

The Pro Attitude and its Relationship to Psi in a Psychophysiological Study involving the *I Ching* and the *ProComp+* Neuro-Biofeedback Apparatus

Results:

This study with the I Ching is the fourth in a series (N = 200). There are 64 readings corresponding to so-called “hexagrams”, and the P is asked to select 16 hexagram descriptor-pairs that match the statement “Lately, or right now, I feel . . .” The P then throws three coins six times to produce an outcome hexagram. If this outcome matches one of the 16 pre-selections, then the P makes a hit. A previous finding was replicated although it only approached significance. Exploratory analyses revealed no reliably significant correlations with the three psychopractic measures (i.e., 1st-hexagram hitting, 2nd-hexagram hitting, and changing lines), but there were a number of additional psychological correlates of transliminality.

Ps from the above study (n = 8) took part in an experiment using the ProComp+ neuro-feedback apparatus. Feedback on computer was given during normal and paranormal tasks switched at irregular intervals. During normal modes, Ps were required to keep EEG alpha rhythm above threshold, and/or integrated EMG amplitude below threshold, in order to elicit positive feedback. During paranormal modes, a single frame from the animation was presented, which did not change regardless of alpha and/or EMG amplitudes. It was hypothesized that (i) video anomalies occur during paranormal modes, and (ii) EEG alpha amplitude is higher, and/or integrated EMG amplitude is lower during paranormal modes. Previous meditation and biofeedback experience had no effect on EEG alpha amplitude or EMG. Some participants showed evidence of waveform training. Transliminality correlated with alpha and EMG in the hypothesized directions, but only approached significance in the Transliminality/alpha correlation.

Published work:

Storm, L., & Burns, N. R. (2007). Pro attitude and macro-PK: A pilot study using neuro-feedback and EMG biofeedback. *Australian Journal of Parapsychology*, 7, 112-133.

Thalbourne, M. A., & Storm, L. (in press). A further study of psychopraxia using the I Ching. *International Journal of Parapsychology*.

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