Between-Subjects Factors

		N
Device	Normal	591
	tPad	591
Method	Clipped	612
	Normal	570
Size	Half	391
	Quarter	406
	ThreeQuarters	385
Participant	P1	108
	P10	108
	P11	108
	P12	45
	P2	108
	P3	108
	P4	107
	P5	88
	P6	102
	P7	90
	P8	102
	P9	108

Tests of Between-Subjects Effects

Dependent Variable:ARTAngleforDevice

Source		Type III Sum of Squares	df	Mean Square
Intercept	Hypothesis	3.871E8	1	3.871E8
	Error	6960544.347	11.188	622157.457 [a]
Device	Hypothesis	2688744.860	1	2688744.860
	Error	4106123.324	10.321	397845.451 [b]
Method	Hypothesis	5688.318	1	5688.318
	Error	3928388.759	11.520	341007.644 [c]
Size	Hypothesis	3172499.038	2	1586249.519
	Error	1864418.546	24.033	77576.775 [d]
Participant	Hypothesis	6893222.554	11	626656.596
	Error	3253111.178	6.091	534105.427 [e]
Device * Method	Hypothesis	410826.991	1	410826.991
	Error	3322902.888	10.430	318584.293 [f]
Device * Size	Hypothesis	986954.650	2	493477.325
	Error	3014053.776	19.936	151185.371 [g]
Device * Participant	Hypothesis	4011706.805	10	401170.681
	Error	638172.335	2.848	224045.372 [h]
Method * Size	Hypothesis	74964.784	2	37482.392
	Error	1646766.530	21.809	75508.433 [i]
Method * Participant	Hypothesis	3775559.438	11	343232.676
	Error	206965.643	1.400	147831.393 [j]
Size * Participant	Hypothesis	1665238.429	22	.
	Error	.	. [k]	.

a. .984 MS(Participant) + .007 MS(Device * Participant) + 7.95E-005 MS(Method * Participant) + .000 MS(Size * Participant) + .001 MS(Device * Method * Participant) + .001 MS(Device * Size * Participant) + .003 MS(Method * Size * Participant) + .009 MS(Device * Method * Size * Participant) - .005 MS(Error)
b. .976 MS(Device * Participant) + .002 MS(Device * Method * Participant) + .001 MS(Device * Size * Participant) + .023 MS(Device * Method * Size * Participant) - .002 MS(Error)
c. .971 MS(Method * Participant) + .009 MS(Device * Method * Participant) + .005 MS(Method * Size * Participant) + .020 MS(Device * Method * Size * Participant) - .005 MS(Error)
d. .980 MS(Size * Participant) + .003 MS(Device * Size * Participant) + .002 MS(Method * Size * Participant) + .009 MS(Device * Method * Size * Participant) + .006 MS(Error)
e. 1.014 MS(Device * Participant) + 1.040 MS(Method * Participant) + 1.009 MS(Size * Participant) - 1.085 MS(Device * Method * Participant) - 1.043 MS(Device * Size * Participant) - 1.048 MS(Method * Size * Participant) + 1.115 MS(Device * Method * Size * Participant) - .003 MS(Error)
f. .975 MS(Device * Method * Participant) + .028 MS(Device * Method * Size * Participant) - .003 MS(Error)
g. .997 MS(Device * Size * Participant) - .004 MS(Device * Method * Size * Participant) + .007 MS(Error)
h. 1.069 MS(Device * Method * Participant) + 1.026 MS(Device * Size * Participant) - 1.100 MS(Device * Method * Size * Participant) + .005 MS(Error)
i. .990 MS(Method * Size * Participant) + .003 MS(Device * Method * Size * Participant) + .008 MS(Error)
j. 1.042 MS(Device * Method * Participant) + 1.003 MS(Method * Size * Participant) - 1.044 MS(Device * Method * Size * Participant) - .001 MS(Error)
k. Cannot compute the error degrees of freedom using Satterthwaite's method.

Tests of Between-Subjects Effects

Dependent Variable:ARTAngleforDevice

Source		F	Sig.
Intercept	Hypothesis	622.146	.000
Device	Hypothesis	6.758	.026
Method	Hypothesis	.017	.899
Size	Hypothesis	20.447	.000
Participant	Hypothesis	1.173	.442
Device * Method	Hypothesis	1.290	.282
Device * Size	Hypothesis	3.264	.059
Device * Participant	Hypothesis	1.791	.354
Method * Size	Hypothesis	.496	.615
Method * Participant	Hypothesis	2.322	.409
Size * Participant	Hypothesis	.	.

Tests of Between-Subjects Effects

Dependent Variable:ARTAngleforDevice

Source		Type III Sum of Squares	df	Mean Square
Device * Method * Size	Hypothesis	180930.469	2	90465.234
	Error	3992369.316	16.062	248566.627 [l]
Device * Method * Participant	Hypothesis	3198702.408	10	319870.241
	Error	3989865.449	16.005	249294.550 [m]
Device * Size * Participant	Hypothesis	3038723.018	20	151936.151
	Error	3987049.621	15.939	250140.361 [n]
Method * Size * Participant	Hypothesis	1572297.849	21	74871.326
	Error	3988338.410	15.969	249749.516 [o]
Device * Method * Size * Participant	Hypothesis	3989664.218	16	249354.014
	Error	9.866E7	1049	94053.478 [p]

l. .995 MS(Device * Method * Size * Participant) + .005 MS(Error)
m. 1.000 MS(Device * Method * Size * Participant) + .000 MS(Error)
n. 1.005 MS(Device * Method * Size * Participant) - .005 MS(Error)
o. 1.003 MS(Device * Method * Size * Participant) - .003 MS(Error)
p. MS(Error)

Tests of Between-Subjects Effects

Dependent Variable:ARTAngleforDevice

Source		F	Sig.
Device * Method * Size	Hypothesis	.364	.701
Device * Method * Participant	Hypothesis	1.283	.317
Device * Size * Participant	Hypothesis	.607	.855
Method * Size * Participant	Hypothesis	.300	.995
Device * Method * Size * Participant	Hypothesis	2.651	.000

Tests of Between-Subjects Effects

Dependent Variable:ARTAngleforMethod

Source		Type III Sum of Squares	df	Mean Square
Intercept	Hypothesis	3.891E8	1	3.891E8
	Error	7242888.126	11.188	647386.939 [a]
Device	Hypothesis	2114710.372	1	2114710.372
	Error	4585703.021	10.268	446583.491 [b]
Method	Hypothesis	754496.399	1	754496.399
	Error	3731276.261	11.489	324771.037 [c]
Size	Hypothesis	2648351.762	2	1324175.881
	Error	1885568.854	23.961	78692.725 [d]
Participant	Hypothesis	7172704.317	11	652064.029
	Error	5241824.656	8.452	620205.924 [e]
Device * Method	Hypothesis	381114.375	1	381114.375
	Error	2685601.769	10.514	255438.879 [f]
Device * Size	Hypothesis	492686.334	2	246343.167
	Error	3097322.366	19.951	155246.281 [g]
Device * Participant	Hypothesis	4514740.775	10	451474.077
	Error	386399.867	2.254	171438.211 [h]
Method * Size	Hypothesis	88602.571	2	44301.286
	Error	1704619.723	21.769	78304.118 [i]
Method * Participant	Hypothesis	3600683.462	11	327334.860
	Error	76534.421	.805	95107.996 [j]
Size * Participant	Hypothesis	1691847.303	22	.
	Error	.	. [k]	.

a. .984 MS(Participant) + .007 MS(Device * Participant) + 7.95E-005 MS(Method * Participant) + .000 MS(Size * Participant) + .001 MS(Device * Method * Participant) + .001 MS(Device * Size * Participant) + .003 MS(Method * Size * Participant) + .009 MS(Device * Method * Size * Participant) - .005 MS(Error)
b. .976 MS(Device * Participant) + .002 MS(Device * Method * Participant) + .001 MS(Device * Size * Participant) + .023 MS(Device * Method * Size * Participant) - .002 MS(Error)
c. .971 MS(Method * Participant) + .009 MS(Device * Method * Participant) + .005 MS(Method * Size * Participant) + .020 MS(Device * Method * Size * Participant) - .005 MS(Error)
d. .980 MS(Size * Participant) + .003 MS(Device * Size * Participant) + .002 MS(Method * Size * Participant) + .009 MS(Device * Method * Size * Participant) + .006 MS(Error)
e. 1.014 MS(Device * Participant) + 1.040 MS(Method * Participant) + 1.009 MS(Size * Participant) - 1.085 MS(Device * Method * Participant) - 1.043 MS(Device * Size * Participant) - 1.048 MS(Method * Size * Participant) + 1.115 MS(Device * Method * Size * Participant) - .003 MS(Error)
f. .975 MS(Device * Method * Participant) + .028 MS(Device * Method * Size * Participant) - .003 MS(Error)
g. .997 MS(Device * Size * Participant) - .004 MS(Device * Method * Size * Participant) + .007 MS(Error)
h. 1.069 MS(Device * Method * Participant) + 1.026 MS(Device * Size * Participant) - 1.100 MS(Device * Method * Size * Participant) + .005 MS(Error)
i. .990 MS(Method * Size * Participant) + .003 MS(Device * Method * Size * Participant) + .008 MS(Error)
j. 1.042 MS(Device * Method * Participant) + 1.003 MS(Method * Size * Participant) - 1.044 MS(Device * Method * Size * Participant) - .001 MS(Error)
k. Cannot compute the error degrees of freedom using Satterthwaite's method.

Tests of Between-Subjects Effects

Dependent Variable:ARTAngleforMethod

Source		F	Sig.
Intercept	Hypothesis	600.968	.000
Device	Hypothesis	4.735	.054
Method	Hypothesis	2.323	.155
Size	Hypothesis	16.827	.000
Participant	Hypothesis	1.051	.481
Device * Method	Hypothesis	1.492	.249
Device * Size	Hypothesis	1.587	.229
Device * Participant	Hypothesis	2.633	.283
Method * Size	Hypothesis	.566	.576
Method * Participant	Hypothesis	3.442	.449
Size * Participant	Hypothesis	.	.

Tests of Between-Subjects Effects

Dependent Variable:ARTAngleforMethod

Source		Type III Sum of Squares	df	Mean Square
Device * Method * Size	Hypothesis	281464.342	2	140732.171
	Error	3816787.057	16.066	237575.622[l]
Device * Method * Participant	Hypothesis	2554327.008	10	255432.701
	Error	3813075.792	16.005	238243.920[m]
Device * Size * Participant	Hypothesis	3119189.923	20	155959.496
	Error	3808864.864	15.935	239020.450[n]
Method * Size * Participant	Hypothesis	1632017.121	21	77715.101
	Error	3810797.285	15.967	238661.620[o]
Device * Method * Size * Participant	Hypothesis	3812776.207	16	238298.513
	Error	1.004E8	1049	95718.654[p]

l. .995 MS(Device * Method * Size * Participant) + .005 MS(Error)
m. 1.000 MS(Device * Method * Size * Participant) + .000 MS(Error)
n. 1.005 MS(Device * Method * Size * Participant) - .005 MS(Error)
o. 1.003 MS(Device * Method * Size * Participant) - .003 MS(Error)
p. MS(Error)

Tests of Between-Subjects Effects

Dependent Variable:ARTAngleforMethod

Source		F	Sig.
Device * Method * Size	Hypothesis	.592	.565
Device * Method * Participant	Hypothesis	1.072	.435
Device * Size * Participant	Hypothesis	.652	.818
Method * Size * Participant	Hypothesis	.326	.991
Device * Method * Size * Participant	Hypothesis	2.490	.001

Tests of Between-Subjects Effects

Dependent Variable:ARTAngleforSize

Source		Type III Sum of Squares	df	Mean Square
Intercept	Hypothesis	3.852E8	1	3.852E8
	Error	7476889.369	11.173	669187.710 [a]
Device	Hypothesis	2369347.541	1	2369347.541
	Error	4569192.499	10.233	446505.748 [b]
Method	Hypothesis	26048.003	1	26048.003
	Error	3572248.823	11.466	311560.545 [c]
Size	Hypothesis	2632361.488	2	1316180.744
	Error	1914774.107	23.750	80621.145 [d]
Participant	Hypothesis	7419169.725	11	674469.975
	Error	4110964.349	7.302	563000.884 [e]
Device * Method	Hypothesis	350175.382	1	350175.382
	Error	2601814.107	10.450	248987.759 [f]
Device * Size	Hypothesis	1073972.220	2	536986.110
	Error	3013237.963	19.980	150815.577 [g]
Device * Participant	Hypothesis	4521765.032	10	452176.503
	Error	661113.501	3.359	196834.790 [h]
Method * Size	Hypothesis	107569.729	2	53784.865
	Error	2113573.286	21.568	97993.869 [i]
Method * Participant	Hypothesis	3457772.725	11	314342.975
	Error	292877.531	2.040	143568.557 [j]
Size * Participant	Hypothesis	1741265.644	22	79148.438
	Error	12098.869	.315	38441.041 [k]

a. .984 MS(Participant) + .007 MS(Device * Participant) + 7.95E-005 MS(Method * Participant) + .000 MS (Size * Participant) + .001 MS(Device * Method * Participant) + .001 MS(Device * Size * Participant) + .003 MS(Method * Size * Participant) + .009 MS(Device * Method * Size * Participant) - .005 MS(Error)
b. .976 MS(Device * Participant) + .002 MS(Device * Method * Participant) + .001 MS(Device * Size * Participant) + .023 MS(Device * Method * Size * Participant) - .002 MS(Error)
c. .971 MS(Method * Participant) + .009 MS(Device * Method * Participant) + .005 MS(Method * Size * Participant) + .020 MS(Device * Method * Size * Participant) - .005 MS(Error)
d. .980 MS(Size * Participant) + .003 MS(Device * Size * Participant) + .002 MS(Method * Size * Participant) + .009 MS(Device * Method * Size * Participant) + .006 MS(Error)
e. 1.014 MS(Device * Participant) + 1.040 MS(Method * Participant) + 1.009 MS(Size * Participant) - 1.085 MS(Device * Method * Participant) - 1.043 MS(Device * Size * Participant) - 1.048 MS(Method * Size * Participant) + 1.115 MS(Device * Method * Size * Participant) - .003 MS(Error)
f. .975 MS(Device * Method * Participant) + .028 MS(Device * Method * Size * Participant) - .003 MS(Error)
g. .997 MS(Device * Size * Participant) - .004 MS(Device * Method * Size * Participant) + .007 MS(Error)
h. 1.069 MS(Device * Method * Participant) + 1.026 MS(Device * Size * Participant) - 1.100 MS(Device * Method * Size * Participant) + .005 MS(Error)
i. .990 MS(Method * Size * Participant) + .003 MS(Device * Method * Size * Participant) + .008 MS(Error)
j. 1.042 MS(Device * Method * Participant) + 1.003 MS(Method * Size * Participant) - 1.044 MS(Device * Method * Size * Participant) - .001 MS(Error)
k. 1.033 MS(Device * Size * Participant) + 1.028 MS(Method * Size * Participant) - 1.065 MS(Device * Method * Size * Participant) + .004 MS(Error)

Tests of Between-Subjects Effects

Dependent Variable:ARTAngleforSize

Source		F	Sig.
Intercept	Hypothesis	575.553	.000
Device	Hypothesis	5.306	.043
Method	Hypothesis	.084	.778
Size	Hypothesis	16.326	.000
Participant	Hypothesis	1.198	.416
Device * Method	Hypothesis	1.406	.262
Device * Size	Hypothesis	3.561	.048
Device * Participant	Hypothesis	2.297	.248
Method * Size	Hypothesis	.549	.585
Method * Participant	Hypothesis	2.189	.351
Size * Participant	Hypothesis	2.059	.705

Tests of Between-Subjects Effects

Dependent Variable:ARTAngleforSize

Source		Type III Sum of Squares	df	Mean Square
Device * Method * Size	Hypothesis	416295.954	2	208147.977
	Error	3293709.455	16.076	204889.680 [l]
Device * Method * Participant	Hypothesis	2497567.791	10	249756.779
	Error	3287679.542	16.006	205407.168 [m]
Device * Size * Participant	Hypothesis	3028011.496	20	151400.575
	Error	3280789.017	15.926	206008.464 [n]
Method * Size * Participant	Hypothesis	2051931.625	21	97711.030
	Error	3283957.741	15.962	205730.608 [o]
Device * Method * Size * Participant	Hypothesis	3287191.063	16	205449.441
	Error	9.970E7	1049	95044.603 [p]

l. .995 MS(Device * Method * Size * Participant) + .005 MS(Error)
m. 1.000 MS(Device * Method * Size * Participant) + .000 MS(Error)
n. 1.005 MS(Device * Method * Size * Participant) - .005 MS(Error)
o. 1.003 MS(Device * Method * Size * Participant) - .003 MS(Error)
p. MS(Error)

Tests of Between-Subjects Effects

Dependent Variable:ARTAngleforSize

Source		F	Sig.
Device * Method * Size	Hypothesis	1.016	.384
Device * Method * Participant	Hypothesis	1.216	.351
Device * Size * Participant	Hypothesis	.735	.745
Method * Size * Participant	Hypothesis	.475	.945
Device * Method * Size * Participant	Hypothesis	2.162	.005

Tests of Between-Subjects Effects

Dependent Variable:ARTAngleforDeviceMethod

Source		Type III Sum of Squares	df	Mean Square
Intercept	Hypothesis	3.869E8	1	3.869E8
	Error	7167865.908	11.183	640941.444 [a]
Device	Hypothesis	2089213.117	1	2089213.117
	Error	4230035.494	10.302	410592.466 [b]
Method	Hypothesis	145.149	1	145.149
	Error	3481217.071	11.528	301979.232 [c]
Size	Hypothesis	2720708.595	2	1360354.298
	Error	1951375.010	23.957	81452.401 [d]
Participant	Hypothesis	7102743.923	11	645703.993
	Error	5152941.928	8.722	590811.018 [e]
Device * Method	Hypothesis	248856.128	1	248856.128
	Error	2493890.499	10.584	235636.858 [f]
Device * Size	Hypothesis	421068.682	2	210534.341
	Error	3143503.542	19.946	157604.622 [g]
Device * Participant	Hypothesis	4144004.678	10	414400.468
	Error	225977.676	1.607	140609.857 [h]
Method * Size	Hypothesis	92044.097	2	46022.049
	Error	1734131.068	21.779	79622.483 [i]
Method * Participant	Hypothesis	3342251.747	11	303841.068
	Error	25279.220	.393	64255.196 [j]
Size * Participant	Hypothesis	1751309.311	22	.
	Error	.	. [k]	.

a. .984 MS(Participant) + .007 MS(Device * Participant) + 7.95E-005 MS(Method * Participant) + .000 MS (Size * Participant) + .001 MS(Device * Method * Participant) + .001 MS(Device * Size * Participant) + .003 MS(Method * Size * Participant) + .009 MS(Device * Method * Size * Participant) - .005 MS(Error)
b. .976 MS(Device * Participant) + .002 MS(Device * Method * Participant) + .001 MS(Device * Size * Participant) + .023 MS(Device * Method * Size * Participant) - .002 MS(Error)
c. .971 MS(Method * Participant) + .009 MS(Device * Method * Participant) + .005 MS(Method * Size * Participant) + .020 MS(Device * Method * Size * Participant) - .005 MS(Error)
d. .980 MS(Size * Participant) + .003 MS(Device * Size * Participant) + .002 MS(Method * Size * Participant) + .009 MS(Device * Method * Size * Participant) + .006 MS(Error)
e. 1.014 MS(Device * Participant) + 1.040 MS(Method * Participant) + 1.009 MS(Size * Participant) - 1.085 MS(Device * Method * Participant) - 1.043 MS(Device * Size * Participant) - 1.048 MS(Method * Size * Participant) + 1.115 MS(Device * Method * Size * Participant) - .003 MS(Error)
f. .975 MS(Device * Method * Participant) + .028 MS(Device * Method * Size * Participant) - .003 MS(Error)
g. .997 MS(Device * Size * Participant) - .004 MS(Device * Method * Size * Participant) + .007 MS(Error)
h. 1.069 MS(Device * Method * Participant) + 1.026 MS(Device * Size * Participant) - 1.100 MS(Device * Method * Size * Participant) + .005 MS(Error)
i. .990 MS(Method * Size * Participant) + .003 MS(Device * Method * Size * Participant) + .008 MS(Error)
j. 1.042 MS(Device * Method * Participant) + 1.003 MS(Method * Size * Participant) - 1.044 MS(Device * Method * Size * Participant) - .001 MS(Error)
k. Cannot compute the error degrees of freedom using Satterthwaite's method.

Tests of Between-Subjects Effects

Dependent Variable:ARTAngleforDeviceMethod

Source		F	Sig.
Intercept	Hypothesis	603.618	.000
Device	Hypothesis	5.088	.047
Method	Hypothesis	.000	.983
Size	Hypothesis	16.701	.000
Participant	Hypothesis	1.093	.456
Device * Method	Hypothesis	1.056	.327
Device * Size	Hypothesis	1.336	.285
Device * Participant	Hypothesis	2.947	.325
Method * Size	Hypothesis	.578	.569
Method * Participant	Hypothesis	4.729	.570
Size * Participant	Hypothesis	.	.

Tests of Between-Subjects Effects

Dependent Variable:ARTAngleforDeviceMethod

Source		Type III Sum of Squares	df	Mean Square
Device * Method * Size	Hypothesis	366663.651	2	183331.826
	Error	3980161.589	16.064	247768.886 [l]
Device * Method * Participant	Hypothesis	2348362.182	10	234836.218
	Error	3976826.415	16.005	248477.000 [m]
Device * Size * Participant	Hypothesis	3167008.375	20	158350.419
	Error	3973051.880	15.937	249299.795 [n]
Method * Size * Participant	Hypothesis	1659101.820	21	79004.849
	Error	3974782.726	15.968	248919.585 [o]
Device * Method * Size * Participant	Hypothesis	3976557.531	16	248534.846
	Error	1.022E8	1049	97460.395 [p]

l. .995 MS(Device * Method * Size * Participant) + .005 MS(Error)
m. 1.000 MS(Device * Method * Size * Participant) + .000 MS(Error)
n. 1.005 MS(Device * Method * Size * Participant) - .005 MS(Error)
o. 1.003 MS(Device * Method * Size * Participant) - .003 MS(Error)
p. MS(Error)

Tests of Between-Subjects Effects

Dependent Variable:ARTAngleforDeviceMethod

Source		F	Sig.
Device * Method * Size	Hypothesis	.740	.493
Device * Method * Participant	Hypothesis	.945	.521
Device * Size * Participant	Hypothesis	.635	.833
Method * Size * Participant	Hypothesis	.317	.992
Device * Method * Size * Participant	Hypothesis	2.550	.001

Tests of Between-Subjects Effects

Dependent Variable:ARTAngleforDeviceSize

Source		Type III Sum of Squares	df	Mean Square
Intercept	Hypothesis	3.888E8	1	3.888E8
	Error	7208787.723	11.189	644245.955 [a]
Device	Hypothesis	2117942.476	1	2117942.476
	Error	4463205.772	10.291	433702.839 [b]
Method	Hypothesis	38471.186	1	38471.186
	Error	3715416.129	11.509	322833.734 [c]
Size	Hypothesis	2784863.417	2	1392431.709
	Error	1856366.196	24.092	77053.786 [d]
Participant	Hypothesis	7137389.811	11	648853.619
	Error	5216077.249	8.481	615032.868 [e]
Device * Method	Hypothesis	306133.303	1	306133.303
	Error	2680837.097	10.547	254185.426 [f]
Device * Size	Hypothesis	180803.190	2	90401.595
	Error	3201360.026	19.943	160525.550 [g]
Device * Participant	Hypothesis	4379685.563	10	437968.556
	Error	306540.450	1.908	160634.134 [h]
Method * Size	Hypothesis	93245.683	2	46622.841
	Error	1673168.217	21.812	76707.562 [i]
Method * Participant	Hypothesis	3576086.391	11	325098.763
	Error	40895.941	.525	77939.905 [j]
Size * Participant	Hypothesis	1651959.589	22	.
	Error	.	. [k]	.

a. .984 MS(Participant) + .007 MS(Device * Participant) + 7.95E-005 MS(Method * Participant) + .000 MS (Size * Participant) + .001 MS(Device * Method * Participant) + .001 MS(Device * Size * Participant) + .003 MS(Method * Size * Participant) + .009 MS(Device * Method * Size * Participant) - .005 MS(Error)
b. .976 MS(Device * Participant) + .002 MS(Device * Method * Participant) + .001 MS(Device * Size * Participant) + .023 MS(Device * Method * Size * Participant) - .002 MS(Error)
c. .971 MS(Method * Participant) + .009 MS(Device * Method * Participant) + .005 MS(Method * Size * Participant) + .020 MS(Device * Method * Size * Participant) - .005 MS(Error)
d. .980 MS(Size * Participant) + .003 MS(Device * Size * Participant) + .002 MS(Method * Size * Participant) + .009 MS(Device * Method * Size * Participant) + .006 MS(Error)
e. 1.014 MS(Device * Participant) + 1.040 MS(Method * Participant) + 1.009 MS(Size * Participant) - 1.085 MS(Device * Method * Participant) - 1.043 MS(Device * Size * Participant) - 1.048 MS(Method * Size * Participant) + 1.115 MS(Device * Method * Size * Participant) - .003 MS(Error)
f. .975 MS(Device * Method * Participant) + .028 MS(Device * Method * Size * Participant) - .003 MS(Error)
g. .997 MS(Device * Size * Participant) - .004 MS(Device * Method * Size * Participant) + .007 MS(Error)
h. 1.069 MS(Device * Method * Participant) + 1.026 MS(Device * Size * Participant) - 1.100 MS(Device * Method * Size * Participant) + .005 MS(Error)
i. .990 MS(Method * Size * Participant) + .003 MS(Device * Method * Size * Participant) + .008 MS(Error)
j. 1.042 MS(Device * Method * Participant) + 1.003 MS(Method * Size * Participant) - 1.044 MS(Device * Method * Size * Participant) - .001 MS(Error)
k. Cannot compute the error degrees of freedom using Satterthwaite's method.

Tests of Between-Subjects Effects

Dependent Variable:ARTAngleforDeviceSize

Source		F	Sig.
Intercept	Hypothesis	603.474	.000
Device	Hypothesis	4.883	.051
Method	Hypothesis	.119	.736
Size	Hypothesis	18.071	.000
Participant	Hypothesis	1.055	.479
Device * Method	Hypothesis	1.204	.297
Device * Size	Hypothesis	.563	.578
Device * Participant	Hypothesis	2.726	.307
Method * Size	Hypothesis	.608	.554
Method * Participant	Hypothesis	4.171	.519
Size * Participant	Hypothesis	.	.

Tests of Between-Subjects Effects

Dependent Variable:ARTAngleforDeviceSize

Source		Type III Sum of Squares	df	Mean Square
Device * Method * Size	Hypothesis	237947.232	2	118973.616
	Error	4026997.745	16.063	250701.364[l]
Device * Method * Participant	Hypothesis	2537728.130	10	253772.813
	Error	4023999.182	16.005	251425.688[m]
Device * Size * Participant	Hypothesis	3225907.203	20	161295.360
	Error	4020613.556	15.938	252267.317[n]
Method * Size * Participant	Hypothesis	1597149.138	21	76054.721
	Error	4022164.983	15.969	251878.404[o]
Device * Method * Size * Participant	Hypothesis	4023757.718	16	251484.857
	Error	1.017E8	1049	96952.174[p]

l. .995 MS(Device * Method * Size * Participant) + .005 MS(Error)
m. 1.000 MS(Device * Method * Size * Participant) + .000 MS(Error)
n. 1.005 MS(Device * Method * Size * Participant) - .005 MS(Error)
o. 1.003 MS(Device * Method * Size * Participant) - .003 MS(Error)
p. MS(Error)

Tests of Between-Subjects Effects

Dependent Variable:ARTAngleforDeviceSize

Source		F	Sig.
Device * Method * Size	Hypothesis	.475	.631
Device * Method * Participant	Hypothesis	1.009	.476
Device * Size * Participant	Hypothesis	.639	.829
Method * Size * Participant	Hypothesis	.302	.994
Device * Method * Size * Participant	Hypothesis	2.594	.001

Tests of Between-Subjects Effects

Dependent Variable:ARTAngleforMethodSize

Source		Type III Sum of Squares	df	Mean Square
Intercept	Hypothesis	3.886E8	1	3.886E8
	Error	7161089.348	11.188	640083.638 [a]
Device	Hypothesis	2068418.819	1	2068418.819
	Error	4542091.097	10.266	442427.742 [b]
Method	Hypothesis	38862.357	1	38862.357
	Error	3668875.580	11.486	319431.972 [c]
Size	Hypothesis	2819143.592	2	1409571.796
	Error	1969753.117	23.854	82573.701 [d]
Participant	Hypothesis	7091832.111	11	644712.010
	Error	5383873.504	8.697	619075.040 [e]
Device * Method	Hypothesis	299046.305	1	299046.305
	Error	2574823.356	10.528	244557.848 [f]
Device * Size	Hypothesis	410117.170	2	205058.585
	Error	3108116.573	19.956	155746.743 [g]
Device * Participant	Hypothesis	4473192.946	10	447319.295
	Error	358515.941	2.187	163947.433 [h]
Method * Size	Hypothesis	269047.151	2	134523.576
	Error	1763735.008	21.741	81125.494 [i]
Method * Participant	Hypothesis	3542006.492	11	322000.590
	Error	69306.354	.769	90090.931 [j]
Size * Participant	Hypothesis	1779370.847	22	.
	Error	.	. [k]	.

a. .984 MS(Participant) + .007 MS(Device * Participant) + 7.95E-005 MS(Method * Participant) + .000 MS(Size * Participant) + .001 MS(Device * Method * Participant) + .001 MS(Device * Size * Participant) + .003 MS(Method * Size * Participant) + .009 MS(Device * Method * Size * Participant) - .005 MS(Error)
b. .976 MS(Device * Participant) + .002 MS(Device * Method * Participant) + .001 MS(Device * Size * Participant) + .023 MS(Device * Method * Size * Participant) - .002 MS(Error)
c. .971 MS(Method * Participant) + .009 MS(Device * Method * Participant) + .005 MS(Method * Size * Participant) + .020 MS(Device * Method * Size * Participant) - .005 MS(Error)
d. .980 MS(Size * Participant) + .003 MS(Device * Size * Participant) + .002 MS(Method * Size * Participant) + .009 MS(Device * Method * Size * Participant) + .006 MS(Error)
e. 1.014 MS(Device * Participant) + 1.040 MS(Method * Participant) + 1.009 MS(Size * Participant) - 1.085 MS(Device * Method * Participant) - 1.043 MS(Device * Size * Participant) - 1.048 MS(Method * Size * Participant) + 1.115 MS(Device * Method * Size * Participant) - .003 MS(Error)
f. .975 MS(Device * Method * Participant) + .028 MS(Device * Method * Size * Participant) - .003 MS(Error)
g. .997 MS(Device * Size * Participant) - .004 MS(Device * Method * Size * Participant) + .007 MS(Error)
h. 1.069 MS(Device * Method * Participant) + 1.026 MS(Device * Size * Participant) - 1.100 MS(Device * Method * Size * Participant) + .005 MS(Error)
i. .990 MS(Method * Size * Participant) + .003 MS(Device * Method * Size * Participant) + .008 MS(Error)
j. 1.042 MS(Device * Method * Participant) + 1.003 MS(Method * Size * Participant) - 1.044 MS(Device * Method * Size * Participant) - .001 MS(Error)
k. Cannot compute the error degrees of freedom using Satterthwaite's method.

Tests of Between-Subjects Effects

Dependent Variable:ARTAngleforMethodSize

Source		F	Sig.
Intercept	Hypothesis	607.096	.000
Device	Hypothesis	4.675	.055
Method	Hypothesis	.122	.734
Size	Hypothesis	17.070	.000
Participant	Hypothesis	1.041	.486
Device * Method	Hypothesis	1.223	.293
Device * Size	Hypothesis	1.317	.290
Device * Participant	Hypothesis	2.728	.280
Method * Size	Hypothesis	1.658	.214
Method * Participant	Hypothesis	3.574	.453
Size * Participant	Hypothesis	.	.

Tests of Between-Subjects Effects

Dependent Variable:ARTAngleforMethodSize

Source		Type III Sum of Squares	df	Mean Square
Device * Method * Size	Hypothesis	200344.521	2	100172.261
	Error	3761596.152	16.067	234115.663 [l]
Device * Method * Participant	Hypothesis	2443765.793	10	244376.579
	Error	3757390.815	16.005	234762.821 [m]
Device * Size * Participant	Hypothesis	3128839.681	20	156441.984
	Error	3752609.523	15.934	235514.788 [n]
Method * Size * Participant	Hypothesis	1691932.526	21	80568.216
	Error	3754805.013	15.967	235167.308 [o]
Device * Method * Size * Participant	Hypothesis	3757051.001	16	234815.688
	Error	1.015E8	1049	96746.027 [p]

l. .995 MS(Device * Method * Size * Participant) + .005 MS(Error)
m. 1.000 MS(Device * Method * Size * Participant) + .000 MS(Error)
n. 1.005 MS(Device * Method * Size * Participant) - .005 MS(Error)
o. 1.003 MS(Device * Method * Size * Participant) - .003 MS(Error)
p. MS(Error)

Tests of Between-Subjects Effects

Dependent Variable:ARTAngleforMethodSize

Source		F	Sig.
Device * Method * Size	Hypothesis	.428	.659
Device * Method * Participant	Hypothesis	1.041	.455
Device * Size * Participant	Hypothesis	.664	.808
Method * Size * Participant	Hypothesis	.343	.989
Device * Method * Size * Participant	Hypothesis	2.427	.001

Tests of Between-Subjects Effects

Dependent Variable:ARTAngleforDeviceMethodSize

Source		Type III Sum of Squares	df	Mean Square
Intercept	Hypothesis	3.884E8	1	3.884E8
	Error	7210153.896	11.184	644656.402 [a]
Device	Hypothesis	2073721.463	1	2073721.463
	Error	4460637.534	10.273	434216.790 [b]
Method	Hypothesis	30682.211	1	30682.211
	Error	3737078.980	11.477	325609.467 [c]
Size	Hypothesis	2731471.213	2	1365735.607
	Error	1919477.332	23.915	80264.086 [d]
Participant	Hypothesis	7143538.682	11	649412.607
	Error	5458001.142	8.802	620107.946 [e]
Device * Method	Hypothesis	326008.694	1	326008.694
	Error	2573843.605	10.532	244376.120 [f]
Device * Size	Hypothesis	437859.491	2	218929.745
	Error	3080660.315	19.955	154380.044 [g]
Device * Participant	Hypothesis	4388765.890	10	438876.589
	Error	337300.652	2.099	160718.186 [h]
Method * Size	Hypothesis	117582.549	2	58791.275
	Error	1722595.697	21.763	79151.395 [i]
Method * Participant	Hypothesis	3611844.698	11	328349.518
	Error	60901.818	.705	86342.881 [j]
Size * Participant	Hypothesis	1727367.110	22	.
	Error	.	. [k]	.

a. .984 MS(Participant) + .007 MS(Device * Participant) + 7.95E-005 MS(Method * Participant) + .000 MS (Size * Participant) + .001 MS(Device * Method * Participant) + .001 MS(Device * Size * Participant) + .003 MS(Method * Size * Participant) + .009 MS(Device * Method * Size * Participant) - .005 MS(Error)
b. .976 MS(Device * Participant) + .002 MS(Device * Method * Participant) + .001 MS(Device * Size * Participant) + .023 MS(Device * Method * Size * Participant) - .002 MS(Error)
c. .971 MS(Method * Participant) + .009 MS(Device * Method * Participant) + .005 MS(Method * Size * Participant) + .020 MS(Device * Method * Size * Participant) - .005 MS(Error)
d. .980 MS(Size * Participant) + .003 MS(Device * Size * Participant) + .002 MS(Method * Size * Participant) + .009 MS(Device * Method * Size * Participant) + .006 MS(Error)
e. 1.014 MS(Device * Participant) + 1.040 MS(Method * Participant) + 1.009 MS(Size * Participant) - 1.085 MS(Device * Method * Participant) - 1.043 MS(Device * Size * Participant) - 1.048 MS(Method * Size * Participant) + 1.115 MS(Device * Method * Size * Participant) - .003 MS(Error)
f. .975 MS(Device * Method * Participant) + .028 MS(Device * Method * Size * Participant) - .003 MS(Error)
g. .997 MS(Device * Size * Participant) - .004 MS(Device * Method * Size * Participant) + .007 MS(Error)
h. 1.069 MS(Device * Method * Participant) + 1.026 MS(Device * Size * Participant) - 1.100 MS(Device * Method * Size * Participant) + .005 MS(Error)
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j. 1.042 MS(Device * Method * Participant) + 1.003 MS(Method * Size * Participant) - 1.044 MS(Device * Method * Size * Participant) - .001 MS(Error)
k. Cannot compute the error degrees of freedom using Satterthwaite's method.

Tests of Between-Subjects Effects

Dependent Variable:ARTAngleforDeviceMethodSize

Source		F	Sig.
Intercept	Hypothesis	602.440	.000
Device	Hypothesis	4.776	.053
Method	Hypothesis	.094	.764
Size	Hypothesis	17.016	.000
Participant	Hypothesis	1.047	.482
Device * Method	Hypothesis	1.334	.274
Device * Size	Hypothesis	1.418	.266
Device * Participant	Hypothesis	2.731	.288
Method * Size	Hypothesis	.743	.487
Method * Participant	Hypothesis	3.803	.463
Size * Participant	Hypothesis	.	.

Tests of Between-Subjects Effects

Dependent Variable:ARTAngleforDeviceMethodSize

Source		Type III Sum of Squares	df	Mean Square
Device * Method * Size	Hypothesis	6790.845	2	3395.423
	Error	3784587.199	16.067	235549.478[l]
Device * Method * Participant	Hypothesis	2441498.738	10	244149.874
	Error	3780420.474	16.005	236201.939[m]
Device * Size * Participant	Hypothesis	3101473.633	20	155073.682
	Error	3775684.073	15.934	236960.068[n]
Method * Size * Participant	Hypothesis	1649903.586	21	78566.837
	Error	3777858.816	15.967	236609.740[o]
Device * Method * Size * Participant	Hypothesis	3780083.815	16	236255.238
	Error	1.018E8	1049	97054.204[p]

l. .995 MS(Device * Method * Size * Participant) + .005 MS(Error)
m. 1.000 MS(Device * Method * Size * Participant) + .000 MS(Error)
n. 1.005 MS(Device * Method * Size * Participant) - .005 MS(Error)
o. 1.003 MS(Device * Method * Size * Participant) - .003 MS(Error)
p. MS(Error)

Tests of Between-Subjects Effects

Dependent Variable:ARTAngleforDeviceMethodSize

Source		F	Sig.
Device * Method * Size	Hypothesis	.014	.986
Device * Method * Participant	Hypothesis	1.034	.460
Device * Size * Participant	Hypothesis	.654	.817
Method * Size * Participant	Hypothesis	.332	.990
Device * Method * Size * Participant	Hypothesis	2.434	.001