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Appendix

Appendix. Table 1. Scheffe post-hoc tests for significance of differences between the three tasks, for three estimated distances and participants' rotation.

Table 2. Scheffe post-hoc tests for significance of differences between participants' rotation and without rotation, for three estimated distances and three tasks.

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Table 1

Scheffe post-hoc tests for significance of differences between the three tasks, for three estimated distances and participants' rotation

Participant rotation	Stimuli distance	(I) Task type	(J) Task type	Mean Difference (I-J)	Std. Error	p
after rotation	20cm	Motor reproduction	Guidance	-3.000	1.186	0.057
			Verbal estimation	3.909*	1.342	0.025
		Guidance	Verbal estimation	6.909*	1.306	0.000
	40cm	Motor reproduction	Guidance	-6.864*	1.144	0.000
			Verbal estimation	1.409	1.661	0.790
		Guidance	Verbal estimation	8.273*	1.411	0.000
	60cm	Motor reproduction	Guidance	-5.955	2.563	0.088
			Verbal estimation	3.409	2.343	0.408
		Guidance	Verbal estimation	9.364*	3.395	0.035
without rotation	20cm	Motor reproduction	Guidance	-3.636*	1.092	0.010
			Verbal estimation	4.045*	0.927	0.001
		Guidance	Verbal estimation	7.682*	1.273	0.000
	40cm	Motor reproduction	Guidance	-4.500*	1.237	0.005
			Verbal estimation	7.136*	1.616	0.001
		Guidance	Verbal estimation	11.636*	2.168	0.000
	60cm	Motor reproduction	Guidance	-6.864*	1.080	0.000
			Verbal estimation	10.136*	2.331	0.001
		Guidance	Verbal estimation	17.000*	2.292	0.000

Table 2

Scheffe post-hoc tests for significance of differences between participants' rotation and without rotation, for three estimated distances and three tasks

Task type	Stimuli distance	(I) Participant rotation	(J) Participant rotation	Mean Difference (I-J)	Std. Error	p
Motor reproduction task	20cm	after rotation	without rotation	0.591	0.761	0.446
	40cm	after rotation	without rotation	-3.273	1.605	0.054
	60cm	after rotation	without rotation	-1.682	1.382	0.237
Guidance task	20cm	after rotation	without rotation	-0.045	0.673	0.947
	40cm	after rotation	without rotation	-0.909	1.517	0.556
	60cm	after rotation	without rotation	-2.591	1.603	0.121
Verbal estimation task	20cm	after rotation	without rotation	0.727	0.974	0.464
	40cm	after rotation	without rotation	2.455	2.104	0.256
	60cm	after rotation	without rotation	5.045	2.966	0.104