

## Mind-matter entanglement correlation

### **ABSTRACT:**

#### **Background**

This work is a conceptual replication of a so-called matrix experiment, an experimental paradigm proposed by Walter von Lucadou. The work also comprises a conceptual replication of a correlation-type experiment performed by Jolij and Bierman (2019).

#### **Aims**

To test replicability of the correlation matrix experimental paradigm for two different experiments.

#### **Method**

200 participants were exposed to a pk-experiment, with the psi-task to ‘influence’ the outcome of a binary random process while feedback was visualised. The main analyses were performed following a strict blind analysis protocol, correlating psychological variables to physical ones and analysing the resulting correlation factors for potentially anomalous correlations. Two different types of random data were used to split results as a secondary analysis.

#### **Results**

The main experiment (a conceptual replication of a correlation matrix experiment) yielded no evidence of anomalous correlations in the pre-defined blind analysis. Marginal evidence of  $p=0.064$  for the result (or extremem ones) to occur under a null hypothesis was found for the second experiment, correlating questionnaires to the result of the main psi task. In a post-hoc analysis also marginal evidence for a surplus of hits of the participants was found for the main psi task ( $p=0.064$ , same number as above, but independent result).

No differences between the two types of random data were observed.

#### **Conclusions**

The replication of the matrix experiment was not successful in terms of searching for anomalous connectivity and correlations between psychological and physical variables.

A similar experiment was marginal successful. Overall the outcomes and observations seem odd enough to not be dismissed as pure chance altogether. But the observations also make clear how intricate psi experiments can be and the ‘Trickster’ qualities of these observations (as e.g. investigated by Hansen) should be more carefully be observed in work of this kind, while observing strict methodology at the same time.

#### **Keywords**

Mind-matter interaction, Matrix experiment, PK experiment

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