Neuronal dynamics in monkey prefrontal cortex during visual short-term memory: II. Transient synchrony patterns of higher complexity reflect coding relevant epochs.

**Introduction**

The 'Unitary Events' (UE) analysis method [1,2,3,4] is used to detect the occurrence of coincidences of neuronal spikes. To Investigate performance effects based on Joint-Spike events we analyzed the data on differences in the central tendency of the normalized synchrony between trials with correct and incorrect performance. The storage process at different times, a mechanism is required that organizes neuronal cooperate. One candidate mechanism for operating in widespread cortical circuits is precisely synchronized spike discharge [5,6,7] (PSSD).

**Hypothesis:** Single Cell Rate Code

To counteract the poor statistic per pattern based on only a few occurrences per

**Methods**

To investigate further more the impact of changing rates, which might change the tendency of the normalized synchrony between trials with correct and incorrect performance, we analyzed the data on differences in the central tendency of the normalized synchrony between trials with correct and incorrect performance. The storage process at different times, a mechanism is required that organizes neuronal cooperate. One candidate mechanism for operating in widespread cortical circuits is precisely synchronized spike discharge [5,6,7] (PSSD).

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**Results**

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**Conclusions**

To investigate further more the impact of changing rates, which might change the tendency of the normalized synchrony between trials with correct and incorrect performance, we analyzed the data on differences in the central tendency of the normalized synchrony between trials with correct and incorrect performance. The storage process at different times, a mechanism is required that organizes neuronal cooperate. One candidate mechanism for operating in widespread cortical circuits is precisely synchronized spike discharge [5,6,7] (PSSD).

**References**


This Study has been supported by the VW-Foundation