(Working Title) Appendix: Task Switching Replication Cognitive Control under varying Posture

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Abstract

Appendix of all figures, tables and materials generated by the project. Not all figures and tables may be used in final document, so can refer to this document for details of data analysis, visualizations, summary tables and other products of this project.

Appendix

Tables

Figures

Table 1: Summary of experiment participants results

	part	cond	trials	accuracy	std	rt	std
date							
2021-11-02 11:01:00	1000	1	384	0.8255	0.3800	0.7640	0.2459
2021-11-02 13:32:00	1000	1	384	0.9141	0.2806	0.6163	0.2398
2021-11-02 14:18:00	1000	1	384	0.7682	0.4225	0.7196	0.2628
2021-11-02 15:13:00	1000	1	192	0.8281	0.3783	0.6838	0.2700
2021-11-02 15:32:00	1000	9	192	0.9271	0.2607	0.7311	0.2117
2021-11-02 16:20:00	1000	2	52	0.2500	0.4372	0.8816	0.2415

Table 2: Means and standard deviations of reaction times (in ms) as a function of posture and condition

			rt	std
posture	congruantTrialType	switchTrialType		
sitting	congruant	noswitch	0.6017	0.2057
		switch	0.7413	0.2440
	incongruant	noswitch	0.6766	0.2458
		switch	0.7298	0.2472
standing	congruant	noswitch	0.6376	0.2424
		switch	0.8043	0.2521
	incongruant	noswitch	0.6786	0.2645
		switch	0.7719	0.2658

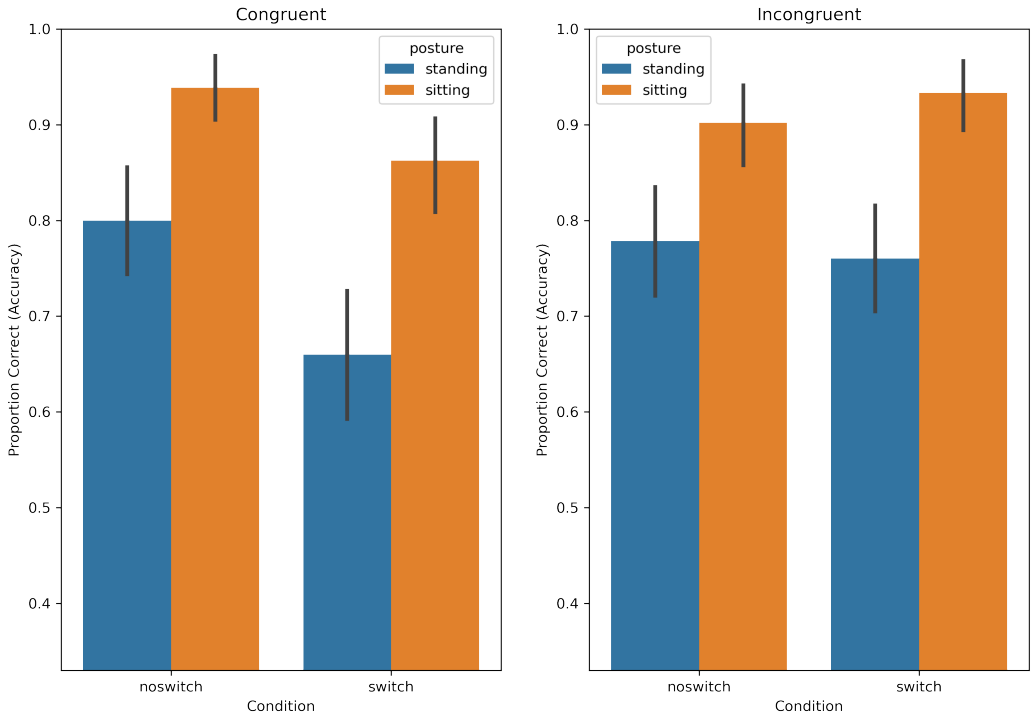

Figure 1: Accuracy from Experiment (replication of task switching). The results show proportion of correct responses (or accuracy) broken down by experiment conditions (congruent vs. incongruent trials, switch vs. no switch trials, in the standing or sitting posture). Error bars represent 95% confidence interval.

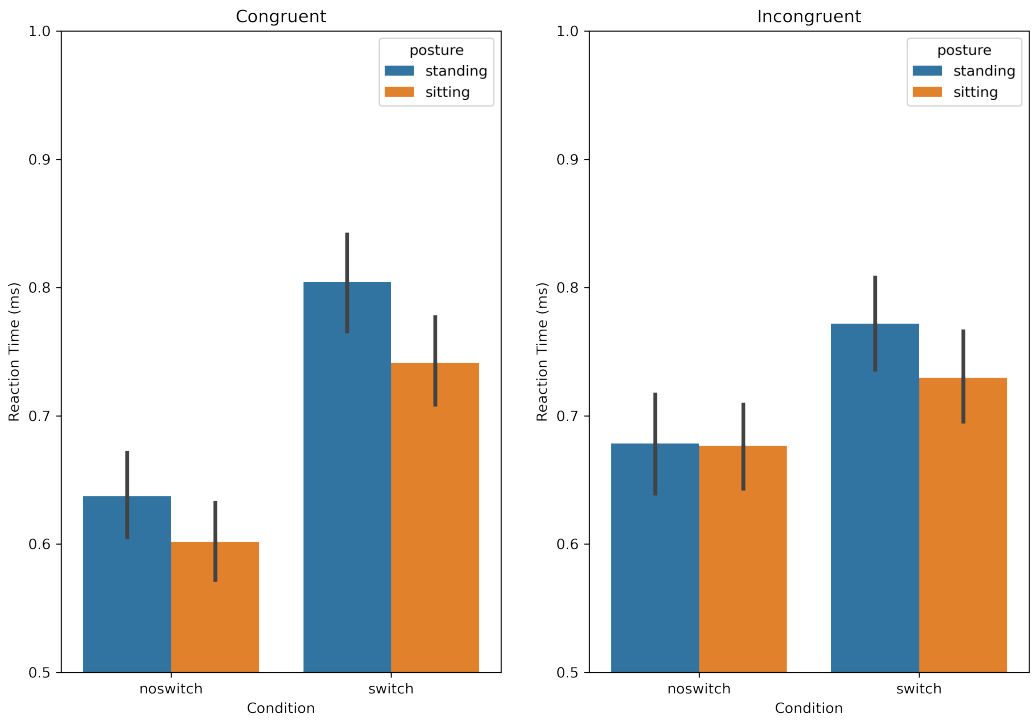

Figure 2: Reaction time from Experiment (replication of task switching). The results show average reaction times broken down by experiment conditions (congruent vs. incongruent, switch vs. no switch trials, in the standing or sitting posture). Error bars represent 95% confidence interval.