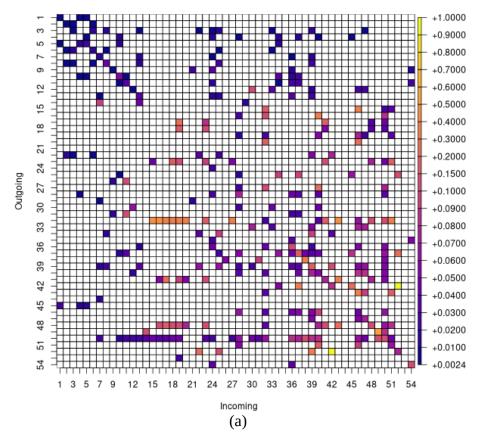
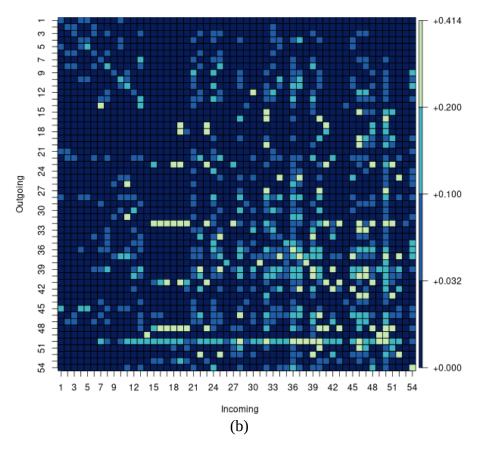
## **Block Probability Matrix**



## Standard Deviation



**Figure S5. (a)** The estimated block connectivity probabilities (b) Standard deviation of the synaptic connection probabilities in the corresponding blocks of adjacency matrix  $A_p$ .