

# Results

## ANOVA

ANOVA – RespTARGET.RT[Trial]

Cases	Sum of Squares	df	Mean Square	F	p	η²
SOA[Trial]	1.158e +6	1	1.158e +6	96.551	< .001	0.007
CueDur_SL	3.341e +6	1	3.341e +6	278.662	< .001	0.020
RespExpTask1.CRESP[Trial]	1748.937	1	1748.937	0.146	0.703	1.032e –5
Subject	4.974e +7	15	3.316e +6	276.539	< .001	0.293
SOA[Trial] * CueDur_SL	223935.058	1	223935.058	18.675	< .001	0.001
SOA[Trial] * RespExpTask1.CRESP[Trial]	408.743	1	408.743	0.034	0.854	2.411e –6
SOA[Trial] * Subject	253737.213	15	16915.814	1.411	0.132	0.001
CueDur_SL * RespExpTask1.CRESP[Trial]	471.423	1	471.423	0.039	0.843	2.781e –6
CueDur_SL * Subject	658648.426	15	43909.895	3.662	< .001	0.004
RespExpTask1.CRESP[Trial] * Subject	7.185e +6	15	478977.404	39.945	< .001	0.042
SOA[Trial] * CueDur_SL * RespExpTask1.CRESP[Trial]	83.361	1	83.361	0.007	0.934	4.917e –7
SOA[Trial] * CueDur_SL * Subject	333691.917	15	22246.128	1.855	0.023	0.002
SOA[Trial] * RespExpTask1.CRESP[Trial] * Subject	163076.738	15	10871.783	0.907	0.556	9.620e –4
CueDur_SL * RespExpTask1.CRESP[Trial] * Subject	131351.333	15	8756.756	0.730	0.756	7.748e –4
SOA[Trial] * CueDur_SL * RespExpTask1.CRESP[Trial] * Subject	245298.070	15	16353.205	1.364	0.155	0.001
Residuals	1.061e +8	8847	11990.973			

Note. Type III Sum of Squares

## Descriptives

SOA[Trial]	CueDur_SL	RespExpTask1.CRESP[Trial]	Subject	Mean	SD	N
0	LONG	m	1	588.458	109.591	72
			17	573.875	96.453	72
			2	414.400	67.525	70
			20	513.097	88.780	72
			21	351.486	62.836	72
			23	429.542	71.968	72
			24	606.694	140.250	72
			25	618.803	117.247	71
			29	468.129	78.125	70
			3	530.279	120.376	68
			31	476.818	131.792	66
			4	543.042	71.572	72
			5	565.915	107.087	71
			6	533.125	107.818	72
			7	458.282	53.237	71
			9	599.592	79.058	71
		z	1	601.623	112.876	69
			17	647.028	113.760	71
			2	475.648	64.274	71
			20	510.127	97.748	71
			21	355.861	62.073	72
			23	427.884	75.163	69
			24	390.347	287.463	72
			25	641.449	116.891	69
			29	462.957	71.647	70
			3	518.357	150.491	70
			31	472.944	114.912	71
			4	554.181	82.568	72
			5	582.528	73.622	72
			6	520.706	92.686	68
			7	473.629	65.044	70
			9	604.887	90.669	71
	SHORT	m	1	661.928	106.877	69
			17	598.529	103.103	70
			2	485.319	78.384	72
			20	542.700	85.031	70
			21	380.127	54.160	71
			23	434.571	84.570	70
			24	659.722	155.093	72
			25	655.042	114.489	71
			29	479.309	78.273	68
			3	512.268	150.878	71
			31	494.612	122.398	67
			4	556.486	70.573	72
			5	561.087	90.621	69
			6	565.100	96.158	70
			7	501.085	61.098	71
		z	9	630.958	88.899	71
			1	627.258	129.734	66
			17	648.364	115.543	66
			2	502.929	69.102	70
			20	517.329	83.691	70
			21	391.643	65.243	70
			23	398.853	49.216	68
			24	496.775	299.833	71
			25	655.857	109.337	70
			29	489.957	75.862	70
			3	555.250	153.427	72
			31	487.329	121.384	70
			4	584.592	91.881	71
			5	592.147	104.364	68
			6	574.507	106.681	69
			7	531.014	69.722	69
			9	654.500	90.255	72
100	LONG	m	1	606.329	127.390	70
			17	578.437	82.368	71
			2	451.681	63.313	72
			20	504.803	72.195	71
			21	369.069	60.871	72
			23	434.085	88.011	71
			24	624.194	150.096	72
			25	618.435	98.804	69

SOA[Trial]	CueDur_SL	RespExpTask1.CRESP[Trial]	Subject	Mean	SD	N
			29	468.042	67.642	72
			3	511.986	138.300	72
			31	487.471	109.348	68
			4	570.386	71.872	70
			5	579.471	106.930	70
			6	536.493	92.639	71
			7	492.847	62.463	72
			9	631.551	84.591	69
	z		1	618.838	108.754	68
			17	656.348	110.980	69
			2	484.944	64.900	72
			20	512.431	76.714	72
			21	373.761	63.061	71
			23	430.015	77.365	68
			24	420.444	294.268	72
			25	619.643	86.099	70
			29	459.366	72.199	71
			3	524.423	152.279	71
			31	500.059	150.462	68
			4	579.286	69.052	70
			5	572.265	63.668	68
			6	557.609	90.686	69
			7	510.143	51.583	70
			9	634.155	89.127	71
SHORT	m		1	674.278	159.067	72
			17	619.761	113.781	67
			2	538.743	69.849	70
			20	560.831	83.121	71
			21	417.588	61.454	68
			23	441.186	89.024	70
			24	677.549	109.331	71
			25	669.059	104.229	68
			29	509.764	68.157	72
			3	587.653	139.586	72
			31	524.657	124.198	70
			4	609.507	74.136	69
			5	622.343	117.898	70
			6	594.417	81.872	72
			7	536.943	65.687	70
			9	654.246	88.322	69
	z		1	724.169	134.190	71
			17	703.971	116.432	68
			2	560.750	64.583	68
			20	552.441	92.841	68
			21	414.091	56.018	66
			23	433.729	63.684	70
			24	438.014	318.090	72
			25	698.343	92.052	67
			29	511.456	70.001	68
			3	590.929	132.928	70
			31	505.972	111.016	72
			4	610.731	74.640	67
			5	638.188	85.866	69
			6	600.186	101.126	70
			7	569.362	63.352	69
			9	683.145	83.163	69

# ANCOVA

ANCOVA – RespTARGET.RT[Trial]

Cases	Sum of Squares	df	Mean Square	F	p	$\eta^2$
CueDur_SL	3.384e +6	1	3.384e +6	184.083	< .001	0.020
RespExpTask1.CRESP[Trial]	3421.242	1	3421.242	0.186	0.666	2.017e –5
SOA[Trial]	1.128e +6	1	1.128e +6	61.344	< .001	0.007
CueDur_SL * RespExpTask1.CRESP[Trial]	327.833	1	327.833	0.018	0.894	1.933e –6
CueDur_SL * SOA[Trial]	235946.609	1	235946.609	12.835	< .001	0.001
RespExpTask1.CRESP[Trial] * SOA[Trial]	886.021	1	886.021	0.048	0.826	5.225e –6
CueDur_SL * RespExpTask1.CRESP[Trial] * SOA[Trial]	215.423	1	215.423	0.012	0.914	1.270e –6
Residuals	1.648e +8	8967	18382.580			

Note. Type III Sum of Squares

## Descriptives

Descriptives – RespTARGET.RT[Trial]

CueDur_SL	RespExpTask1.CRESP[Trial]	SOA[Trial]	Mean	SD	N
LONG	m	0	517.250	122.392	1134
		100	528.475	121.090	1132
	z	0	514.694	143.550	1128
		100	527.796	141.138	1120
SHORT	m	0	545.139	127.917	1124
		100	577.494	125.982	1121
	z	0	543.968	145.564	1112
		100	576.960	153.752	1104

# Repeated Measures ANOVA

Within Subjects Effects

Cases	Sum of Squares	df	Mean Square	F	p	$\eta^2$
.	.	.	.	.	.	.

*Note.* Type III Sum of Squares

Between Subjects Effects

Cases	Sum of Squares	df	Mean Square	F	p
.	.	.	.	.	.

*Note.* Type III Sum of Squares

