

Supplementary figure 1. Precision of the estimates of the cortical spread of the LFP.

A: The mean value and standard deviation of the estimated value of the cortical spread of the LFP (blue squares and bars), when the visual spread for MUA is 400 μm . On top of the blue markers, the true values of cortical spread for LFP at 50, 100, 150, 200, 250, 300 and 350 μm were plotted as red diamonds. B, C and D are plotted in the same way as A, but the visual spread for MUA is 500, 600 and 700 μm in B, C and D respectively.