(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

Some text here.

Figures

Table 1: Summary of experiment participants results. Number of samples, and the average head and torso displacement during experiment are shown.

part	date	samples	head	torso
1	2021-11-10 10:21	47313	2.9716	3.7108
2	2021-11-10 11:15	56914	1.5779	3.9911
3	2021-11-10 12:20	45214	2.3325	3.5064
4	2021-11-10 13:18	43433	8.3482	10.8110
5	2021-11-10 14:22	43511	2.1401	2.8497
6	2021-11-10 15:12	35283	1.9824	3.5356
7	2021-11-11 15:07	46522	2.5832	2.6806
8	2021-11-11 16:36	75436	3.7156	4.4358
9	2021-11-12 10:09	51769	2.9460	3.6241
10	2021-11-12 11:10	46269	2.3017	2.6263
11	2021-11-12 12:35	41928	2.3433	2.1368
12	2021-11-12 13:50	43413	2.8110	3.4173

Table 2: Fit of logistic regression model with response (correct or incorrect) as the dependent variable, and average torso joint movement leading up to the response as the independent variable.

Dep. Variable:	correctValue	No. Observations:	4578
Model:	Logit	Df Residuals:	4576
Method:	MLE	Df Model:	1
Date:	Sat, 13 Nov 2021	Pseudo R-squ.:	2.612e-06
Time:	14:53:53	Log-Likelihood:	-1636.7
converged:	True	LL-Null:	-1636.7

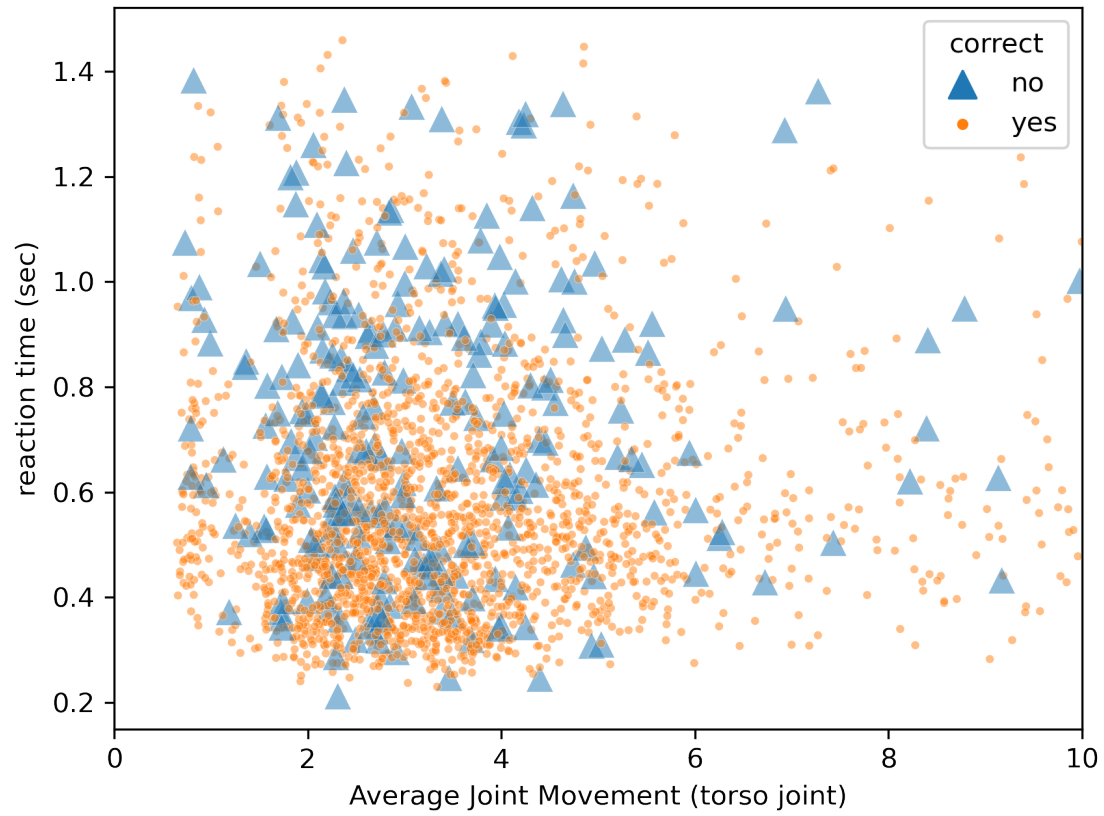|	coef	std err	z	P> |z|	[0.025	0.975]
const	2.0426	0.073	27.926	0.000	1.899	2.186
jointTorsoDisplacement	-0.0014	0.016	-0.093	0.926	-0.032	0.029

Figure 1: Reaction time of participants plotted as a function of average joint movement (displacement) captured from Kinect tracking sensor. Correct and incorrect responses are indicated by marker color and shape.
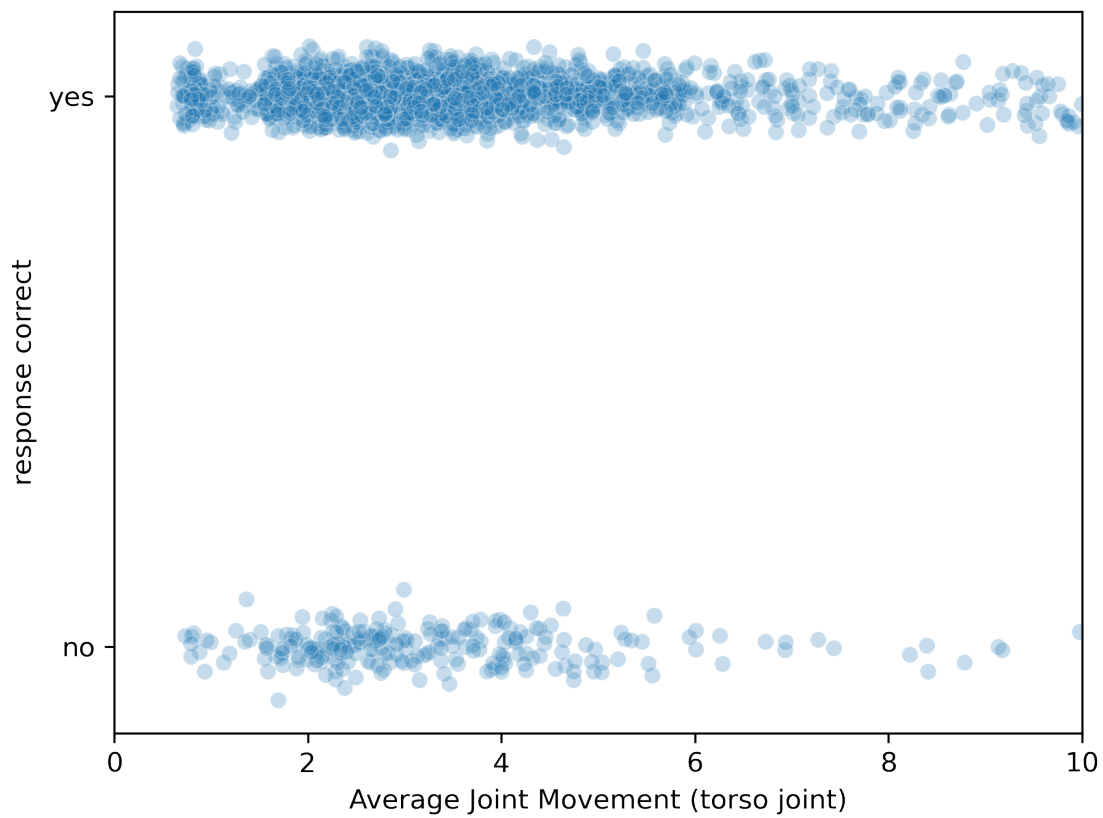
Figure 2: Response (correct or incorrect) as a function of average joint movement (displacement) captured from Kinect tracking sensor.