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:ARTOffsetforDevice

Source		Type III Sum of Squares	df	Mean Square
Intercept	Hypothesis	3.790E8	1	3.790E8
	Error	2.986E7	11.050	2.702E6
Device	Hypothesis	2588245.671	1	2588245.671
	Error	5671994.149	10.180	557143.976 [b]
Method	Hypothesis	1393207.439	1	1393207.439
	Error	4016922.518	11.398	352429.227 [c]
Size	Hypothesis	777680.158	2	388840.079
	Error	3749827.285	22.820	164319.386 [d]
Participant	Hypothesis	3.013E7	11	2738961.704
	Error	7146678.279	9.547	748571.401 [e]
Device * Method	Hypothesis	343830.389	1	343830.389
	Error	2384227.986	10.473	227663.198 [f]
Device * Size	Hypothesis	694211.881	2	347105.941
	Error	4060026.571	19.957	203434.846 [g]
Device * Participant	Hypothesis	5656880.552	10	565688.055
	Error	1247945.317	5.209	239597.383 [h]
Method * Size	Hypothesis	382822.210	2	191411.105
	Error	2422436.961	21.404	113174.740 [i]
Method * Participant	Hypothesis	3923084.196	11	356644.018
	Error	364667.333	2.468	147772.571 [j]
Size * Participant	Hypothesis	3621704.228	22	164622.919
	Error	313416.256	2.604	120362.482 [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:ARTOffsetforDevice

Source		F	Sig.
Intercept	Hypothesis	140.252	.000
Device	Hypothesis	4.646	.056
Method	Hypothesis	3.953	.071
Size	Hypothesis	2.366	.116
Participant	Hypothesis	3.659	.027
Device * Method	Hypothesis	1.510	.246
Device * Size	Hypothesis	1.706	.207
Device * Participant	Hypothesis	2.361	.172
Method * Size	Hypothesis	1.691	.208
Method * Participant	Hypothesis	2.413	.289
Size * Participant	Hypothesis	1.368	.473

Tests of Between-Subjects Effects

Dependent Variable:ARTOffsetforDevice

Source		Type III Sum of Squares	df	Mean Square
Device * Method * Size	Hypothesis	1259856.470	2	629928.235
	Error	3118053.137	16.058	194173.912[l]
Device * Method * Participant	Hypothesis	2281118.789	10	228111.879
	Error	3117045.792	16.004	194762.298[m]
Device * Size * Participant	Hypothesis	4086785.418	20	204339.271
	Error	3115940.271	15.943	195445.973[n]
Method * Size * Participant	Hypothesis	2378891.987	21	113280.571
	Error	3116442.521	15.971	195130.050[o]
Device * Method * Size * Participant	Hypothesis	3116965.800	16	194810.363
	Error	7.267E7	1049	69279.748[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:ARTOffsetforDevice

Source		F	Sig.
Device * Method * Size	Hypothesis	3.244	.066
Device * Method * Participant	Hypothesis	1.171	.375
Device * Size * Participant	Hypothesis	1.046	.470
Method * Size * Participant	Hypothesis	.581	.879
Device * Method * Size * Participant	Hypothesis	2.812	.000

Tests of Between-Subjects Effects

Dependent Variable:ARTOffsetforMethod

Source		Type III Sum of Squares	df	Mean Square
Intercept	Hypothesis	3.815E8	1	3.815E8
	Error	3.146E7	11.057	2.846E6
Device	Hypothesis	3623149.760	1	3623149.760
	Error	7548268.394	10.120	745906.316 [b]
Method	Hypothesis	75094.698	1	75094.698
	Error	3492892.709	11.399	306431.401 [c]
Size	Hypothesis	406592.154	2	203296.077
	Error	3493554.584	22.831	153016.856 [d]
Participant	Hypothesis	3.172E7	11	2883306.464
	Error	9661288.583	10.567	914249.146 [e]
Device * Method	Hypothesis	202331.383	1	202331.383
	Error	1938220.366	10.522	184199.229 [f]
Device * Size	Hypothesis	362840.673	2	181420.336
	Error	3948889.969	19.975	197695.504 [g]
Device * Participant	Hypothesis	7596288.234	10	759628.823
	Error	1096011.118	5.257	208470.355 [h]
Method * Size	Hypothesis	298887.845	2	149443.923
	Error	2473853.320	21.383	115693.187 [i]
Method * Participant	Hypothesis	3410935.988	11	310085.090
	Error	307223.313	2.451	125326.986 [j]
Size * Participant	Hypothesis	3371805.471	22	153263.885
	Error	533507.909	3.861	138184.225 [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:ARTOffsetforMethod

Source		F	Sig.
Intercept	Hypothesis	134.071	.000
Device	Hypothesis	4.857	.052
Method	Hypothesis	.245	.630
Size	Hypothesis	1.329	.285
Participant	Hypothesis	3.154	.037
Device * Method	Hypothesis	1.098	.318
Device * Size	Hypothesis	.918	.416
Device * Participant	Hypothesis	3.644	.077
Method * Size	Hypothesis	1.292	.295
Method * Participant	Hypothesis	2.474	.284
Size * Participant	Hypothesis	1.109	.523

Tests of Between-Subjects Effects

Dependent Variable:ARTOffsetforMethod

Source		Type III Sum of Squares	df	Mean Square
Device * Method * Size	Hypothesis	1358520.547	2	679260.273
	Error	2801789.297	16.067	174377.858[l]
Device * Method * Participant	Hypothesis	1841167.770	10	184116.777
	Error	2798635.224	16.005	174859.432[m]
Device * Size * Participant	Hypothesis	3969779.522	20	198488.976
	Error	2795048.839	15.934	175418.997[n]
Method * Size * Participant	Hypothesis	2433060.839	21	115860.040
	Error	2796695.693	15.966	175160.425[o]
Device * Method * Size * Participant	Hypothesis	2798380.346	16	174898.772
	Error	7.569E7	1049	72156.193[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:ARTOffsetforMethod

Source		F	Sig.
Device * Method * Size	Hypothesis	3.895	.042
Device * Method * Participant	Hypothesis	1.053	.447
Device * Size * Participant	Hypothesis	1.132	.406
Method * Size * Participant	Hypothesis	.661	.815
Device * Method * Size * Participant	Hypothesis	2.424	.001

Tests of Between-Subjects Effects

Dependent Variable:ARTOffsetforSize

Source		Type III Sum of Squares	df	Mean Square
Intercept	Hypothesis	3.808E8	1	3.808E8
	Error	3.004E7	11.055	2.718E6
Device	Hypothesis	3688606.114	1	3688606.114
	Error	7139144.541	10.110	706128.208 [b]
Method	Hypothesis	1233303.411	1	1233303.411
	Error	3819389.701	11.331	337072.751 [c]
Size	Hypothesis	2800073.962	2	1400036.981
	Error	3164933.472	22.846	138531.662 [d]
Participant	Hypothesis	3.029E7	11	2753729.314
	Error	8016671.717	9.500	843877.876 [e]
Device * Method	Hypothesis	490620.809	1	490620.809
	Error	2043593.354	10.410	196304.892 [f]
Device * Size	Hypothesis	722253.568	2	361126.784
	Error	4224582.458	19.991	211320.985 [g]
Device * Participant	Hypothesis	7194517.833	10	719451.783
	Error	2212558.365	8.325	265766.177 [h]
Method * Size	Hypothesis	355826.690	2	177913.345
	Error	2272444.831	21.380	106289.012 [i]
Method * Participant	Hypothesis	3763254.601	11	342114.055
	Error	622215.163	3.953	157389.939 [j]
Size * Participant	Hypothesis	3051622.863	22	138710.130
	Error	1101592.373	6.447	170873.938 [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:ARTOffsetforSize

Source		F	Sig.
Intercept	Hypothesis	140.110	.000
Device	Hypothesis	5.224	.045
Method	Hypothesis	3.659	.081
Size	Hypothesis	10.106	.001
Participant	Hypothesis	3.263	.040
Device * Method	Hypothesis	2.499	.144
Device * Size	Hypothesis	1.709	.206
Device * Participant	Hypothesis	2.707	.082
Method * Size	Hypothesis	1.674	.211
Method * Participant	Hypothesis	2.174	.238
Size * Participant	Hypothesis	.812	.672

Tests of Between-Subjects Effects

Dependent Variable:ARTOffsetforSize

Source		Type III Sum of Squares	df	Mean Square
Device * Method * Size	Hypothesis	1314287.773	2	657143.886
	Error	2377765.761	16.077	147899.361 [l]
Device * Method * Participant	Hypothesis	1972878.447	10	197287.845
	Error	2373127.942	16.006	148266.979 [m]
Device * Size * Participant	Hypothesis	4241620.116	20	212081.006
	Error	2367825.816	15.924	148694.133 [n]
Method * Size * Participant	Hypothesis	2235449.772	21	106449.989
	Error	2370264.408	15.962	148496.747 [o]
Device * Method * Size * Participant	Hypothesis	2372752.152	16	148297.009
	Error	7.329E7	1049	69866.614 [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:ARTOffsetforSize

Source		F	Sig.
Device * Method * Size	Hypothesis	4.443	.029
Device * Method * Participant	Hypothesis	1.331	.294
Device * Size * Participant	Hypothesis	1.426	.238
Method * Size * Participant	Hypothesis	.717	.766
Device * Method * Size * Participant	Hypothesis	2.123	.006

Tests of Between-Subjects Effects

Dependent Variable:ARTOffsetforDeviceMethod

Source		Type III Sum of Squares	df	Mean Square
Intercept	Hypothesis	3.784E8	1	3.784E8
	Error	3.094E7	11.056	2.799E6
Device	Hypothesis	3410488.122	1	3410488.122
	Error	7345086.127	10.122	725662.941 [b]
Method	Hypothesis	1708406.470	1	1708406.470
	Error	3900457.582	11.362	343283.912 [c]
Size	Hypothesis	419641.592	2	209820.796
	Error	3465401.087	22.832	151779.838 [d]
Participant	Hypothesis	3.119E7	11	2835642.346
	Error	9153806.241	10.185	898740.660 [e]
Device * Method	Hypothesis	1322351.975	1	1322351.975
	Error	2128942.900	10.461	203510.771 [f]
Device * Size	Hypothesis	363094.074	2	181547.037
	Error	4103397.309	19.976	205415.437 [g]
Device * Participant	Hypothesis	7389287.879	10	738928.788
	Error	1535049.314	6.347	241857.016 [h]
Method * Size	Hypothesis	322385.698	2	161192.849
	Error	2447880.233	21.378	114502.357 [i]
Method * Participant	Hypothesis	3827311.538	11	347937.413
	Error	461453.056	3.101	148827.468 [j]
Size * Participant	Hypothesis	3344507.670	22	152023.076
	Error	660541.306	4.434	148987.674 [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:ARTOffsetforDeviceMethod

Source		F	Sig.
Intercept	Hypothesis	135.201	.000
Device	Hypothesis	4.700	.055
Method	Hypothesis	4.977	.047
Size	Hypothesis	1.382	.271
Participant	Hypothesis	3.155	.039
Device * Method	Hypothesis	6.498	.028
Device * Size	Hypothesis	.884	.429
Device * Participant	Hypothesis	3.055	.086
Method * Size	Hypothesis	1.408	.266
Method * Participant	Hypothesis	2.338	.257
Size * Participant	Hypothesis	1.020	.555

Tests of Between-Subjects Effects

Dependent Variable:ARTOffsetforDeviceMethod

Source		Type III Sum of Squares	df	Mean Square
Device * Method * Size	Hypothesis	1346029.891	2	673014.946
	Error	2741266.954	16.067	170611.152 [l]
Device * Method * Participant	Hypothesis	2040255.346	10	204025.535
	Error	2738182.911	16.005	171082.363 [m]
Device * Size * Participant	Hypothesis	4124647.677	20	206232.384
	Error	2734676.184	15.934	171629.887 [n]
Method * Size * Participant	Hypothesis	2408268.713	21	114679.463
	Error	2736286.456	15.966	171376.879 [o]
Device * Method * Size * Participant	Hypothesis	2737933.693	16	171120.856
	Error	7.405E7	1049	70589.169 [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:ARTOffsetforDeviceMethod

Source		F	Sig.
Device * Method * Size	Hypothesis	3.945	.040
Device * Method * Participant	Hypothesis	1.193	.364
Device * Size * Participant	Hypothesis	1.202	.359
Method * Size * Participant	Hypothesis	.669	.808
Device * Method * Size * Participant	Hypothesis	2.424	.001

Tests of Between-Subjects Effects

Dependent Variable:ARTOffsetforDeviceSize

Source		Type III Sum of Squares	df	Mean Square
Intercept	Hypothesis	3.786E8	1	3.786E8
	Error	3.040E7	11.058	2.750E6
Device	Hypothesis	3865583.583	1	3865583.583
	Error	7265712.948	10.126	717530.564 [b]
Method	Hypothesis	1099186.712	1	1099186.712
	Error	3869869.069	11.377	340156.239 [c]
Size	Hypothesis	1035822.454	2	517911.227
	Error	3917706.953	22.726	172391.323 [d]
Participant	Hypothesis	3.064E7	11	2785810.108
	Error	1.062E7	11.334	937332.541 [e]
Device * Method	Hypothesis	414787.839	1	414787.839
	Error	2062762.380	10.498	196492.878 [f]
Device * Size	Hypothesis	2244651.018	2	1122325.509
	Error	3467385.161	19.965	173676.094 [g]
Device * Participant	Hypothesis	7304991.341	10	730499.134
	Error	869960.525	4.481	194145.778 [h]
Method * Size	Hypothesis	323451.490	2	161725.745
	Error	2825861.591	21.330	132483.610 [i]
Method * Participant	Hypothesis	3790004.078	11	344545.825
	Error	493695.059	3.236	152563.059 [j]
Size * Participant	Hypothesis	3807607.015	22	173073.046
	Error	440237.519	3.443	127852.102 [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:ARTOffsetforDeviceSize

Source		F	Sig.
Intercept	Hypothesis	137.704	.000
Device	Hypothesis	5.387	.042
Method	Hypothesis	3.231	.099
Size	Hypothesis	3.004	.070
Participant	Hypothesis	2.972	.040
Device * Method	Hypothesis	2.111	.175
Device * Size	Hypothesis	6.462	.007
Device * Participant	Hypothesis	3.763	.092
Method * Size	Hypothesis	1.221	.315
Method * Participant	Hypothesis	2.258	.260
Size * Participant	Hypothesis	1.354	.443

Tests of Between-Subjects Effects

Dependent Variable:ARTOffsetforDeviceSize

Source		Type III Sum of Squares	df	Mean Square
Device * Method * Size	Hypothesis	1354319.475	2	677159.738
	Error	2844539.889	16.064	177076.279[l]
Device * Method * Participant	Hypothesis	1966384.727	10	196638.473
	Error	2842177.142	16.005	177582.790[m]
Device * Size * Participant	Hypothesis	3488324.036	20	174416.202
	Error	2839503.576	15.937	178171.332[n]
Method * Size * Participant	Hypothesis	2789633.891	21	132839.709
	Error	2840729.503	15.968	177899.370[o]
Device * Method * Size * Participant	Hypothesis	2841986.671	16	177624.167
	Error	7.297E7	1049	69561.211[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:ARTOffsetforDeviceSize

Source		F	Sig.
Device * Method * Size	Hypothesis	3.824	.044
Device * Method * Participant	Hypothesis	1.107	.413
Device * Size * Participant	Hypothesis	.979	.525
Method * Size * Participant	Hypothesis	.747	.738
Device * Method * Size * Participant	Hypothesis	2.553	.001

Tests of Between-Subjects Effects

Dependent Variable:ARTOffsetforMethodSize

Source		Type III Sum of Squares	df	Mean Square
Intercept	Hypothesis	3.790E8	1	3.790E8
	Error	3.118E7	11.057	2.820E6
Device	Hypothesis	3415702.076	1	3415702.076
	Error	7540882.142	10.121	745060.182 [b]
Method	Hypothesis	1110087.049	1	1110087.049
	Error	3866174.858	11.377	339834.906 [c]
Size	Hypothesis	398145.501	2	199072.751
	Error	3514035.824	22.831	153911.909 [d]
Participant	Hypothesis	3.143E7	11	2857190.478
	Error	9048223.905	9.965	907970.920 [e]
Device * Method	Hypothesis	448749.268	1	448749.268
	Error	2226975.162	10.448	213138.619 [f]
Device * Size	Hypothesis	372989.007	2	186494.503
	Error	4115081.650	19.975	206011.349 [g]
Device * Participant	Hypothesis	7587079.392	10	758707.939
	Error	1584965.025	6.356	249354.654 [h]
Method * Size	Hypothesis	58116.170	2	29058.085
	Error	2478716.119	21.379	115939.130 [i]
Method * Participant	Hypothesis	3786437.621	11	344221.602
	Error	504410.271	3.212	157053.221 [j]
Size * Participant	Hypothesis	3391508.121	22	154159.460
	Error	628708.434	4.259	147618.661 [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:ARTOffsetforMethodSize

Source		F	Sig.
Intercept	Hypothesis	134.381	.000
Device	Hypothesis	4.584	.058
Method	Hypothesis	3.267	.097
Size	Hypothesis	1.293	.294
Participant	Hypothesis	3.147	.041
Device * Method	Hypothesis	2.105	.176
Device * Size	Hypothesis	.905	.420
Device * Participant	Hypothesis	3.043	.087
Method * Size	Hypothesis	.251	.781
Method * Participant	Hypothesis	2.192	.270
Size * Participant	Hypothesis	1.044	.546

Tests of Between-Subjects Effects

Dependent Variable:ARTOffsetforMethodSize

Source		Type III Sum of Squares	df	Mean Square
Device * Method * Size	Hypothesis	1295965.981	2	647982.991
	Error	2793377.509	16.067	173859.515[l]
Device * Method * Participant	Hypothesis	2138086.327	10	213808.633
	Error	2790348.442	16.005	174342.064[m]
Device * Size * Participant	Hypothesis	4136722.961	20	206836.148
	Error	2786905.966	15.934	174902.762[n]
Method * Size * Participant	Hypothesis	2438428.242	21	116115.631
	Error	2788486.498	15.967	174643.666[o]
Device * Method * Size * Participant	Hypothesis	2790103.728	16	174381.483
	Error	7.493E7	1049	71430.921[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:ARTOffsetforMethodSize

Source		F	Sig.
Device * Method * Size	Hypothesis	3.727	.047
Device * Method * Participant	Hypothesis	1.226	.345
Device * Size * Participant	Hypothesis	1.183	.371
Method * Size * Participant	Hypothesis	.665	.812
Device * Method * Size * Participant	Hypothesis	2.441	.001

Tests of Between-Subjects Effects

Dependent Variable:ARTOffsetforDeviceMethodSize

Source		Type III Sum of Squares	df	Mean Square
Intercept	Hypothesis	3.792E8	1	3.792E8
	Error	3.135E7	11.056	2.836E6
Device	Hypothesis	3359467.483	1	3359467.483
	Error	7314438.454	10.124	722506.825 [b]
Method	Hypothesis	1248820.922	1	1248820.922
	Error	3915637.099	11.362	344621.040 [c]
Size	Hypothesis	393394.970	2	196697.485
	Error	3466293.646	22.842	151752.275 [d]
Participant	Hypothesis	3.161E7	11	2873635.328
	Error	9189185.044	10.229	898380.097 [e]
Device * Method	Hypothesis	488721.824	1	488721.824
	Error	2107807.506	10.472	201276.339 [f]
Device * Size	Hypothesis	378299.539	2	189149.769
	Error	4146953.651	19.976	207596.266 [g]
Device * Participant	Hypothesis	7356494.554	10	735649.455
	Error	1487664.403	6.217	239286.287 [h]
Method * Size	Hypothesis	247379.037	2	123689.519
	Error	2468268.449	21.380	115447.809 [i]
Method * Participant	Hypothesis	3842225.460	11	349293.224
	Error	430574.633	2.967	145133.612 [j]
Size * Participant	Hypothesis	3343159.307	22	151961.787
	Error	659357.170	4.396	149987.078 [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:ARTOffsetforDeviceMethodSize

Source		F	Sig.
Intercept	Hypothesis	133.707	.000
Device	Hypothesis	4.650	.056
Method	Hypothesis	3.624	.083
Size	Hypothesis	1.296	.293
Participant	Hypothesis	3.199	.037
Device * Method	Hypothesis	2.428	.149
Device * Size	Hypothesis	.911	.418
Device * Participant	Hypothesis	3.074	.087
Method * Size	Hypothesis	1.071	.360
Method * Participant	Hypothesis	2.407	.257
Size * Participant	Hypothesis	1.013	.559

Tests of Between-Subjects Effects

Dependent Variable:ARTOffsetforDeviceMethodSize

Source		Type III Sum of Squares	df	Mean Square
Device * Method * Size	Hypothesis	620240.692	2	310120.346
	Error	2774893.197	16.067	172703.982 [l]
Device * Method * Participant	Hypothesis	2016764.654	10	201676.465
	Error	2771771.263	16.005	173180.971 [m]
Device * Size * Participant	Hypothesis	4168441.723	20	208422.086
	Error	2768221.453	15.934	173735.210 [n]
Method * Size * Participant	Hypothesis	2428067.144	21	115622.245
	Error	2769851.508	15.966	173479.099 [o]
Device * Method * Size * Participant	Hypothesis	2771518.984	16	173219.936
	Error	7.496E7	1049	71455.322 [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:ARTOffsetforDeviceMethodSize

Source		F	Sig.
Device * Method * Size	Hypothesis	1.796	.198
Device * Method * Participant	Hypothesis	1.165	.379
Device * Size * Participant	Hypothesis	1.200	.360
Method * Size * Participant	Hypothesis	.666	.810
Device * Method * Size * Participant	Hypothesis	2.424	.001