

Psi-Performance in the Digital Real-Time Ganzfeld

Results:

Two studies have carried out to validate the use of the digital ganzfeld using recordings of the mentation report in *real-time* with the film clips. The technique also makes use of bookmarks in order to evaluate correspondences between the content of the mentation of that of the film. Recording impressive hits as bookmarks using the visual basic program enables these to be evaluated by an external judge. Two target film clips along with their sets were randomly chosen from the digitalised film library contained in the computer hard disc.

The first study involved 64 double session trials (N=128). All the sessions were evaluated by an external judge obtaining first rank hits close to the 25% chance expectancy. Half the sessions were also judged by the receiver giving a 14% direct hits ($p = .05$, two-tailed). Using only the bookmarks, the external judge raised his hit rate from 25% to the 33%. Comparing the receiver's judgements with the external judge's showed the external judgments to be significantly higher ($p < .05$). When judge and receiver disagreed on which was the target film, the external judge was more likely to be correct ($\text{Chi}^2 4.51, p = .03$). Receivers who brought a friend to serve in the role of sender (N=22) gave a 46% hit rate ($p = .03$). Senders rated the affect of the film target significantly higher for hits than for misses.

The second study carried 37 double session trials (N=74) and obtained a first rank hit frequency of 32.4% and a small-medium effect size: 0.17 ($z = 1.48, p = .09$). The trials with one session per day (N=38) gave a 45% hit frequency ($p < .05$) while those with two sessions (N= 36) gave a 19% hit rate. The difference in hit rate between one versus maximum two sessions per day was also significant ($p .05$).

Published work:

Parker, A. (2003) We ask does Psi exist? But is this right question and do we really want an answer anyway? *Journal of Consciousness Studies*, in press.

Parker, A. (2003) Psi and Altered States, Chapter 10 in: *Parapsychology in the 21st Century* Edit.s Lance Storm and Michael Thalbourne. MacFarland.

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Goulding, A., Westerlund, J., Parker, A., & Wackermann, J. (2003) A study using real time digital autoganzfeld. To be submitted to the Journal of Parapsychology

Wright, T. & Parker, A. (2003) Improving psi performance with the digital ganzfeld. International conference of the Society for Psychical Research, Manchester, England,

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