

Repeated Measures ANOVA

Within Subjects Effects

	Sum of Squares	df	Mean Square	F	p
Congruency	576822	1	576822	342.45	< .001
Residual	82535	49	1684		
Posture	32303	1	32303	7.33	0.009
Residual	215948	49	4407		
Congruency * Posture	6560	1	6560	8.96	0.004
Residual	35859	49	732		

Note. Type 3 Sums of Squares

Between Subjects Effects

	Sum of Squares	df	Mean Square	F	p
Residual	2.25e+6	49	45933		

Note. Type 3 Sums of Squares

Post Hoc Tests

Post Hoc Comparisons - Congruency

Comparison							
Congruency	Congruency	Mean Difference	SE	df	t	ptukey	
Congruent	- Incongruent	-107	5.80	49.0	-18.5	< .001	

Post Hoc Comparisons - Posture

Comparison							
Posture	Posture	Mean Difference	SE	df	t	ptukey	
Sit	- Stand	25.4	9.39	49.0	2.71	0.009	

Post Hoc Comparisons - Congruency * Posture

Comparison									
Congruency	Posture	Congruency	Posture	Mean Difference	SE	df	t	ptukey	
Congruent	Sit	- Congruent	Stand	14.0	10.14	64.8	1.38	0.518	
		- Incongruent	Sit	-118.9	6.95	84.8	-17.10	< .001	
		- Incongruent	Stand	-82.0	11.04	81.7	-7.43	< .001	
	Stand	- Incongruent	Sit	-132.8	11.04	81.7	-12.03	< .001	
		- Incongruent	Stand	-96.0	6.95	84.8	-13.80	< .001	
Incongruent	Sit	- Incongruent	Stand	36.9	10.14	64.8	3.64	0.003	

