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

Authors
Texas A&M University - Commerce

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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							
2021-11-04 14:46:00	8000	2	384	0.8151	0.3887	0.7431	0.2794
2021-11-04 15:31:00	8001	10	384	0.9375	0.2424	0.6804	0.2140
2021-11-04 15:59:00	8002	3	384	0.9479	0.2225	0.5421	0.2037

Table 2: Means and standard deviations of accuracy and reaction times (in ms) as a function of posture and experiment trial types.

			accuracy	std	rt	std
posture	congruantTrialType	switchTrialType				
sitting	congruant	noswitch	0.9481	0.2226	0.6040	0.2300
		switch	0.9020	0.2983	0.7312	0.2791
	incongruant	noswitch	0.9477	0.2233	0.6065	0.2464
		switch	0.8667	0.3412	0.6748	0.2514
standing	congruant	noswitch	0.9441	0.2306	0.5602	0.2016
		switch	0.8345	0.3729	0.6985	0.2324
	incongruant	noswitch	0.8621	0.3460	0.6723	0.2603
		switch	0.8951	0.3075	0.6845	0.2362

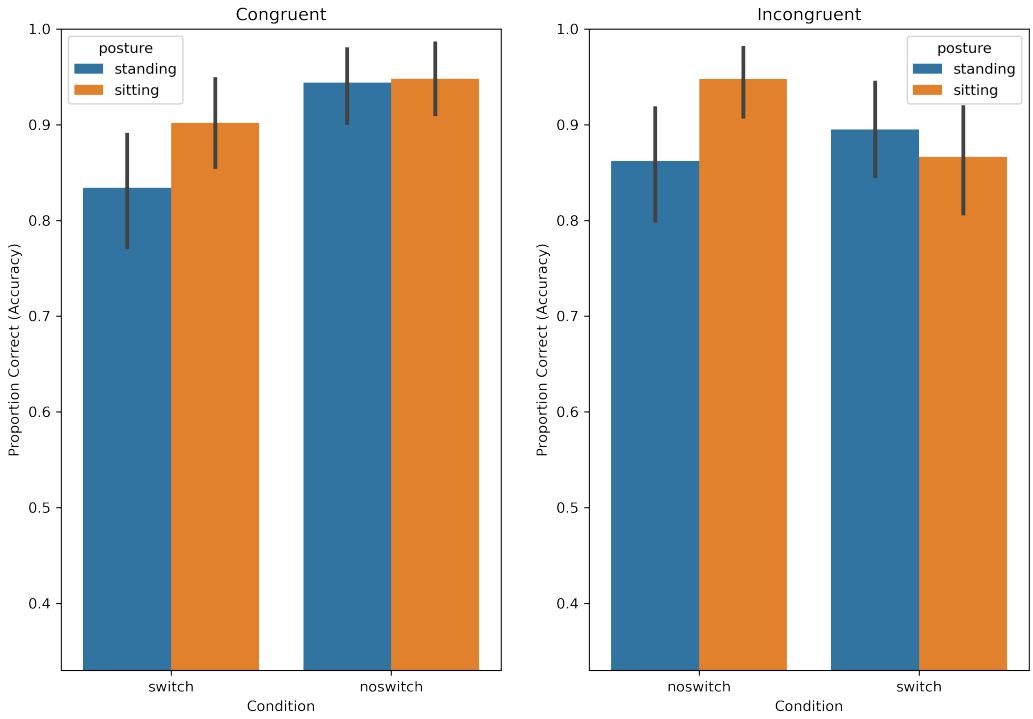

Figure 1: Accuracy from Experiment (replication of task switching). The results show proportion of correct responses (or accuracy) broken down by experiment conditions (congruent vs. incongruent trials, switch vs. no switch trials, in the standing or sitting posture). Error bars represent 95% confidence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

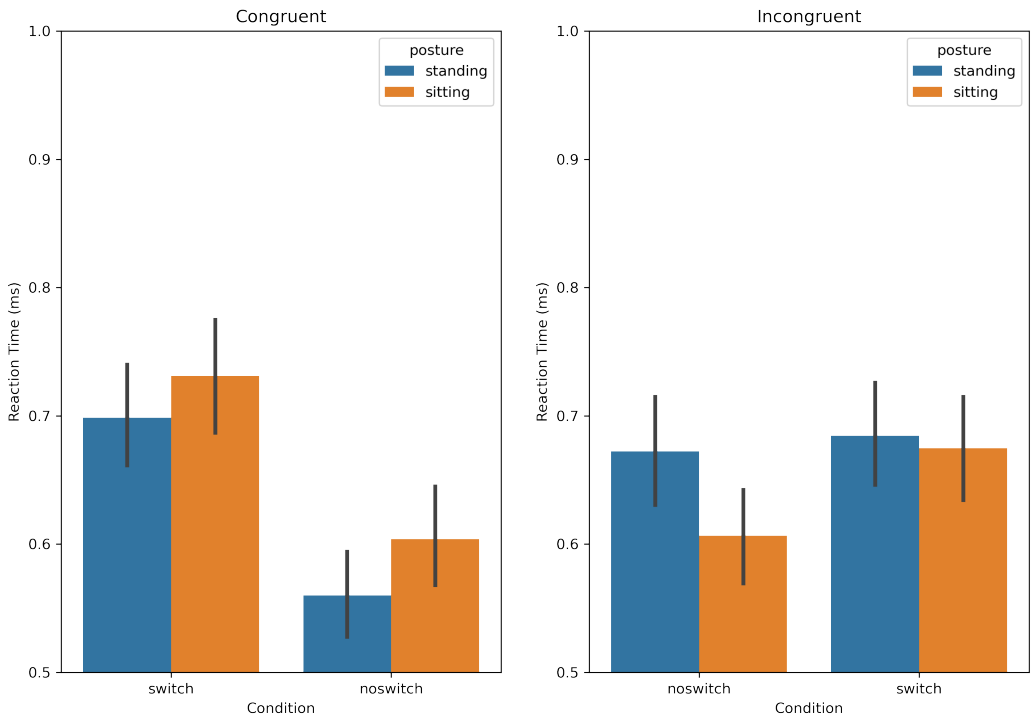

Figure 2: Reaction time from Experiment (replication of task switching). The results show average reaction times broken down by experiment conditions (congruent vs. incongruent, switch vs. no switch trials, in the standing or sitting posture). Error bars represent 95% confidence interval.