

**Figure S27.** Stimulation effects derived from event-related average response amplitudes, LIPd sites. For each ROI, the mean stimulation effect calculated as difference between stimulation and no stimulation response amplitudes (gray bar) and task condition-specific stimulation effects (green, red and blue bars) are shown together with the results of two-way ANOVA across trials (asterisk –significant effect of stimulation, filled circle –significant effect of task, cross –significant interaction, p<0.05).