5	2.1
C3	20.7	25.5	28	17.3	5.3	3.2		25.2	22.3	30.5	15.3	4.2	2.5
P3	23	25.6	21.7	22.7	4.6	2.4		23.8	22.8	30.7	14.4	5.1	3.2
O1	27.7	26.9	19.9	16.9	4.7	3.8		21.9	20.1	22.2	11.8	9.6	14.5
FZ	24	24.7	33.7	11.4	3.9	2.3		18.2	22.3	39.9	12.7	5.2	1.7
CZ	21.4	23.1	34.5	15.2	3.6	2.2		25.2	25.4	28.4	15.1	4.2	1.7
PZ	24.4	23.6	23.8	21.9	4.6	1.8		22	25	29	17.3	4.4	2.3
FP2	31	19.3	30.3	9	4.7	5.7		23.9	19	41.7	8.8	4.1	2.4
F4	28.1	19.7	31	11.4	5.7	4		21.4	21.1	33.9	14.2	6.8	2.6
C4	23.6	30.4	24.8	14.3	4.2	2.6		26.7	22.7	26.3	17.5	4.4	2.5
P4	23	26.5	20.7	23.1	4.7	2.1		21	26.2	26.7	18.9	4.7	2.5
O2	25.9	25.2	22.7	18.7	4.6	2.9		16.6	20.6	20.3	13.5	11.5	17.7
F8	42.1	20.2	20.3	8.1	4.8	4.5		31.3	20.6	29.2	10.1	5.3	3.5
T4	31.4	22.2	14.1	9.6	8.4	14.3		30.1	17.8	17.1	22.8	7.3	4.8
T6	25.5	20.2	17.3	25.6	4.9	6.5		23	21.1	23.6	19.6	6.7	6

BASELINE								READING						
LOCATION	DELTA 1	DELTA 2	THETA	ALPHA	BETA 1	BETA 2		DELTA 1	DELTA 2	THETA	ALPHA	BETA 1	BETA 2
F7	20.9	18.9	25	15.7	11.8	7.8		21.9	24.9	22.8	12.1	10.3	8
T3	16.6	19.5	25.5	18.6	12.4	7.6		19.1	21.2	22.7	11.3	10.3	15.4
T5	17.7	20.1	26	19	11.3	5.9		17.6	20.5	23.7	13.4	13.7	11.1
FP1	22.4	21.2	26.2	12.6	10.3	7.2		22	23.8	27.3	11.8	9.9	5.2
F3	18.6	20.6	31.5	16.6	9.7	3		19.3	24.1	31.6	12.7	8.4	3.9
C3	18.3	21.7	29	20.4	8.2	2.3		20.7	23	32.2	12.8	7.5	3.7
P3	21.5	21.9	25.3	21.1	8	2.1		21.8	22.6	27.5	14.8	9	4.3
O1	21.3	20.7	26.7	16.9	9.5	4.8		18.4	25.6	23.5	13.6	10.2	8.7
FZ	19	21.2	32.2	16.1	8.9	2.6		19.1	21.4	32.4	14.5	9.1	3.5
CZ	19.9	22.5	29.2	18.3	8	2		22.6	20.1	33.1	13.7	7.3	3.2
PZ	24.8	23.1	25.1	17.8	7.4	1.8		23.1	23.7	27.7	14	8.2	3.3
FP2	24.1	22.1	26.6	13.1	9.3	4.9		22.1	21.9	29.5	11.2	10.3	4.9
F4	16.7	17.7	28.9	16.3	12.2	6.3		17.7	20.4	27.1	15.4	12.4	7
C4	19.4	23.8	28.4	16.8	8.8	2.8		20.9	21.2	25.2	19.3	9.6	3.9
P4	22.8	22.6	24.5	18.5	8.9	2.7		21.7	22.2	25.1	15.9	10.1	5
O2	24	20.7	27.5	15.7	8	4.1		16.3	21.7	20.4	14.3	11.5	15.7
F8	23	19.7	24	15.4	10.4	7.4		25.5	22.5	21.6	11.6	10.4	8.2
T4	17.5	19.4	20.6	15.4	14.3	12.8		14.8	20.1	18.2	12.2	14.8	20
T6	18.4	21.3	24.2	16.4	12.8	7		14	21.9	21.2	13	17.5	12.4
DRAWING								RAVENS						
LOCATION	DELTA 1	DELTA 2	THETA	ALPHA	BETA 1	BETA 2		DELTA 1	DELTA 2	THETA	ALPHA	BETA 1	BETA 2
F7	22.3	17.6	21.9	17.6	10.2	10.4		40.7	24.5	17.2	8.5	5.1	4
T3	16.8	18	22	15.2	13.3	14.7		28.8	23.6	16.1	13.3	8.9	9.2
T5	12.3	17.4	15.3	11.9	17.9	25.3		26.1	20.5	16.1	15.5	13.3	8.5
FP1	26.3	18.8	32.1	11.4	6.9	4.6		42.6	21.7	21.1	7.3	4.4	2.9
F3	20.4	21.7	32.5	15.4	7.2	2.9		31.8	25.3	23.6	11.8	5.2	2.2
C3	17.4	27.1	32.8	12.1	7.1	3.5		25.9	27.1	22.1	15.5	6.6	2.8
P3	15.9	26.2	29.5	11.5	11.1	5.8		26.1	25.7	21.8	15	8.3	3.1
O1	10.4	23.8	21.3	12.6	16.3	15.6		19.3	28.6	23.2	10.7	9.8	8.4
FZ	22	22.2	33.4	12.6	7	2.7		29.6	22	28.4	12.4	5.8	1.8
CZ	15.6	26.8	33.6	12.6	8.1	3.2		26.5	27.5	26.2	12.3	5.3	2.1
PZ	15	22.8	30.4	14.7	12.8	4.3		25.6	27.7	24	12.5	7.5	2.7
FP2	30.1	18.4	24.6	11.6	8.2	7		43.9	18.9	22.9	7.5	4.4	2.3
F4	19	19.7	30.8	12.8	9.7	8.1		28.5	17.5	22.8	10.7	12	8.4
C4	15	25.8	32.8	11.7	10.1	4.5		27.7	23.5	24.2	15.9	6	2.6
P4	14.8	23.1	25.1	13.6	14.6	8.8		27.6	22	27	11.6	8.7	3.1
O2	8.7	15	14.4	12.9	18.7	30.3		19.1	27.1	26.3	10	9.9	7.5
F8	25.8	23.7	20	11.1	8	11.4		34.1	23.5	17.2	10.2	8.6	6.4
T4	13.2	24.9	20.2	11.9	14.6	15.1		21.6	20.8	22.3	11.4	12.3	11.7
T6	11.8	14	11.9	10.3	26.3	25.7		25.9	22.3	18	11.5	12.7	9.5
STORY								CODING						
LOCATION	DELTA 1	DELTA 2	THETA	ALPHA	BETA 1	BETA 2		DELTA 1	DELTA 2	THETA	ALPHA	BETA 1	BETA 2
F7	27.6	25.7	15.1	12.5	11.1	7.9		31.1	21.5	21.8	10.6	9.2	5.8
T3	20.7	19.2	19.3	13.7	13.7	13.5		16.7	24.4	24.9	16.1	10.8	7.2
T5	21.6	18.4	17.3	14.9	16.5	11.3		13.6	20	19.1	10	18.7	18.6
FP1	33.3	28.3	18.7	9.3	6.4	4.1		27.3	23.5	25	11.3	9.6	3.4
F3	21.3	25.2	28.3	13.4	8.6	3.3		20.8	22.9	32.1	12.2	8.9	3
C3	19.8	21.6	27.4	18.9	9.3	3		18.3	26.1	31.2	13	8.2	3.1
P3	24.1	21.2	23.3	18.4	10.3	2.8		22.2	29.1	25	11.5	7.7	4.6
O1	22.3	20.7	21.5	15.2	13	7.3		12.1	28	19.1	13	13.3	14.5
FZ	20.6	22.5	30.1	14.5	9.6	2.6		19.5	21.8	34.2	13.3	8.5	2.7
CZ	23.4	19.3	26	20.4	8.6	2.3		17.3	27.2	28.7	16.2	6.9	3.7
PZ	24	19.4	25.8	19.8	9.2	1.9		21.1	28.8	22.2	15	8.8	4.1
FP2	33.6	25.1	19.8	10.4	7.1	4.1		24.5	24.5	24.9	11.9	9.7	4.5
F4	19.8	16.8	22.4	14.5	15.6	10.8		20.5	22	27.4	13.2	10.9	6
C4	22.1	19.9	22.1	22.7	10.5	2.7		17.5	25.5	27.3	15.3	9.3	5.1
P4	24.8	17.9	23.1	20.6	10.6	3		17.2	27.5	23.6	14.5	10	7.1
O2	20.4	16.6	21	16.8	12.1	13.1		8.3	18.2	13.7	16.8	16	27.1
F8	30.1	19	19.1	13.8	9.7	8.2		25.5	20	24	12.6	9.2	8.6
T4	19.9	16	13.9	11.6	20	18.6		17.2	15.2	24.1	15.8	14.4	13.3
T6	17	19	18	18.2	16.8	11.1		12.2	18	14.2	10.1	19.7	25.8

VITA

Michie Odle Swartwood was born in Jackson, Tennessee in 1965. She graduated with a Bachelor of Science degree from Tennesseee Technological University in 1987, with a major in Psychology and a minor in Biology. She married Jeffery Swartwood in 1992; they have one child, Schuyler Brinton Swartwood, born March 31, 1994.

Michie is presently preparing for a post-doctoral fellowship at the Kennedy Krieger Institute, the Division of Child Development for the Department of Pediatrics of the Johns Hopkins University School of Medicine.