ANOVA

ANOVA

	Sum of Squares	df	Mean Square	F	p
posture	32303	1	32303	2.449	0.119
congruency	576822	1	576822	43.734	< .001
posture ✳ congruency	6560	1	6560	0.497	0.481
Residuals	2.59e+6	196	13189		

Post Hoc Tests

Post Hoc Comparisons - posture

Comparison						
posture	posture	Mean Difference	SE	df	t	ptukey
stand	– sit	-25.4	16.2	196	-1.57	0.119

Post Hoc Comparisons - congruency

Comparison						
congruency	congruency	Mean Difference	SE	df	t	ptukey
congruent	– incongruent	-107	16.2	196	-6.61	< .001

Post Hoc Comparisons - posture ✳ congruency

Comparison								
posture	congruency		posture	congruency	Mean Difference	SE	df	t	ptukey
stand	congruent	–	stand	incongruent	-96.0	23.0	196	-4.178	< .001
		–	sit	congruent	-14.0	23.0	196	-0.608	0.929
		–	sit	incongruent	-132.8	23.0	196	-5.783	< .001
	incongruent	–	sit	congruent	82.0	23.0	196	3.570	0.003
		–	sit	incongruent	-36.9	23.0	196	-1.605	0.378
sit	congruent	–	sit	incongruent	-118.9	23.0	196	-5.175	< .001