```
 SPLIT FILE OFF.
*P2p with Covar Full Model.
MIXED Numeric_Component BY Session Hemisphere Prime Target WITH Visual_Comp
onent
  /CRITERIA=CIN(95) MXITER(100) MXSTEP(10) SCORING(1) SINGULAR(0.0000000000
01) HCONVERGE(0,
    ABSOLUTE) LCONVERGE(0, ABSOLUTE) PCONVERGE(0.000001, ABSOLUTE)
  /FIXED=Session Hemisphere Prime Target Session*Hemisphere Session*Prime S
ession*Target
    Hemisphere*Prime Hemisphere*Target Prime*Target Session*Hemisphere*Prim
e Session*Hemisphere*Target
    Session*Prime*Target Hemisphere*Prime*Target Session*Hemisphere*Prime*T
arget Visual_Component Session*Visual_Component
    Hemisphere*Visual_Component Prime*Visual_Component Target*Visual_Compon
ent Session*Hemisphere*Visual_Component Session*Prime*Visual_Component
    Session*Target*Visual_Component Hemisphere*Prime*Visual_Component Hemis
phere*Target*Visual_Component Prime*Target*Visual_Component
    Session*Hemisphere*Prime*Visual_Component Session*Hemisphere*Target*Vis
ual_Component Session*Prime*Target*Visual_Component
    Hemisphere*Prime*Target*Visual_Component Session*Hemisphere*Prime*Targe
t*Visual_Component | SSTYPE(3)
  /METHOD=ML
  /PRINT=SOLUTION
  /REPEATED=Session*Hemisphere*Prime*Target | SUBJECT(PP) COVTYPE(CSH).
```

Mixed Model Analysis

Model Dimension[a]

		Number of Levels	Covariance Structure	Number of Parameters
Fixed Effects	Intercept	1		1
	Session	2		1
	Hemisphere	2		1
	Prime	2		1
	Target	2		1
	Session * Hemisphere	4		1
	Session * Prime	4		1
	Session * Target	4		1
	Hemisphere * Prime	4		1
	Hemisphere * Target	4		1
	Prime * Target	4		1
	Session * Hemisphere * Prime	8		1
	Session * Hemisphere * Target	8		1
	Session * Prime * Target	8		1
	Hemisphere * Prime * Target	8		1
	Session * Hemisphere * Prime * Target	16		1
	Visual_Component	1		1
	Session * Visual_Component	2		1
	Hemisphere * Visual_Component	2		1
	Prime * Visual_Component	2		1
	Target * Visual_Component	2		1
	Session * Hemisphere * Visual_Component	4		1
	Session * Prime * Visual_Component	4		1
	Session * Target * Visual_Component	4		1
	Hemisphere * Prime * Visual_Component	4		1
	Hemisphere * Target * Visual_Component	4		1
	Prime * Target * Visual_Component	4		1

Model Dimension[a]

		Subject Variables	Number of Subjects
Fixed Effects	Intercept		
	Session		
	Hemisphere		
	Prime		
	Target		
	Session * Hemisphere		
	Session * Prime		
	Session * Target		
	Hemisphere * Prime		
	Hemisphere * Target		
	Prime * Target		
	Session * Hemisphere * Prime		
	Session * Hemisphere * Target		
	Session * Prime * Target		
	Hemisphere * Prime * Target		
	Session * Hemisphere * Prime * Target		
	Visual_Component		
	Session * Visual_Component		
	Hemisphere * Visual_Component		
	Prime * Visual_Component		
	Target * Visual_Component		
	Session * Hemisphere * Visual_Component		
	Session * Prime * Visual_Component		
	Session * Target * Visual_Component		
	Hemisphere * Prime * Visual_Component		
	Hemisphere * Target * Visual_Component		
	Prime * Target * Visual_Component		

Model Dimension^a

		Number of Levels	Covariance Structure	Number of Parameters
	Session * Hemisphere * Prime * Visual_Component	8		1
	Session * Hemisphere * Target * Visual_Component	8		1
	Session * Prime * Target * Visual_Component	8		1
	Hemisphere * Prime * Target * Visual_Component	8		1
	Session * Hemisphere * Prime * Target * Visual_Component	16		1
Repeated Effects	Session * Hemisphere * Prime * Target	16	Heterogeneou s Compound Symmetry	17
Total		178		49

Model Dimension^a

		Subject Variables	Number of Subjects
	Session * Hemisphere * Prime * Visual_Component		
	Session * Hemisphere * Target * Visual_Component		
	Session * Prime * Target * Visual_Component		
	Hemisphere * Prime * Target * Visual_Component		
	Session * Hemisphere * Prime * Target * Visual_Component		
Repeated Effects	Session * Hemisphere * Prime * Target	PP	25
Total			

a. Dependent Variable: Numeric_Component.

Information Criteria^a

-2 Log Likelihood	1102,697
Akaike's Information Criterion (AIC)	1200,697
Hurvich and Tsai's Criterion (AICC)	1214,697
Bozdogan's Criterion (CAIC)	1445,279
Schwarz's Bayesian Criterion (BIC)	1396,279

The information criteria are displayed in smaller-is-better form.

a. Dependent Variable: Numeric_Component.

Fixed Effects

Type III Tests of Fixed Effects^a

Source	Numerator df	Denominator df	F	Sig.
Intercept	1	220,368	259,867	,000
Session	1	218,002	,332	,565
Hemisphere	1	215,973	2,266	,134
Prime	1	216,561	1,522	,219
Target	1	216,671	4,697	,031
Session * Hemisphere	1	218,022	,000	,985
Session * Prime	1	220,130	2,031	,155
Session * Target	1	220,538	,127	,722
Hemisphere * Prime	1	219,593	,073	,788
Hemisphere * Target	1	215,924	,098	,755
Prime * Target	1	217,693	2,758	,098
Session * Hemisphere * Prime	1	216,901	,470	,494
Session * Hemisphere * Target	1	216,682	,312	,577
Session * Prime * Target	1	217,178	,292	,589
Hemisphere * Prime * Target	1	215,521	,224	,636
Session * Hemisphere * Prime * Target	1	218,239	,041	,839
Visual_Component	1	346,956	48,803	,000

Type III Tests of Fixed Effects^a

Source	Numerator df	Denominator df	F	Sig.
Session * Visual_Component	1	349,113	,107	,744
Hemisphere * Visual_Component	1	344,939	9,010	,003
Prime * Visual_Component	1	346,386	,465	,496
Target * Visual_Component	1	346,514	3,589	,059
Session * Hemisphere * Visual_Component	1	349,123	,031	,861
Session * Prime * Visual_Component	1	352,173	1,615	,205
Session * Target * Visual_Component	1	350,657	,002	,961
Hemisphere * Prime * Visual_Component	1	350,384	,264	,608
Hemisphere * Target * Visual_Component	1	345,944	,349	,555
Prime * Target * Visual_Component	1	348,877	2,920	,088
Session * Hemisphere * Prime * Visual_Component	1	347,343	,137	,711
Session * Hemisphere * Target * Visual_Component	1	347,909	,958	,328
Session * Prime * Target * Visual_Component	1	346,606	,045	,832
Hemisphere * Prime * Target * Visual_Component	1	345,389	,179	,672
Session * Hemisphere * Prime * Target * Visual_Component	1	351,164	,059	,809

a. Dependent Variable: Numeric_Component.

Estimates of Fixed Effects[a]

Parameter	Estimate	Std. Error	df	t	Sig.	95% ... Lower Bound
Intercept	4,074461	,849089	25,017	4,799	,000	2,325788
[Session=1]	,880579	,993070	41,295	,887	,380	-1,124531
[Session=3]	0[b]	0	.	.	.	.
[Hemisphere=0]	1,541145	1,160402	50,028	1,328	,190	-,789558
[Hemisphere=1]	0[b]	0	.	.	.	.
[Prime=0]	,136401	1,951609	36,148	,070	,945	-3,821083
[Prime=1]	0[b]	0	.	.	.	.
[Target=0]	,844344	1,190141	49,376	,709	,481	-1,546874
[Target=1]	0[b]	0	.	.	.	.
[Session=1] * [Hemisphere=0]	-,145912	1,723080	79,333	-,085	,933	-3,575392
[Session=1] * [Hemisphere=1]	0[b]	0	.	.	.	.
[Session=3] * [Hemisphere=0]	0[b]	0	.	.	.	.
[Session=3] * [Hemisphere=1]	0[b]	0	.	.	.	.
[Session=1] * [Prime=0]	-,597423	2,252095	57,851	-,265	,792	-5,105729
[Session=1] * [Prime=1]	0[b]	0	.	.	.	.
[Session=3] * [Prime=0]	0[b]	0	.	.	.	.
[Session=3] * [Prime=1]	0[b]	0	.	.	.	.
[Session=1] * [Target=0]	,193012	1,761735	78,240	,110	,913	-3,314165
[Session=1] * [Target=1]	0[b]	0	.	.	.	.
[Session=3] * [Target=0]	0[b]	0	.	.	.	.
[Session=3] * [Target=1]	0[b]	0	.	.	.	.
[Hemisphere=0] * [Prime=0]	,402580	2,581341	72,435	,156	,877	-4,742702
[Hemisphere=0] * [Prime=1]	0[b]	0	.	.	.	.
[Hemisphere=1] * [Prime=0]	0[b]	0	.	.	.	.
[Hemisphere=1] * [Prime=1]	0[b]	0	.	.	.	.
[Hemisphere=0] * [Target=0]	-2,257842	1,878175	86,036	-1,202	,233	-5,991509
[Hemisphere=0] * [Target=1]	0[b]	0	.	.	.	.
[Hemisphere=1] * [Target=0]	0[b]	0	.	.	.	.

Estimates of Fixed Effects^a

Parameter	95% Confidence Upper Bound
Intercept	5,823133
[Session=1]	2,885689
[Session=3]	.
[Hemisphere=0]	3,871848
[Hemisphere=1]	.
[Prime=0]	4,093885
[Prime=1]	.
[Target=0]	3,235561
[Target=1]	.
[Session=1] * [Hemisphere=0]	3,283569
[Session=1] * [Hemisphere=1]	.
[Session=3] * [Hemisphere=0]	.
[Session=3] * [Hemisphere=1]	.
[Session=1] * [Prime=0]	3,910883
[Session=1] * [Prime=1]	.
[Session=3] * [Prime=0]	.
[Session=3] * [Prime=1]	.
[Session=1] * [Target=0]	3,700189
[Session=1] * [Target=1]	.
[Session=3] * [Target=0]	.
[Session=3] * [Target=1]	.
[Hemisphere=0] * [Prime=0]	5,547862
[Hemisphere=0] * [Prime=1]	.
[Hemisphere=1] * [Prime=0]	.
[Hemisphere=1] * [Prime=1]	.
[Hemisphere=0] * [Target=0]	1,475824
[Hemisphere=0] * [Target=1]	.
[Hemisphere=1] * [Target=0]	.

Estimates of Fixed Effects[a]

Parameter	Estimate	Std. Error	df	t	Sig.	95% ...
						Lower Bound
[Hemisphere=1] * [Target=1]	0[b]	0	.	.	.	.
[Prime=0] * [Target=0]	2,211029	2,948454	67,955	,750	,456	-3,672589
[Prime=0] * [Target=1]	0[b]	0	.	.	.	.
[Prime=1] * [Target=0]	0[b]	0	.	.	.	.
[Prime=1] * [Target=1]	0[b]	0	.	.	.	.
[Session=1] * [Hemisphere=0] * [Prime=0]	-1,396235	3,329265	142,842	-,419	,676	-7,977229
[Session=1] * [Hemisphere=0] * [Prime=1]	0[b]	0	.	.	.	.
[Session=1] * [Hemisphere=1] * [Prime=0]	0[b]	0	.	.	.	.
[Session=1] * [Hemisphere=1] * [Prime=1]	0[b]	0	.	.	.	.
[Session=3] * [Hemisphere=0] * [Prime=0]	0[b]	0	.	.	.	.
[Session=3] * [Hemisphere=0] * [Prime=1]	0[b]	0	.	.	.	.
[Session=3] * [Hemisphere=1] * [Prime=0]	0[b]	0	.	.	.	.
[Session=3] * [Hemisphere=1] * [Prime=1]	0[b]	0	.	.	.	.
[Session=1] * [Hemisphere=0] * [Target=0]	2,227904	2,679807	164,438	,831	,407	-3,063364
[Session=1] * [Hemisphere=0] * [Target=1]	0[b]	0	.	.	.	.
[Session=1] * [Hemisphere=1] * [Target=0]	0[b]	0	.	.	.	.
[Session=1] * [Hemisphere=1] * [Target=1]	0[b]	0	.	.	.	.

Estimates of Fixed Effects[a]

Parameter	95% Confidence Upper Bound
[Hemisphere=1] * [Target=1]	.
[Prime=0] * [Target=0]	8,094647
[Prime=0] * [Target=1]	.
[Prime=1] * [Target=0]	.
[Prime=1] * [Target=1]	.
[Session=1] * [Hemisphere=0] * [Prime=0]	5,184759
[Session=1] * [Hemisphere=0] * [Prime=1]	.
[Session=1] * [Hemisphere=1] * [Prime=0]	.
[Session=1] * [Hemisphere=1] * [Prime=1]	.
[Session=3] * [Hemisphere=0] * [Prime=0]	.
[Session=3] * [Hemisphere=0] * [Prime=1]	.
[Session=3] * [Hemisphere=1] * [Prime=0]	.
[Session=3] * [Hemisphere=1] * [Prime=1]	.
[Session=1] * [Hemisphere=0] * [Target=0]	7,519171
[Session=1] * [Hemisphere=0] * [Target=1]	.
[Session=1] * [Hemisphere=1] * [Target=0]	.
[Session=1] * [Hemisphere=1] * [Target=1]	.

Estimates of Fixed Effects[a]

Parameter	Estimate	Std. Error	df	t	Sig.	95% ...
						Lower Bound
[Session=3] * [Hemisphere=0] * [Target=0]	0[b]	0	.	.	.	.
[Session=3] * [Hemisphere=0] * [Target=1]	0[b]	0	.	.	.	.
[Session=3] * [Hemisphere=1] * [Target=0]	0[b]	0	.	.	.	.
[Session=3] * [Hemisphere=1] * [Target=1]	0[b]	0	.	.	.	.
[Session=1] * [Prime=0] * [Target=0]	-,976056	3,667229	128,011	-,266	,791	-8,232290
[Session=1] * [Prime=0] * [Target=1]	0[b]	0	.	.	.	.
[Session=1] * [Prime=1] * [Target=0]	0[b]	0	.	.	.	.
[Session=1] * [Prime=1] * [Target=1]	0[b]	0	.	.	.	.
[Session=3] * [Prime=0] * [Target=0]	0[b]	0	.	.	.	.
[Session=3] * [Prime=0] * [Target=1]	0[b]	0	.	.	.	.
[Session=3] * [Prime=1] * [Target=0]	0[b]	0	.	.	.	.
[Session=3] * [Prime=1] * [Target=1]	0[b]	0	.	.	.	.
[Hemisphere=0] * [Prime=0] * [Target=0]	1,973286	4,613991	111,457	,428	,670	-7,169233
[Hemisphere=0] * [Prime=0] * [Target=1]	0[b]	0	.	.	.	.
[Hemisphere=0] * [Prime=1] * [Target=0]	0[b]	0	.	.	.	.
[Hemisphere=0] * [Prime=1] * [Target=1]	0[b]	0	.	.	.	.
[Hemisphere=1] * [Prime=0] * [Target=0]	0[b]	0	.	.	.	.
[Hemisphere=1] * [Prime=0] * [Target=1]	0[b]	0	.	.	.	.
[Hemisphere=1] * [Prime=1] * [Target=0]	0[b]	0	.	.	.	.

Estimates of Fixed Effects[a]

Parameter	95% Confidence Upper Bound
[Session=3] * [Hemisphere=0] * [Target=0]	.
[Session=3] * [Hemisphere=0] * [Target=1]	.
[Session=3] * [Hemisphere=1] * [Target=0]	.
[Session=3] * [Hemisphere=1] * [Target=1]	.
[Session=1] * [Prime=0] * [Target=0]	6,280178
[Session=1] * [Prime=0] * [Target=1]	.
[Session=1] * [Prime=1] * [Target=0]	.
[Session=1] * [Prime=1] * [Target=1]	.
[Session=3] * [Prime=0] * [Target=0]	.
[Session=3] * [Prime=0] * [Target=1]	.
[Session=3] * [Prime=1] * [Target=0]	.
[Session=3] * [Prime=1] * [Target=1]	.
[Hemisphere=0] * [Prime=0] * [Target=0]	11,115805
[Hemisphere=0] * [Prime=0] * [Target=1]	.
[Hemisphere=0] * [Prime=1] * [Target=0]	.
[Hemisphere=0] * [Prime=1] * [Target=1]	.
[Hemisphere=1] * [Prime=0] * [Target=0]	.
[Hemisphere=1] * [Prime=0] * [Target=1]	.
[Hemisphere=1] * [Prime=1] * [Target=0]	.

Estimates of Fixed Effects^a

Parameter	Estimate	Std. Error	df	t	Sig.	95% ... Lower Bound
[Hemisphere=1] * [Prime=1] * [Target=1]	0^b	0	.	.	.	.
[Session=1] * [Hemisphere=0] * [Prime=0] * [Target=0]	-1,192077	5,861042	218,239	-,203	,839	-12,743566
[Session=1] * [Hemisphere=0] * [Prime=0] * [Target=1]	0^b	0	.	.	.	.
[Session=1] * [Hemisphere=0] * [Prime=1] * [Target=0]	0^b	0	.	.	.	.
[Session=1] * [Hemisphere=0] * [Prime=1] * [Target=1]	0^b	0	.	.	.	.
[Session=1] * [Hemisphere=1] * [Prime=0] * [Target=0]	0^b	0	.	.	.	.
[Session=1] * [Hemisphere=1] * [Prime=0] * [Target=1]	0^b	0	.	.	.	.
[Session=1] * [Hemisphere=1] * [Prime=1] * [Target=0]	0^b	0	.	.	.	.
[Session=1] * [Hemisphere=1] * [Prime=1] * [Target=1]	0^b	0	.	.	.	.
[Session=3] * [Hemisphere=0] * [Prime=0] * [Target=0]	0^b	0	.	.	.	.
[Session=3] * [Hemisphere=0] * [Prime=0] * [Target=1]	0^b	0	.	.	.	.
[Session=3] * [Hemisphere=0] * [Prime=1] * [Target=0]	0^b	0	.	.	.	.
[Session=3] * [Hemisphere=0] * [Prime=1] * [Target=1]	0^b	0	.	.	.	.
[Session=3] * [Hemisphere=1] * [Prime=0] * [Target=0]	0^b	0	.	.	.	.
[Session=3] * [Hemisphere=1] * [Prime=0] * [Target=1]	0^b	0	.	.	.	.

Estimates of Fixed Effects[a]

Parameter	95% Confidence
	Upper Bound
[Hemisphere=1] * [Prime=1] * [Target=1]	.
[Session=1] * [Hemisphere=0] * [Prime=0] * [Target=0]	10,359413
[Session=1] * [Hemisphere=0] * [Prime=0] * [Target=1]	.
[Session=1] * [Hemisphere=0] * [Prime=1] * [Target=0]	.
[Session=1] * [Hemisphere=0] * [Prime=1] * [Target=1]	.
[Session=1] * [Hemisphere=1] * [Prime=0] * [Target=0]	.
[Session=1] * [Hemisphere=1] * [Prime=0] * [Target=1]	.
[Session=1] * [Hemisphere=1] * [Prime=1] * [Target=0]	.
[Session=1] * [Hemisphere=1] * [Prime=1] * [Target=1]	.
[Session=3] * [Hemisphere=0] * [Prime=0] * [Target=0]	.
[Session=3] * [Hemisphere=0] * [Prime=0] * [Target=1]	.
[Session=3] * [Hemisphere=0] * [Prime=1] * [Target=0]	.
[Session=3] * [Hemisphere=0] * [Prime=1] * [Target=1]	.
[Session=3] * [Hemisphere=1] * [Prime=0] * [Target=0]	.
[Session=3] * [Hemisphere=1] * [Prime=0] * [Target=1]	.

Estimates of Fixed Effects[a]

Parameter	Estimate	Std. Error	df	t	Sig.	95% ...
						Lower Bound
[Session=3] * [Hemisphere=1] * [Prime=1] * [Target=0]	0[b]	0	.	.	.	.
[Session=3] * [Hemisphere=1] * [Prime=1] * [Target=1]	0[b]	0	.	.	.	.
Visual_Component	-,113961	,397839	25,016	-,286	,777	-,933298
[Session=1] * Visual_Component	,527061	,463993	40,981	1,136	,263	-,410006
[Session=3] * Visual_Component	0[b]	0	.	.	.	.
[Hemisphere=0] * Visual_Component	1,046579	,509502	47,892	2,054	,045	,022096
[Hemisphere=1] * Visual_Component	0[b]	0	.	.	.	.
[Prime=0] * Visual_Component	,239872	,599017	49,372	,400	,691	-,963669
[Prime=1] * Visual_Component	0[b]	0	.	.	.	.
[Target=0] * Visual_Component	,487189	,497565	46,163	,979	,333	-,514261
[Target=1] * Visual_Component	0[b]	0	.	.	.	.
[Session=1] * [Hemisphere=0] * Visual_Component	-,387683	,701568	88,184	-,553	,582	-1,781861
[Session=1] * [Hemisphere=1] * Visual_Component	0[b]	0	.	.	.	.
[Session=3] * [Hemisphere=0] * Visual_Component	0[b]	0	.	.	.	.
[Session=3] * [Hemisphere=1] * Visual_Component	0[b]	0	.	.	.	.
[Session=1] * [Prime=0] * Visual_Component	-,513432	,755957	88,217	-,679	,499	-2,015687
[Session=1] * [Prime=1] * Visual_Component	0[b]	0	.	.	.	.
[Session=3] * [Prime=0] * Visual_Component	0[b]	0	.	.	.	.
[Session=3] * [Prime=1] * Visual_Component	0[b]	0	.	.	.	.

Estimates of Fixed Effects[a]

Parameter	95% Confidence
	Upper Bound
[Session=3] * [Hemisphere=1] * [Prime=1] * [Target=0]	.
[Session=3] * [Hemisphere=1] * [Prime=1] * [Target=1]	.
Visual_Component	,705376
[Session=1] * Visual_Component	1,464127
[Session=3] * Visual_Component	.
[Hemisphere=0] * Visual_Component	2,071061
[Hemisphere=1] * Visual_Component	.
[Prime=0] * Visual_Component	1,443414
[Prime=1] * Visual_Component	.
[Target=0] * Visual_Component	1,488640
[Target=1] * Visual_Component	.
[Session=1] * [Hemisphere=0] * Visual_Component	1,006495
[Session=1] * [Hemisphere=1] * Visual_Component	.
[Session=3] * [Hemisphere=0] * Visual_Component	.
[Session=3] * [Hemisphere=1] * Visual_Component	.
[Session=1] * [Prime=0] * Visual_Component	,988822
[Session=1] * [Prime=1] * Visual_Component	.
[Session=3] * [Prime=0] * Visual_Component	.
[Session=3] * [Prime=1] * Visual_Component	.

Estimates of Fixed Effects[a]

Parameter	Estimate	Std. Error	df	t	Sig.	95% ... Lower Bound
[Session=1] * [Target=0] * Visual_Component	-,523155	,656905	89,102	-,796	,428	-1,828390
[Session=1] * [Target=1] * Visual_Component	0[b]	0	.	.	.	.
[Session=3] * [Target=0] * Visual_Component	0[b]	0	.	.	.	.
[Session=3] * [Target=1] * Visual_Component	0[b]	0	.	.	.	.
[Hemisphere=0] * [Prime=0] * Visual_Component	-,305801	,766901	94,417	-,399	,691	-1,828414
[Hemisphere=0] * [Prime=1] * Visual_Component	0[b]	0	.	.	.	.
[Hemisphere=1] * [Prime=0] * Visual_Component	0[b]	0	.	.	.	.
[Hemisphere=1] * [Prime=1] * Visual_Component	0[b]	0	.	.	.	.
[Hemisphere=0] * [Target=0] * Visual_Component	-,843048	,695040	95,187	-1,213	,228	-2,222842
[Hemisphere=0] * [Target=1] * Visual_Component	0[b]	0	.	.	.	.
[Hemisphere=1] * [Target=0] * Visual_Component	0[b]	0	.	.	.	.
[Hemisphere=1] * [Target=1] * Visual_Component	0[b]	0	.	.	.	.
[Prime=0] * [Target=0] * Visual_Component	,313239	,774458	93,761	,404	,687	-1,224517
[Prime=0] * [Target=1] * Visual_Component	0[b]	0	.	.	.	.
[Prime=1] * [Target=0] * Visual_Component	0[b]	0	.	.	.	.
[Prime=1] * [Target=1] * Visual_Component	0[b]	0	.	.	.	.

Estimates of Fixed Effects^a

Parameter	95% Confidence
	Upper Bound
[Session=1] * [Target=0] * Visual_Component	,782080
[Session=1] * [Target=1] * Visual_Component	.
[Session=3] * [Target=0] * Visual_Component	.
[Session=3] * [Target=1] * Visual_Component	.
[Hemisphere=0] * [Prime=0] * Visual_Component	1,216811
[Hemisphere=0] * [Prime=1] * Visual_Component	.
[Hemisphere=1] * [Prime=0] * Visual_Component	.
[Hemisphere=1] * [Prime=1] * Visual_Component	.
[Hemisphere=0] * [Target=0] * Visual_Component	,536745
[Hemisphere=0] * [Target=1] * Visual_Component	.
[Hemisphere=1] * [Target=0] * Visual_Component	.
[Hemisphere=1] * [Target=1] * Visual_Component	.
[Prime=0] * [Target=0] * Visual_Component	1,850994
[Prime=0] * [Target=1] * Visual_Component	.
[Prime=1] * [Target=0] * Visual_Component	.
[Prime=1] * [Target=1] * Visual_Component	.

Estimates of Fixed Effects[a]

Parameter	Estimate	Std. Error	df	t	Sig.	95% ...
						Lower Bound
[Session=1] * [Hemisphere=0] * [Prime=0] * Visual_Component	-,095757	1,064423	184,440	-,090	,928	-2,195768
[Session=1] * [Hemisphere=0] * [Prime=1] * Visual_Component	0[b]	0	.	.	.	.
[Session=1] * [Hemisphere=1] * [Prime=0] * Visual_Component	0[b]	0	.	.	.	.
[Session=1] * [Hemisphere=1] * [Prime=1] * Visual_Component	0[b]	0	.	.	.	.
[Session=3] * [Hemisphere=0] * [Prime=0] * Visual_Component	0[b]	0	.	.	.	.
[Session=3] * [Hemisphere=0] * [Prime=1] * Visual_Component	0[b]	0	.	.	.	.
[Session=3] * [Hemisphere=1] * [Prime=0] * Visual_Component	0[b]	0	.	.	.	.
[Session=3] * [Hemisphere=1] * [Prime=1] * Visual_Component	0[b]	0	.	.	.	.
[Session=1] * [Hemisphere=0] * [Target=0] * Visual_Component	,922895	,945328	176,176	,976	,330	-,942730
[Session=1] * [Hemisphere=0] * [Target=1] * Visual_Component	0[b]	0	.	.	.	.
[Session=1] * [Hemisphere=1] * [Target=0] * Visual_Component	0[b]	0	.	.	.	.

Estimates of Fixed Effects^a

Parameter	95% Confidence
	Upper Bound
[Session=1] * [Hemisphere=0] * [Prime=0] * Visual_Component	2,004254
[Session=1] * [Hemisphere=0] * [Prime=1] * Visual_Component	.
[Session=1] * [Hemisphere=1] * [Prime=0] * Visual_Component	.
[Session=1] * [Hemisphere=1] * [Prime=1] * Visual_Component	.
[Session=3] * [Hemisphere=0] * [Prime=0] * Visual_Component	.
[Session=3] * [Hemisphere=0] * [Prime=1] * Visual_Component	.
[Session=3] * [Hemisphere=1] * [Prime=0] * Visual_Component	.
[Session=3] * [Hemisphere=1] * [Prime=1] * Visual_Component	.
[Session=1] * [Hemisphere=0] * [Target=0] * Visual_Component	2,788519
[Session=1] * [Hemisphere=0] * [Target=1] * Visual_Component	.
[Session=1] * [Hemisphere=1] * [Target=0] * Visual_Component	.

Estimates of Fixed Effects^a

Parameter	Estimate	Std. Error	df	t	Sig.	95% ...
						Lower Bound
[Session=1] * [Hemisphere=1] * [Target=1] * Visual_Component	0^b	0	.	.	.	.
[Session=3] * [Hemisphere=0] * [Target=0] * Visual_Component	0^b	0	.	.	.	.
[Session=3] * [Hemisphere=0] * [Target=1] * Visual_Component	0^b	0	.	.	.	.
[Session=3] * [Hemisphere=1] * [Target=0] * Visual_Component	0^b	0	.	.	.	.
[Session=3] * [Hemisphere=1] * [Target=1] * Visual_Component	0^b	0	.	.	.	.
[Session=1] * [Prime=0] * [Target=0] * Visual_Component	,343879	1,029024	182,495	,334	,739	-1,686435
[Session=1] * [Prime=0] * [Target=1] * Visual_Component	0^b	0	.	.	.	.
[Session=1] * [Prime=1] * [Target=0] * Visual_Component	0^b	0	.	.	.	.
[Session=1] * [Prime=1] * [Target=1] * Visual_Component	0^b	0	.	.	.	.
[Session=3] * [Prime=0] * [Target=0] * Visual_Component	0^b	0	.	.	.	.
[Session=3] * [Prime=0] * [Target=1] * Visual_Component	0^b	0	.	.	.	.
[Session=3] * [Prime=1] * [Target=0] * Visual_Component	0^b	0	.	.	.	.
[Session=3] * [Prime=1] * [Target=1] * Visual_Component	0^b	0	.	.	.	.

Estimates of Fixed Effects^a

Parameter	95% Confidence Upper Bound
[Session=1] * [Hemisphere=1] * [Target=1] * Visual_Component	.
[Session=3] * [Hemisphere=0] * [Target=0] * Visual_Component	.
[Session=3] * [Hemisphere=0] * [Target=1] * Visual_Component	.
[Session=3] * [Hemisphere=1] * [Target=0] * Visual_Component	.
[Session=3] * [Hemisphere=1] * [Target=1] * Visual_Component	.
[Session=1] * [Prime=0] * [Target=0] * Visual_Component	2,374193
[Session=1] * [Prime=0] * [Target=1] * Visual_Component	.
[Session=1] * [Prime=1] * [Target=0] * Visual_Component	.
[Session=1] * [Prime=1] * [Target=1] * Visual_Component	.
[Session=3] * [Prime=0] * [Target=0] * Visual_Component	.
[Session=3] * [Prime=0] * [Target=1] * Visual_Component	.
[Session=3] * [Prime=1] * [Target=0] * Visual_Component	.
[Session=3] * [Prime=1] * [Target=1] * Visual_Component	.

Estimates of Fixed Effects[a]

Parameter	Estimate	Std. Error	df	t	Sig.	95% ... Lower Bound
[Hemisphere=0] * [Prime=0] * [Target=0] * Visual_Component	,502124	1,103032	182,513	,455	,649	-1,674210
[Hemisphere=0] * [Prime=0] * [Target=1] * Visual_Component	0[b]	0	.	.	.	.
[Hemisphere=0] * [Prime=1] * [Target=0] * Visual_Component	0[b]	0	.	.	.	.
[Hemisphere=0] * [Prime=1] * [Target=1] * Visual_Component	0[b]	0	.	.	.	.
[Hemisphere=1] * [Prime=0] * [Target=0] * Visual_Component	0[b]	0	.	.	.	.
[Hemisphere=1] * [Prime=0] * [Target=1] * Visual_Component	0[b]	0	.	.	.	.
[Hemisphere=1] * [Prime=1] * [Target=0] * Visual_Component	0[b]	0	.	.	.	.
[Hemisphere=1] * [Prime=1] * [Target=1] * Visual_Component	0[b]	0	.	.	.	.
[Session=1] * [Hemisphere=0] * [Prime=0] * [Target=0] * Visual_Component	-,367495	1,518503	351,164	-,242	,809	-3,353998
[Session=1] * [Hemisphere=0] * [Prime=0] * [Target=1] * Visual_Component	0[b]	0	.	.	.	.
[Session=1] * [Hemisphere=0] * [Prime=1] * [Target=0] * Visual_Component	0[b]	0	.	.	.	.
[Session=1] * [Hemisphere=0] * [Prime=1] * [Target=1] * Visual_Component	0[b]	0	.	.	.	.
[Session=1] * [Hemisphere=1] * [Prime=0] * [Target=0] * Visual_Component	0[b]	0	.	.	.	.

Estimates of Fixed Effects^a

Parameter	95% Confidence
	Upper Bound
[Hemisphere=0] * [Prime=0] * [Target=0] * Visual_Component	2,678458
[Hemisphere=0] * [Prime=0] * [Target=1] * Visual_Component	.
[Hemisphere=0] * [Prime=1] * [Target=0] * Visual_Component	.
[Hemisphere=0] * [Prime=1] * [Target=1] * Visual_Component	.
[Hemisphere=1] * [Prime=0] * [Target=0] * Visual_Component	.
[Hemisphere=1] * [Prime=0] * [Target=1] * Visual_Component	.
[Hemisphere=1] * [Prime=1] * [Target=0] * Visual_Component	.
[Hemisphere=1] * [Prime=1] * [Target=1] * Visual_Component	.
[Session=1] * [Hemisphere=0] * [Prime=0] * [Target=0] * Visual_Component	2,619008
[Session=1] * [Hemisphere=0] * [Prime=0] * [Target=1] * Visual_Component	.
[Session=1] * [Hemisphere=0] * [Prime=1] * [Target=0] * Visual_Component	.
[Session=1] * [Hemisphere=0] * [Prime=1] * [Target=1] * Visual_Component	.
[Session=1] * [Hemisphere=1] * [Prime=0] * [Target=0] * Visual_Component	.

Estimates of Fixed Effects^a

Parameter	Estimate	Std. Error	df	t	Sig.	95% ...
						Lower Bound
[Session=1] * [Hemisphere=1] * [Prime=0] * [Target=1] * Visual_Component	0^b	0	.	.	.	.
[Session=1] * [Hemisphere=1] * [Prime=1] * [Target=0] * Visual_Component	0^b	0	.	.	.	.
[Session=1] * [Hemisphere=1] * [Prime=1] * [Target=1] * Visual_Component	0^b	0	.	.	.	.
[Session=3] * [Hemisphere=0] * [Prime=0] * [Target=0] * Visual_Component	0^b	0	.	.	.	.
[Session=3] * [Hemisphere=0] * [Prime=0] * [Target=1] * Visual_Component	0^b	0	.	.	.	.
[Session=3] * [Hemisphere=0] * [Prime=1] * [Target=0] * Visual_Component	0^b	0	.	.	.	.
[Session=3] * [Hemisphere=0] * [Prime=1] * [Target=1] * Visual_Component	0^b	0	.	.	.	.
[Session=3] * [Hemisphere=1] * [Prime=0] * [Target=0] * Visual_Component	0^b	0	.	.	.	.
[Session=3] * [Hemisphere=1] * [Prime=0] * [Target=1] * Visual_Component	0^b	0	.	.	.	.
[Session=3] * [Hemisphere=1] * [Prime=1] * [Target=0] * Visual_Component	0^b	0	.	.	.	.
[Session=3] * [Hemisphere=1] * [Prime=1] * [Target=1] * Visual_Component	0^b	0	.	.	.	.

Estimates of Fixed Effects^a

Parameter	95% Confidence Upper Bound
[Session=1] * [Hemisphere=1] * [Prime=0] * [Target=1] * Visual_Component	.
[Session=1] * [Hemisphere=1] * [Prime=1] * [Target=0] * Visual_Component	.
[Session=1] * [Hemisphere=1] * [Prime=1] * [Target=1] * Visual_Component	.
[Session=3] * [Hemisphere=0] * [Prime=0] * [Target=0] * Visual_Component	.
[Session=3] * [Hemisphere=0] * [Prime=0] * [Target=1] * Visual_Component	.
[Session=3] * [Hemisphere=0] * [Prime=1] * [Target=0] * Visual_Component	.
[Session=3] * [Hemisphere=0] * [Prime=1] * [Target=1] * Visual_Component	.
[Session=3] * [Hemisphere=1] * [Prime=0] * [Target=0] * Visual_Component	.
[Session=3] * [Hemisphere=1] * [Prime=0] * [Target=1] * Visual_Component	.
[Session=3] * [Hemisphere=1] * [Prime=1] * [Target=0] * Visual_Component	.
[Session=3] * [Hemisphere=1] * [Prime=1] * [Target=1] * Visual_Component	.

a. Dependent Variable: Numeric_Component.

b. This parameter is set to zero because it is redundant.

Covariance Parameters

Estimates of Covariance Parameters[a]

Parameter		Estimate	Std. Error
Repeated Measures	Var: [Session=1]*[Hemisphere=0]*[Prime=0]*[Target=0]	1,495735	,424673
	Var: [Session=1]*[Hemisphere=0]*[Prime=0]*[Target=1]	,822589	,233855
	Var: [Session=1]*[Hemisphere=0]*[Prime=1]*[Target=0]	,361449	,102477
	Var: [Session=1]*[Hemisphere=0]*[Prime=1]*[Target=1]	1,112847	,313832
	Var: [Session=1]*[Hemisphere=1]*[Prime=0]*[Target=0]	,922536	,259190
	Var: [Session=1]*[Hemisphere=1]*[Prime=0]*[Target=1]	1,273335	,361768
	Var: [Session=1]*[Hemisphere=1]*[Prime=1]*[Target=0]	,668583	,188784
	Var: [Session=1]*[Hemisphere=1]*[Prime=1]*[Target=1]	,517300	,144742
	Var: [Session=3]*[Hemisphere=0]*[Prime=0]*[Target=0]	1,070451	,302454
	Var: [Session=3]*[Hemisphere=0]*[Prime=0]*[Target=1]	1,057382	,296395
	Var: [Session=3]*[Hemisphere=0]*[Prime=1]*[Target=0]	,942903	,267285
	Var: [Session=3]*[Hemisphere=0]*[Prime=1]*[Target=1]	1,001769	,280405
	Var: [Session=3]*[Hemisphere=1]*[Prime=0]*[Target=0]	1,185116	,332115
	Var: [Session=3]*[Hemisphere=1]*[Prime=0]*[Target=1]	1,095716	,309826
	Var: [Session=3]*[Hemisphere=1]*[Prime=1]*[Target=0]	1,023211	,295532
	Var: [Session=3]*[Hemisphere=1]*[Prime=1]*[Target=1]	1,055826	,298914
	CSH rho	,032665	,027728

a. Dependent Variable: Numeric_Component.

```
MIXED Numeric_Component BY Session Hemisphere Prime Target WITH Visual_Comp
onent
  /CRITERIA=CIN(95) MXITER(100) MXSTEP(10) SCORING(1) SINGULAR(0.0000000000
01) HCONVERGE(0,
    ABSOLUTE) LCONVERGE(0, ABSOLUTE) PCONVERGE(0.000001, ABSOLUTE)
  /FIXED=Session Hemisphere Prime Target Session*Hemisphere Session*Prime S
ession*Target
    Hemisphere*Prime Hemisphere*Target Prime*Target Session*Hemisphere*Prim
e Session*Hemisphere*Target
    Session*Prime*Target Hemisphere*Prime*Target Session*Hemisphere*Prime*T
arget
    Visual_Component Session*Visual_Component
    Hemisphere*Visual_Component Prime*Visual_Component Target*Visual_Compon
ent Session*Hemisphere*Visual_Component Session*Prime*Visual_Component
    Session*Target*Visual_Component Hemisphere*Prime*Visual_Component Hemis
phere*Target*Visual_Component Prime*Target*Visual_Component
    Session*Hemisphere*Prime*Visual_Component Session*Hemisphere*Target*Vis
ual_Component Session*Prime*Target*Visual_Component
    Hemisphere*Prime*Target*Visual_Component | SSTYPE(3)
  /METHOD=ML
  /PRINT=SOLUTION
  /REPEATED=Session*Hemisphere*Prime*Target | SUBJECT(PP) COVTYPE(CSH).
```

Mixed Model Analysis

Model Dimension[a]

		Number of Levels	Covariance Structure	Number of Parameters
Fixed Effects	Intercept	1		1
	Session	2		1
	Hemisphere	2		1
	Prime	2		1
	Target	2		1
	Session * Hemisphere	4		1
	Session * Prime	4		1
	Session * Target	4		1
	Hemisphere * Prime	4		1
	Hemisphere * Target	4		1
	Prime * Target	4		1
	Session * Hemisphere * Prime	8		1
	Session * Hemisphere * Target	8		1
	Session * Prime * Target	8		1
	Hemisphere * Prime * Target	8		1
	Session * Hemisphere * Prime * Target	16		1
	Visual_Component	1		1
	Session * Visual_Component	2		1
	Hemisphere * Visual_Component	2		1
	Prime * Visual_Component	2		1
	Target * Visual_Component	2		1
	Session * Hemisphere * Visual_Component	4		1
	Session * Prime * Visual_Component	4		1
	Session * Target * Visual_Component	4		1
	Hemisphere * Prime * Visual_Component	4		1
	Hemisphere * Target * Visual_Component	4		1
	Prime * Target * Visual_Component	4		1

Model Dimension[a]

		Subject Variables	Number of Subjects
Fixed Effects	Intercept		
	Session		
	Hemisphere		
	Prime		
	Target		
	Session * Hemisphere		
	Session * Prime		
	Session * Target		
	Hemisphere * Prime		
	Hemisphere * Target		
	Prime * Target		
	Session * Hemisphere * Prime		
	Session * Hemisphere * Target		
	Session * Prime * Target		
	Hemisphere * Prime * Target		
	Session * Hemisphere * Prime * Target		
	Visual_Component		
	Session * Visual_Component		
	Hemisphere * Visual_Component		
	Prime * Visual_Component		
	Target * Visual_Component		
	Session * Hemisphere * Visual_Component		
	Session * Prime * Visual_Component		
	Session * Target * Visual_Component		
	Hemisphere * Prime * Visual_Component		
	Hemisphere * Target * Visual_Component		
	Prime * Target * Visual_Component		

Model Dimension[a]

		Number of Levels	Covariance Structure	Number of Parameters
	Session * Hemisphere * Prime * Visual_Component	8		1
	Session * Hemisphere * Target * Visual_Component	8		1
	Session * Prime * Target * Visual_Component	8		1
	Hemisphere * Prime * Target * Visual_Component	8		1
Repeated Effects	Session * Hemisphere * Prime * Target	16	Heterogeneous Compound Symmetry	17
Total		162		48

Model Dimension[a]

		Subject Variables	Number of Subjects
	Session * Hemisphere * Prime * Visual_Component		
	Session * Hemisphere * Target * Visual_Component		
	Session * Prime * Target * Visual_Component		
	Hemisphere * Prime * Target * Visual_Component		
Repeated Effects	Session * Hemisphere * Prime * Target	PP	25
Total			

a. Dependent Variable: Numeric_Component.

Information Criteria^a

-2 Log Likelihood	1102,755
Akaike's Information Criterion (AIC)	1198,755
Hurvich and Tsai's Criterion (AICC)	1212,157
Bozdogan's Criterion (CAIC)	1438,345
Schwarz's Bayesian Criterion (BIC)	1390,345

The information criteria are displayed in smaller-is-better form.

a. Dependent Variable: Numeric_Component.

Fixed Effects

Type III Tests of Fixed Effects^a

Source	Numerator df	Denominator df	F	Sig.
Intercept	1	212,956	260,509	,000
Session	1	236,736	,399	,528
Hemisphere	1	218,699	2,246	,135
Prime	1	215,645	1,460	,228
Target	1	213,405	4,725	,031
Session * Hemisphere	1	250,700	,000	,985
Session * Prime	1	238,086	1,980	,161
Session * Target	1	234,438	,145	,704
Hemisphere * Prime	1	225,048	,065	,798
Hemisphere * Target	1	233,903	,121	,729
Prime * Target	1	213,579	2,790	,096
Session * Hemisphere * Prime	1	252,503	,430	,513
Session * Hemisphere * Target	1	289,611	,508	,477
Session * Prime * Target	1	233,195	,262	,609
Hemisphere * Prime * Target	1	231,374	,195	,659
Session * Hemisphere * Prime * Target	1	160,136	,007	,934
Visual_Component	1	335,165	49,664	,000

Type III Tests of Fixed Effects[a]

Source	Numerator df	Denominator df	F	Sig.
Session * Visual_Component	1	348,165	,139	,709
Hemisphere * Visual_Component	1	344,792	9,001	,003
Prime * Visual_Component	1	331,559	,425	,515
Target * Visual_Component	1	346,476	3,597	,059
Session * Hemisphere * Visual_Component	1	351,673	,023	,879
Session * Prime * Visual_Component	1	360,618	1,575	,210
Session * Target * Visual_Component	1	352,633	,004	,951
Hemisphere * Prime * Visual_Component	1	349,845	,271	,603
Hemisphere * Target * Visual_Component	1	345,519	,350	,554
Prime * Target * Visual_Component	1	348,760	2,993	,085
Session * Hemisphere * Prime * Visual_Component	1	347,853	,138	,710
Session * Hemisphere * Target * Visual_Component	1	339,492	1,116	,291
Session * Prime * Target * Visual_Component	1	349,650	,053	,819
Hemisphere * Prime * Target * Visual_Component	1	341,553	,165	,685

a. Dependent Variable: Numeric_Component.

Estimates of Fixed Effects[a]

Parameter	Estimate	Std. Error	df	t	Sig.	95% ... Lower Bound
Intercept	4,128342	,820521	28,603	5,031	,000	2,449175
[Session=1]	,806314	,946853	49,600	,852	,399	-1,095877
[Session=3]	0[b]	0	.	.	.	.
[Hemisphere=0]	1,446934	1,094773	62,497	1,322	,191	-,741140
[Hemisphere=1]	0[b]	0	.	.	.	.
[Prime=0]	-,046811	1,807335	45,655	-,026	,979	-3,685531
[Prime=1]	0[b]	0	.	.	.	.
[Target=0]	,748593	1,127018	60,946	,664	,509	-1,505058
[Target=1]	0[b]	0	.	.	.	.
[Session=1] * [Hemisphere=0]	,047101	1,536767	116,419	,031	,976	-2,996545
[Session=1] * [Hemisphere=1]	0[b]	0	.	.	.	.
[Session=3] * [Hemisphere=0]	0[b]	0	.	.	.	.
[Session=3] * [Hemisphere=1]	0[b]	0	.	.	.	.
[Session=1] * [Prime=0]	-,333009	1,982667	79,812	-,168	,867	-4,278784
[Session=1] * [Prime=1]	0[b]	0	.	.	.	.
[Session=3] * [Prime=0]	0[b]	0	.	.	.	.
[Session=3] * [Prime=1]	0[b]	0	.	.	.	.
[Session=1] * [Target=0]	,374241	1,600193	105,940	,234	,816	-2,798317
[Session=1] * [Target=1]	0[b]	0	.	.	.	.
[Session=3] * [Target=0]	0[b]	0	.	.	.	.
[Session=3] * [Target=1]	0[b]	0	.	.	.	.
[Hemisphere=0] * [Prime=0]	,711005	2,252730	106,507	,316	,753	-3,755005
[Hemisphere=0] * [Prime=1]	0[b]	0	.	.	.	.
[Hemisphere=1] * [Prime=0]	0[b]	0	.	.	.	.
[Hemisphere=1] * [Prime=1]	0[b]	0	.	.	.	.
[Hemisphere=0] * [Target=0]	-2,054916	1,681412	121,687	-1,222	,224	-5,383525
[Hemisphere=0] * [Target=1]	0[b]	0	.	.	.	.
[Hemisphere=1] * [Target=0]	0[b]	0	.	.	.	.

Estimates of Fixed Effects[a]

Parameter	95% Confidence
	Upper Bound
Intercept	5,807508
[Session=1]	2,708504
[Session=3]	.
[Hemisphere=0]	3,635008
[Hemisphere=1]	.
[Prime=0]	3,591908
[Prime=1]	.
[Target=0]	3,002244
[Target=1]	.
[Session=1] * [Hemisphere=0]	3,090747
[Session=1] * [Hemisphere=1]	.
[Session=3] * [Hemisphere=0]	.
[Session=3] * [Hemisphere=1]	.
[Session=1] * [Prime=0]	3,612767
[Session=1] * [Prime=1]	.
[Session=3] * [Prime=0]	.
[Session=3] * [Prime=1]	.
[Session=1] * [Target=0]	3,546800
[Session=1] * [Target=1]	.
[Session=3] * [Target=0]	.
[Session=3] * [Target=1]	.
[Hemisphere=0] * [Prime=0]	5,177015
[Hemisphere=0] * [Prime=1]	.
[Hemisphere=1] * [Prime=0]	.
[Hemisphere=1] * [Prime=1]	.
[Hemisphere=0] * [Target=0]	1,273693
[Hemisphere=0] * [Target=1]	.
[Hemisphere=1] * [Target=0]	.

Estimates of Fixed Effects[a]

Parameter	Estimate	Std. Error	df	t	Sig.	95% ...
						Lower Bound
[Hemisphere=1] * [Target=1]	0[b]	0	.	.	.	.
[Prime=0] * [Target=0]	2,563189	2,574724	96,422	,996	,322	-2,547313
[Prime=0] * [Target=1]	0[b]	0	.	.	.	.
[Prime=1] * [Target=0]	0[b]	0	.	.	.	.
[Prime=1] * [Target=1]	0[b]	0	.	.	.	.
[Session=1] * [Hemisphere=0] * [Prime=0]	-1,948442	2,452567	237,556	-,794	,428	-6,780000
[Session=1] * [Hemisphere=0] * [Prime=1]	0[b]	0	.	.	.	.
[Session=1] * [Hemisphere=1] * [Prime=0]	0[b]	0	.	.	.	.
[Session=1] * [Hemisphere=1] * [Prime=1]	0[b]	0	.	.	.	.
[Session=3] * [Hemisphere=0] * [Prime=0]	0[b]	0	.	.	.	.
[Session=3] * [Hemisphere=0] * [Prime=1]	0[b]	0	.	.	.	.
[Session=3] * [Hemisphere=1] * [Prime=0]	0[b]	0	.	.	.	.
[Session=3] * [Hemisphere=1] * [Prime=1]	0[b]	0	.	.	.	.
[Session=1] * [Hemisphere=0] * [Target=0]	1,833496	2,133134	286,888	,860	,391	-2,365081
[Session=1] * [Hemisphere=0] * [Target=1]	0[b]	0	.	.	.	.
[Session=1] * [Hemisphere=1] * [Target=0]	0[b]	0	.	.	.	.
[Session=1] * [Hemisphere=1] * [Target=1]	0[b]	0	.	.	.	.

Estimates of Fixed Effects^a

Parameter	95% Confidence Upper Bound
[Hemisphere=1] * [Target=1]	.
[Prime=0] * [Target=0]	7,673690
[Prime=0] * [Target=1]	.
[Prime=1] * [Target=0]	.
[Prime=1] * [Target=1]	.
[Session=1] * [Hemisphere=0] * [Prime=0]	2,883116
[Session=1] * [Hemisphere=0] * [Prime=1]	.
[Session=1] * [Hemisphere=1] * [Prime=0]	.
[Session=1] * [Hemisphere=1] * [Prime=1]	.
[Session=3] * [Hemisphere=0] * [Prime=0]	.
[Session=3] * [Hemisphere=0] * [Prime=1]	.
[Session=3] * [Hemisphere=1] * [Prime=0]	.
[Session=3] * [Hemisphere=1] * [Prime=1]	.
[Session=1] * [Hemisphere=0] * [Target=0]	6,032073
[Session=1] * [Hemisphere=0] * [Target=1]	.
[Session=1] * [Hemisphere=1] * [Target=0]	.
[Session=1] * [Hemisphere=1] * [Target=1]	.

Estimates of Fixed Effects^a

Parameter	Estimate	Std. Error	df	t	Sig.	95% ...
						Lower Bound
[Session=3] * [Hemisphere=0] * [Target=0]	0^b	0	.	.	.	.
[Session=3] * [Hemisphere=0] * [Target=1]	0^b	0	.	.	.	.
[Session=3] * [Hemisphere=1] * [Target=0]	0^b	0	.	.	.	.
[Session=3] * [Hemisphere=1] * [Target=1]	0^b	0	.	.	.	.
[Session=1] * [Prime=0] * [Target=0]	-1,550083	2,802060	196,510	-,553	,581	-7,076053
[Session=1] * [Prime=0] * [Target=1]	0^b	0	.	.	.	.
[Session=1] * [Prime=1] * [Target=0]	0^b	0	.	.	.	.
[Session=1] * [Prime=1] * [Target=1]	0^b	0	.	.	.	.
[Session=3] * [Prime=0] * [Target=0]	0^b	0	.	.	.	.
[Session=3] * [Prime=0] * [Target=1]	0^b	0	.	.	.	.
[Session=3] * [Prime=1] * [Target=0]	0^b	0	.	.	.	.
[Session=3] * [Prime=1] * [Target=1]	0^b	0	.	.	.	.
[Hemisphere=0] * [Prime=0] * [Target=0]	1,195846	3,334124	180,450	,359	,720	-5,383039
[Hemisphere=0] * [Prime=0] * [Target=1]	0^b	0	.	.	.	.
[Hemisphere=0] * [Prime=1] * [Target=0]	0^b	0	.	.	.	.
[Hemisphere=0] * [Prime=1] * [Target=1]	0^b	0	.	.	.	.
[Hemisphere=1] * [Prime=0] * [Target=0]	0^b	0	.	.	.	.
[Hemisphere=1] * [Prime=0] * [Target=1]	0^b	0	.	.	.	.
[Hemisphere=1] * [Prime=1] * [Target=0]	0^b	0	.	.	.	.

Estimates of Fixed Effects[a]

Parameter	95% Confidence Upper Bound
[Session=3] * [Hemisphere=0] * [Target=0]	.
[Session=3] * [Hemisphere=0] * [Target=1]	.
[Session=3] * [Hemisphere=1] * [Target=0]	.
[Session=3] * [Hemisphere=1] * [Target=1]	.
[Session=1] * [Prime=0] * [Target=0]	3,975886
[Session=1] * [Prime=0] * [Target=1]	.
[Session=1] * [Prime=1] * [Target=0]	.
[Session=1] * [Prime=1] * [Target=1]	.
[Session=3] * [Prime=0] * [Target=0]	.
[Session=3] * [Prime=0] * [Target=1]	.
[Session=3] * [Prime=1] * [Target=0]	.
[Session=3] * [Prime=1] * [Target=1]	.
[Hemisphere=0] * [Prime=0] * [Target=0]	7,774731
[Hemisphere=0] * [Prime=0] * [Target=1]	.
[Hemisphere=0] * [Prime=1] * [Target=0]	.
[Hemisphere=0] * [Prime=1] * [Target=1]	.
[Hemisphere=1] * [Prime=0] * [Target=0]	.
[Hemisphere=1] * [Prime=0] * [Target=1]	.
[Hemisphere=1] * [Prime=1] * [Target=0]	.

Estimates of Fixed Effects^a

Parameter	Estimate	Std. Error	df	t	Sig.	95% ... Lower Bound
[Hemisphere=1] * [Prime=1] * [Target=1]	0^b	0	.	.	.	.
[Session=1] * [Hemisphere=0] * [Prime=0] * [Target=0]	,152046	1,837962	160,136	,083	,934	-3,477724
[Session=1] * [Hemisphere=0] * [Prime=0] * [Target=1]	0^b	0	.	.	.	.
[Session=1] * [Hemisphere=0] * [Prime=1] * [Target=0]	0^b	0	.	.	.	.
[Session=1] * [Hemisphere=0] * [Prime=1] * [Target=1]	0^b	0	.	.	.	.
[Session=1] * [Hemisphere=1] * [Prime=0] * [Target=0]	0^b	0	.	.	.	.
[Session=1] * [Hemisphere=1] * [Prime=0] * [Target=1]	0^b	0	.	.	.	.
[Session=1] * [Hemisphere=1] * [Prime=1] * [Target=0]	0^b	0	.	.	.	.
[Session=1] * [Hemisphere=1] * [Prime=1] * [Target=1]	0^b	0	.	.	.	.
[Session=3] * [Hemisphere=0] * [Prime=0] * [Target=0]	0^b	0	.	.	.	.
[Session=3] * [Hemisphere=0] * [Prime=0] * [Target=1]	0^b	0	.	.	.	.
[Session=3] * [Hemisphere=0] * [Prime=1] * [Target=0]	0^b	0	.	.	.	.
[Session=3] * [Hemisphere=0] * [Prime=1] * [Target=1]	0^b	0	.	.	.	.
[Session=3] * [Hemisphere=1] * [Prime=0] * [Target=0]	0^b	0	.	.	.	.
[Session=3] * [Hemisphere=1] * [Prime=0] * [Target=1]	0^b	0	.	.	.	.

Estimates of Fixed Effects^a

Parameter	95% Confidence Upper Bound
[Hemisphere=1] * [Prime=1] * [Target=1]	.
[Session=1] * [Hemisphere=0] * [Prime=0] * [Target=0]	3,781816
[Session=1] * [Hemisphere=0] * [Prime=0] * [Target=1]	.
[Session=1] * [Hemisphere=0] * [Prime=1] * [Target=0]	.
[Session=1] * [Hemisphere=0] * [Prime=1] * [Target=1]	.
[Session=1] * [Hemisphere=1] * [Prime=0] * [Target=0]	.
[Session=1] * [Hemisphere=1] * [Prime=0] * [Target=1]	.
[Session=1] * [Hemisphere=1] * [Prime=1] * [Target=0]	.
[Session=1] * [Hemisphere=1] * [Prime=1] * [Target=1]	.
[Session=3] * [Hemisphere=0] * [Prime=0] * [Target=0]	.
[Session=3] * [Hemisphere=0] * [Prime=0] * [Target=1]	.
[Session=3] * [Hemisphere=0] * [Prime=1] * [Target=0]	.
[Session=3] * [Hemisphere=0] * [Prime=1] * [Target=1]	.
[Session=3] * [Hemisphere=1] * [Prime=0] * [Target=0]	.
[Session=3] * [Hemisphere=1] * [Prime=0] * [Target=1]	.

Estimates of Fixed Effects^a

Parameter	Estimate	Std. Error	df	t	Sig.	95% ... Lower Bound
[Session=3] * [Hemisphere=1] * [Prime=1] * [Target=0]	0^b	0	.	.	.	.
[Session=3] * [Hemisphere=1] * [Prime=1] * [Target=1]	0^b	0	.	.	.	.
Visual_Component	-,087942	,383594	28,869	-,229	,820	-,872634
[Session=1] * Visual_Component	,491237	,440945	49,854	1,114	,271	-,394492
[Session=3] * Visual_Component	0^b	0	.	.	.	.
[Hemisphere=0] * Visual_Component	1,003822	,478706	60,775	2,097	,040	,046519
[Hemisphere=1] * Visual_Component	0^b	0	.	.	.	.
[Prime=0] * Visual_Component	,180691	,549533	69,037	,329	,743	-,915587
[Prime=1] * Visual_Component	0^b	0	.	.	.	.
[Target=0] * Visual_Component	,445731	,469044	58,108	,950	,346	-,493126
[Target=1] * Visual_Component	0^b	0	.	.	.	.
[Session=1] * [Hemisphere=0] * Visual_Component	-,306532	,620308	139,106	-,494	,622	-1,532984
[Session=1] * [Hemisphere=1] * Visual_Component	0^b	0	.	.	.	.
[Session=3] * [Hemisphere=0] * Visual_Component	0^b	0	.	.	.	.
[Session=3] * [Hemisphere=1] * Visual_Component	0^b	0	.	.	.	.
[Session=1] * [Prime=0] * Visual_Component	-,419732	,653965	150,755	-,642	,522	-1,711852
[Session=1] * [Prime=1] * Visual_Component	0^b	0	.	.	.	.
[Session=3] * [Prime=0] * Visual_Component	0^b	0	.	.	.	.
[Session=3] * [Prime=1] * Visual_Component	0^b	0	.	.	.	.

Estimates of Fixed Effects^a

	95% Confidence
Parameter	Upper Bound
[Session=3] * [Hemisphere=1] * [Prime=1] * [Target=0]	.
[Session=3] * [Hemisphere=1] * [Prime=1] * [Target=1]	.
Visual_Component	,696751
[Session=1] * Visual_Component	1,376966
[Session=3] * Visual_Component	.
[Hemisphere=0] * Visual_Component	1,961125
[Hemisphere=1] * Visual_Component	.
[Prime=0] * Visual_Component	1,276969
[Prime=1] * Visual_Component	.
[Target=0] * Visual_Component	1,384589
[Target=1] * Visual_Component	.
[Session=1] * [Hemisphere=0] * Visual_Component	,919919
[Session=1] * [Hemisphere=1] * Visual_Component	.
[Session=3] * [Hemisphere=0] * Visual_Component	.
[Session=3] * [Hemisphere=1] * Visual_Component	.
[Session=1] * [Prime=0] * Visual_Component	,872388
[Session=1] * [Prime=1] * Visual_Component	.
[Session=3] * [Prime=0] * Visual_Component	.
[Session=3] * [Prime=1] * Visual_Component	.

Estimates of Fixed Effects^a

Parameter	Estimate	Std. Error	df	t	Sig.	95% ...
						Lower Bound
[Session=1] * [Target=0] * Visual_Component	-,452295	,590765	132,993	-,766	,445	-1,620806
[Session=1] * [Target=1] * Visual_Component	0^b	0	.	.	.	.
[Session=3] * [Target=0] * Visual_Component	0^b	0	.	.	.	.
[Session=3] * [Target=1] * Visual_Component	0^b	0	.	.	.	.
[Hemisphere=0] * [Prime=0] * Visual_Component	-,209376	,658144	162,817	-,318	,751	-1,508974
[Hemisphere=0] * [Prime=1] * Visual_Component	0^b	0	.	.	.	.
[Hemisphere=1] * [Prime=0] * Visual_Component	0^b	0	.	.	.	.
[Hemisphere=1] * [Prime=1] * Visual_Component	0^b	0	.	.	.	.
[Hemisphere=0] * [Target=0] * Visual_Component	-,764471	,615512	148,819	-1,242	,216	-1,980743
[Hemisphere=0] * [Target=1] * Visual_Component	0^b	0	.	.	.	.
[Hemisphere=1] * [Target=0] * Visual_Component	0^b	0	.	.	.	.
[Hemisphere=1] * [Target=1] * Visual_Component	0^b	0	.	.	.	.
[Prime=0] * [Target=0] * Visual_Component	,412140	,662359	164,438	,622	,535	-,895685
[Prime=0] * [Target=1] * Visual_Component	0^b	0	.	.	.	.
[Prime=1] * [Target=0] * Visual_Component	0^b	0	.	.	.	.
[Prime=1] * [Target=1] * Visual_Component	0^b	0	.	.	.	.

Estimates of Fixed Effects^a

Parameter	95% Confidence Upper Bound
[Session=1] * [Target=0] * Visual_Component	,716215
[Session=1] * [Target=1] * Visual_Component	.
[Session=3] * [Target=0] * Visual_Component	.
[Session=3] * [Target=1] * Visual_Component	.
[Hemisphere=0] * [Prime=0] * Visual_Component	1,090223
[Hemisphere=0] * [Prime=1] * Visual_Component	.
[Hemisphere=1] * [Prime=0] * Visual_Component	.
[Hemisphere=1] * [Prime=1] * Visual_Component	.
[Hemisphere=0] * [Target=0] * Visual_Component	,451801
[Hemisphere=0] * [Target=1] * Visual_Component	.
[Hemisphere=1] * [Target=0] * Visual_Component	.
[Hemisphere=1] * [Target=1] * Visual_Component	.
[Prime=0] * [Target=0] * Visual_Component	1,719964
[Prime=0] * [Target=1] * Visual_Component	.
[Prime=1] * [Target=0] * Visual_Component	.
[Prime=1] * [Target=1] * Visual_Component	.

Estimates of Fixed Effects^a

Parameter	Estimate	Std. Error	df	t	Sig.	95% ...
						Lower Bound
[Session=1] * [Hemisphere=0] * [Prime=0] * Visual_Component	-,280263	,753889	347,853	-,372	,710	-1,763016
[Session=1] * [Hemisphere=0] * [Prime=1] * Visual_Component	0^b	0	.	.	.	.
[Session=1] * [Hemisphere=1] * [Prime=0] * Visual_Component	0^b	0	.	.	.	.
[Session=1] * [Hemisphere=1] * [Prime=1] * Visual_Component	0^b	0	.	.	.	.
[Session=3] * [Hemisphere=0] * [Prime=0] * Visual_Component	0^b	0	.	.	.	.
[Session=3] * [Hemisphere=0] * [Prime=1] * Visual_Component	0^b	0	.	.	.	.
[Session=3] * [Hemisphere=1] * [Prime=0] * Visual_Component	0^b	0	.	.	.	.
[Session=3] * [Hemisphere=1] * [Prime=1] * Visual_Component	0^b	0	.	.	.	.
[Session=1] * [Hemisphere=0] * [Target=0] * Visual_Component	,778321	,736679	339,492	1,057	,291	-,670709
[Session=1] * [Hemisphere=0] * [Target=1] * Visual_Component	0^b	0	.	.	.	.
[Session=1] * [Hemisphere=1] * [Target=0] * Visual_Component	0^b	0	.	.	.	.

Estimates of Fixed Effects[a]

Parameter	95% Confidence Upper Bound
[Session=1] * [Hemisphere=0] * [Prime=0] * Visual_Component	1,202491
[Session=1] * [Hemisphere=0] * [Prime=1] * Visual_Component	.
[Session=1] * [Hemisphere=1] * [Prime=0] * Visual_Component	.
[Session=1] * [Hemisphere=1] * [Prime=1] * Visual_Component	.
[Session=3] * [Hemisphere=0] * [Prime=0] * Visual_Component	.
[Session=3] * [Hemisphere=0] * [Prime=1] * Visual_Component	.
[Session=3] * [Hemisphere=1] * [Prime=0] * Visual_Component	.
[Session=3] * [Hemisphere=1] * [Prime=1] * Visual_Component	.
[Session=1] * [Hemisphere=0] * [Target=0] * Visual_Component	2,227351
[Session=1] * [Hemisphere=0] * [Target=1] * Visual_Component	.
[Session=1] * [Hemisphere=1] * [Target=0] * Visual_Component	.

Estimates of Fixed Effects[a]

Parameter	Estimate	Std. Error	df	t	Sig.	95% ...
						Lower Bound
[Session=1] * [Hemisphere=1] * [Target=1] * Visual_Component	0[b]	0	.	.	.	.
[Session=3] * [Hemisphere=0] * [Target=0] * Visual_Component	0[b]	0	.	.	.	.
[Session=3] * [Hemisphere=0] * [Target=1] * Visual_Component	0[b]	0	.	.	.	.
[Session=3] * [Hemisphere=1] * [Target=0] * Visual_Component	0[b]	0	.	.	.	.
[Session=3] * [Hemisphere=1] * [Target=1] * Visual_Component	0[b]	0	.	.	.	.
[Session=1] * [Prime=0] * [Target=0] * Visual_Component	,172486	,751185	349,650	,230	,819	-1,304923
[Session=1] * [Prime=0] * [Target=1] * Visual_Component	0[b]	0	.	.	.	.
[Session=1] * [Prime=1] * [Target=0] * Visual_Component	0[b]	0	.	.	.	.
[Session=1] * [Prime=1] * [Target=1] * Visual_Component	0[b]	0	.	.	.	.
[Session=3] * [Prime=0] * [Target=0] * Visual_Component	0[b]	0	.	.	.	.
[Session=3] * [Prime=0] * [Target=1] * Visual_Component	0[b]	0	.	.	.	.
[Session=3] * [Prime=1] * [Target=0] * Visual_Component	0[b]	0	.	.	.	.
[Session=3] * [Prime=1] * [Target=1] * Visual_Component	0[b]	0	.	.	.	.

Estimates of Fixed Effects^a

Parameter	95% Confidence
	Upper Bound
[Session=1] * [Hemisphere=1] * [Target=1] * Visual_Component	.
[Session=3] * [Hemisphere=0] * [Target=0] * Visual_Component	.
[Session=3] * [Hemisphere=0] * [Target=1] * Visual_Component	.
[Session=3] * [Hemisphere=1] * [Target=0] * Visual_Component	.
[Session=3] * [Hemisphere=1] * [Target=1] * Visual_Component	.
[Session=1] * [Prime=0] * [Target=0] * Visual_Component	1,649895
[Session=1] * [Prime=0] * [Target=1] * Visual_Component	.
[Session=1] * [Prime=1] * [Target=0] * Visual_Component	.
[Session=1] * [Prime=1] * [Target=1] * Visual_Component	.
[Session=3] * [Prime=0] * [Target=0] * Visual_Component	.
[Session=3] * [Prime=0] * [Target=1] * Visual_Component	.
[Session=3] * [Prime=1] * [Target=0] * Visual_Component	.
[Session=3] * [Prime=1] * [Target=1] * Visual_Component	.

Estimates of Fixed Effects^a

Parameter	Estimate	Std. Error	df	t	Sig.	95% ...
						Lower Bound
[Hemisphere=0] * [Prime=0] * [Target=0] * Visual_Component	,305014	,750630	341,553	,406	,685	-1,171425
[Hemisphere=0] * [Prime=0] * [Target=1] * Visual_Component	0^b	0	.	.	.	.
[Hemisphere=0] * [Prime=1] * [Target=0] * Visual_Component	0^b	0	.	.	.	.
[Hemisphere=0] * [Prime=1] * [Target=1] * Visual_Component	0^b	0	.	.	.	.
[Hemisphere=1] * [Prime=0] * [Target=0] * Visual_Component	0^b	0	.	.	.	.
[Hemisphere=1] * [Prime=0] * [Target=1] * Visual_Component	0^b	0	.	.	.	.
[Hemisphere=1] * [Prime=1] * [Target=0] * Visual_Component	0^b	0	.	.	.	.
[Hemisphere=1] * [Prime=1] * [Target=1] * Visual_Component	0^b	0	.	.	.	.

Estimates of Fixed Effects[a]

Parameter	95% Confidence
	Upper Bound
[Hemisphere=0] * [Prime=0] * [Target=0] * Visual_Component	1,781452
[Hemisphere=0] * [Prime=0] * [Target=1] * Visual_Component	.
[Hemisphere=0] * [Prime=1] * [Target=0] * Visual_Component	.
[Hemisphere=0] * [Prime=1] * [Target=1] * Visual_Component	.
[Hemisphere=1] * [Prime=0] * [Target=0] * Visual_Component	.
[Hemisphere=1] * [Prime=0] * [Target=1] * Visual_Component	.
[Hemisphere=1] * [Prime=1] * [Target=0] * Visual_Component	.
[Hemisphere=1] * [Prime=1] * [Target=1] * Visual_Component	.

a. Dependent Variable: Numeric_Component.

b. This parameter is set to zero because it is redundant.

Covariance Parameters

Estimates of Covariance Parameters[a]

Parameter		Estimate	Std. Error
Repeated Measures	Var: [Session=1]*[Hemisphere=0]*[Prime=0]*[Target=0]	1,495915	,424655
	Var: [Session=1]*[Hemisphere=0]*[Prime=0]*[Target=1]	,823108	,234063
	Var: [Session=1]*[Hemisphere=0]*[Prime=1]*[Target=0]	,361664	,102547
	Var: [Session=1]*[Hemisphere=0]*[Prime=1]*[Target=1]	1,113857	,314244
	Var: [Session=1]*[Hemisphere=1]*[Prime=0]*[Target=0]	,922540	,259161
	Var: [Session=1]*[Hemisphere=1]*[Prime=0]*[Target=1]	1,274066	,362052
	Var: [Session=1]*[Hemisphere=1]*[Prime=1]*[Target=0]	,668852	,188876
	Var: [Session=1]*[Hemisphere=1]*[Prime=1]*[Target=1]	,517100	,144665
	Var: [Session=3]*[Hemisphere=0]*[Prime=0]*[Target=0]	1,071840	,302998
	Var: [Session=3]*[Hemisphere=0]*[Prime=0]*[Target=1]	1,057251	,296327
	Var: [Session=3]*[Hemisphere=0]*[Prime=1]*[Target=0]	,943278	,267391
	Var: [Session=3]*[Hemisphere=0]*[Prime=1]*[Target=1]	1,001375	,280255
	Var: [Session=3]*[Hemisphere=1]*[Prime=0]*[Target=0]	1,184577	,331908
	Var: [Session=3]*[Hemisphere=1]*[Prime=0]*[Target=1]	1,096677	,310247
	Var: [Session=3]*[Hemisphere=1]*[Prime=1]*[Target=0]	1,024684	,296062
	Var: [Session=3]*[Hemisphere=1]*[Prime=1]*[Target=1]	1,056702	,299263
	CSH rho	,033468	,027716

a. Dependent Variable: Numeric_Component.

```
MIXED Numeric_Component BY Session Hemisphere Prime Target WITH Visual_Comp
onent
  /CRITERIA=CIN(95) MXITER(100) MXSTEP(10) SCORING(1) SINGULAR(0.0000000000
01) HCONVERGE(0,
    ABSOLUTE) LCONVERGE(0, ABSOLUTE) PCONVERGE(0.000001, ABSOLUTE)
  /FIXED=Session Hemisphere Prime Target Session*Hemisphere Session*Prime S
ession*Target
    Hemisphere*Prime Hemisphere*Target Prime*Target Session*Hemisphere*Prim
e Session*Hemisphere*Target
    Session*Prime*Target Hemisphere*Prime*Target Session*Hemisphere*Prime*T
arget
    Visual_Component Session*Visual_Component
    Hemisphere*Visual_Component Prime*Visual_Component Target*Visual_Compon
ent Session*Hemisphere*Visual_Component Session*Prime*Visual_Component
    Session*Target*Visual_Component Hemisphere*Prime*Visual_Component Hemis
phere*Target*Visual_Component Prime*Target*Visual_Component
    Session*Hemisphere*Prime*Visual_Component Session*Hemisphere*Target*Vis
ual_Component
    Hemisphere*Prime*Target*Visual_Component | SSTYPE(3)
  /METHOD=ML
  /PRINT=SOLUTION
  /REPEATED=Session*Hemisphere*Prime*Target | SUBJECT(PP) COVTYPE(CSH).
```

Mixed Model Analysis

Model Dimension[a]

		Number of Levels	Covariance Structure	Number of Parameters
Fixed Effects	Intercept	1		1
	Session	2		1
	Hemisphere	2		1
	Prime	2		1
	Target	2		1
	Session * Hemisphere	4		1
	Session * Prime	4		1
	Session * Target	4		1
	Hemisphere * Prime	4		1
	Hemisphere * Target	4		1
	Prime * Target	4		1
	Session * Hemisphere * Prime	8		1
	Session * Hemisphere * Target	8		1
	Session * Prime * Target	8		1
	Hemisphere * Prime * Target	8		1
	Session * Hemisphere * Prime * Target	16		1
	Visual_Component	1		1
	Session * Visual_Component	2		1
	Hemisphere * Visual_Component	2		1
	Prime * Visual_Component	2		1
	Target * Visual_Component	2		1
	Session * Hemisphere * Visual_Component	4		1
	Session * Prime * Visual_Component	4		1
	Session * Target * Visual_Component	4		1
	Hemisphere * Prime * Visual_Component	4		1
	Hemisphere * Target * Visual_Component	4		1
	Prime * Target * Visual_Component	4		1

Model Dimension[a]

		Subject Variables	Number of Subjects
Fixed Effects	Intercept		
	Session		
	Hemisphere		
	Prime		
	Target		
	Session * Hemisphere		
	Session * Prime		
	Session * Target		
	Hemisphere * Prime		
	Hemisphere * Target		
	Prime * Target		
	Session * Hemisphere * Prime		
	Session * Hemisphere * Target		
	Session * Prime * Target		
	Hemisphere * Prime * Target		
	Session * Hemisphere * Prime * Target		
	Visual_Component		
	Session * Visual_Component		
	Hemisphere * Visual_Component		
	Prime * Visual_Component		
	Target * Visual_Component		
	Session * Hemisphere * Visual_Component		
	Session * Prime * Visual_Component		
	Session * Target * Visual_Component		
	Hemisphere * Prime * Visual_Component		
	Hemisphere * Target * Visual_Component		
	Prime * Target * Visual_Component		

Model Dimension[a]

		Number of Levels	Covariance Structure	Number of Parameters
Repeated Effects	Session * Hemisphere * Prime * Visual_Component	8		1
	Session * Hemisphere * Target * Visual_Component	8		1
	Hemisphere * Prime * Target * Visual_Component	8		1
	Session * Hemisphere * Prime * Target	16	Heterogeneous Compound Symmetry	17
Total		154		47

Model Dimension[a]

		Subject Variables	Number of Subjects
Repeated Effects	Session * Hemisphere * Prime * Visual_Component		
	Session * Hemisphere * Target * Visual_Component		
	Hemisphere * Prime * Target * Visual_Component		
	Session * Hemisphere * Prime * Target	PP	25
Total			

a. Dependent Variable: Numeric_Component.

Information Criteria[a]

-2 Log Likelihood	1102,808
Akaike's Information Criterion (AIC)	1196,808
Hurvich and Tsai's Criterion (AICC)	1209,626
Bozdogan's Criterion (CAIC)	1431,406
Schwarz's Bayesian Criterion (BIC)	1384,406

The information criteria are displayed in smaller-is-better form.

a. Dependent Variable: Numeric_Component.

Fixed Effects

Type III Tests of Fixed Effects[a]

Source	Numerator df	Denominator df	F	Sig.
Intercept	1	215,914	260,723	,000
Session	1	259,268	,368	,545
Hemisphere	1	210,478	2,214	,138
Prime	1	217,156	1,476	,226
Target	1	231,952	4,897	,028
Session * Hemisphere	1	259,173	,000	,985
Session * Prime	1	267,341	2,163	,143
Session * Target	1	292,112	,100	,752
Hemisphere * Prime	1	220,383	,085	,771
Hemisphere * Target	1	231,713	,131	,718
Prime * Target	1	230,692	2,942	,088
Session * Hemisphere * Prime	1	263,771	,465	,496
Session * Hemisphere * Target	1	290,810	,487	,486
Session * Prime * Target	1	183,241	5,544	,020
Hemisphere * Prime * Target	1	228,934	,184	,668
Session * Hemisphere * Prime * Target	1	184,791	,001	,976
Visual_Component	1	335,343	49,671	,000

Type III Tests of Fixed Effects[a]

Source	Numerator df	Denominator df	F	Sig.
Session * Visual_Component	1	347,904	,129	,720
Hemisphere * Visual_Component	1	331,125	8,961	,003
Prime * Visual_Component	1	331,216	,425	,515
Target * Visual_Component	1	345,492	3,583	,059
Session * Hemisphere * Visual_Component	1	346,365	,036	,849
Session * Prime * Visual_Component	1	360,833	1,580	,210
Session * Target * Visual_Component	1	339,791	,000	,991
Hemisphere * Prime * Visual_Component	1	333,725	,244	,622
Hemisphere * Target * Visual_Component	1	345,418	,359	,549
Prime * Target * Visual_Component	1	347,747	3,052	,082
Session * Hemisphere * Prime * Visual_Component	1	355,229	,156	,693
Session * Hemisphere * Target * Visual_Component	1	338,531	1,097	,296
Hemisphere * Prime * Target * Visual_Component	1	342,678	,151	,698

a. Dependent Variable: Numeric_Component.

Estimates of Fixed Effects^a

Parameter	Estimate	Std. Error	df	t	Sig.	95% ... Lower Bound
Intercept	4,182052	,787011	33,615	5,314	,000	2,581978
[Session=1]	,733139	,892685	61,764	,821	,415	-1,051448
[Session=3]	0^b	0	.	.	.	.
[Hemisphere=0]	1,425966	1,091093	63,225	1,307	,196	-,754258
[Hemisphere=1]	0^b	0	.	.	.	.
[Prime=0]	-,229527	1,627402	59,562	-,141	,888	-3,485309
[Prime=1]	0^b	0	.	.	.	.
[Target=0]	,654183	1,051422	77,536	,622	,536	-1,439234
[Target=1]	0^b	0	.	.	.	.
[Session=1] * [Hemisphere=0]	,023588	1,532569	121,699	,015	,988	-3,010361
[Session=1] * [Hemisphere=1]	0^b	0	.	.	.	.
[Session=3] * [Hemisphere=0]	0^b	0	.	.	.	.
[Session=3] * [Hemisphere=1]	0^b	0	.	.	.	.
[Session=1] * [Prime=0]	-,068682	1,621049	97,684	-,042	,966	-3,285731
[Session=1] * [Prime=1]	0^b	0	.	.	.	.
[Session=3] * [Prime=0]	0^b	0	.	.	.	.
[Session=3] * [Prime=1]	0^b	0	.	.	.	.
[Session=1] * [Target=0]	,556512	1,391236	132,433	,400	,690	-2,195407
[Session=1] * [Target=1]	0^b	0	.	.	.	.
[Session=3] * [Target=0]	0^b	0	.	.	.	.
[Session=3] * [Target=1]	0^b	0	.	.	.	.
[Hemisphere=0] * [Prime=0]	,786110	2,230140	110,090	,352	,725	-3,633463
[Hemisphere=0] * [Prime=1]	0^b	0	.	.	.	.
[Hemisphere=1] * [Prime=0]	0^b	0	.	.	.	.
[Hemisphere=1] * [Prime=1]	0^b	0	.	.	.	.
[Hemisphere=0] * [Target=0]	-2,057287	1,681491	122,156	-1,223	,223	-5,385924
[Hemisphere=0] * [Target=1]	0^b	0	.	.	.	.
[Hemisphere=1] * [Target=0]	0^b	0	.	.	.	.

Estimates of Fixed Effects^a

Parameter	95% Confidence Upper Bound
Intercept	5,782125
[Session=1]	2,517726
[Session=3]	.
[Hemisphere=0]	3,606190
[Hemisphere=1]	.
[Prime=0]	3,026255
[Prime=1]	.
[Target=0]	2,747601
[Target=1]	.
[Session=1] * [Hemisphere=0]	3,057536
[Session=1] * [Hemisphere=1]	.
[Session=3] * [Hemisphere=0]	.
[Session=3] * [Hemisphere=1]	.
[Session=1] * [Prime=0]	3,148368
[Session=1] * [Prime=1]	.
[Session=3] * [Prime=0]	.
[Session=3] * [Prime=1]	.
[Session=1] * [Target=0]	3,308431
[Session=1] * [Target=1]	.
[Session=3] * [Target=0]	.
[Session=3] * [Target=1]	.
[Hemisphere=0] * [Prime=0]	5,205684
[Hemisphere=0] * [Prime=1]	.
[Hemisphere=1] * [Prime=0]	.
[Hemisphere=1] * [Prime=1]	.
[Hemisphere=0] * [Target=0]	1,271351
[Hemisphere=0] * [Target=1]	.
[Hemisphere=1] * [Target=0]	.

Estimates of Fixed Effects[a]

Parameter	Estimate	Std. Error	df	t	Sig.	95% ...
						Lower Bound
[Hemisphere=1] * [Target=1]	0[b]	0	.	.	.	.
[Prime=0] * [Target=0]	2,915384	2,071792	115,494	1,407	,162	-1,188249
[Prime=0] * [Target=1]	0[b]	0	.	.	.	.
[Prime=1] * [Target=0]	0[b]	0	.	.	.	.
[Prime=1] * [Target=1]	0[b]	0	.	.	.	.
[Session=1] * [Hemisphere=0] * [Prime=0]	-1,966052	2,451861	240,041	-,802	,423	-6,795962
[Session=1] * [Hemisphere=0] * [Prime=1]	0[b]	0	.	.	.	.
[Session=1] * [Hemisphere=1] * [Prime=0]	0[b]	0	.	.	.	.
[Session=1] * [Hemisphere=1] * [Prime=1]	0[b]	0	.	.	.	.
[Session=3] * [Hemisphere=0] * [Prime=0]	0[b]	0	.	.	.	.
[Session=3] * [Hemisphere=0] * [Prime=1]	0[b]	0	.	.	.	.
[Session=3] * [Hemisphere=1] * [Prime=0]	0[b]	0	.	.	.	.
[Session=3] * [Hemisphere=1] * [Prime=1]	0[b]	0	.	.	.	.
[Session=1] * [Hemisphere=0] * [Target=0]	1,836756	2,133070	287,230	,861	,390	-2,361676
[Session=1] * [Hemisphere=0] * [Target=1]	0[b]	0	.	.	.	.
[Session=1] * [Hemisphere=1] * [Target=0]	0[b]	0	.	.	.	.
[Session=1] * [Hemisphere=1] * [Target=1]	0[b]	0	.	.	.	.

Estimates of Fixed Effects[a]

Parameter	95% Confidence Upper Bound
[Hemisphere=1] * [Target=1]	.
[Prime=0] * [Target=0]	7,019018
[Prime=0] * [Target=1]	.
[Prime=1] * [Target=0]	.
[Prime=1] * [Target=1]	.
[Session=1] * [Hemisphere=0] * [Prime=0]	2,863859
[Session=1] * [Hemisphere=0] * [Prime=1]	.
[Session=1] * [Hemisphere=1] * [Prime=0]	.
[Session=1] * [Hemisphere=1] * [Prime=1]	.
[Session=3] * [Hemisphere=0] * [Prime=0]	.
[Session=3] * [Hemisphere=0] * [Prime=1]	.
[Session=3] * [Hemisphere=1] * [Prime=0]	.
[Session=3] * [Hemisphere=1] * [Prime=1]	.
[Session=1] * [Hemisphere=0] * [Target=0]	6,035188
[Session=1] * [Hemisphere=0] * [Target=1]	.
[Session=1] * [Hemisphere=1] * [Target=0]	.
[Session=1] * [Hemisphere=1] * [Target=1]	.

Estimates of Fixed Effects[a]

Parameter	Estimate	Std. Error	df	t	Sig.	95% ...
						Lower Bound
[Session=3] * [Hemisphere=0] * [Target=0]	0[b]	0	.	.	.	.
[Session=3] * [Hemisphere=0] * [Target=1]	0[b]	0	.	.	.	.
[Session=3] * [Hemisphere=1] * [Target=0]	0[b]	0	.	.	.	.
[Session=3] * [Hemisphere=1] * [Target=1]	0[b]	0	.	.	.	.
[Session=1] * [Prime=0] * [Target=0]	-2,128979	1,213434	110,260	-1,755	,082	-4,533657
[Session=1] * [Prime=0] * [Target=1]	0[b]	0	.	.	.	.
[Session=1] * [Prime=1] * [Target=0]	0[b]	0	.	.	.	.
[Session=1] * [Prime=1] * [Target=1]	0[b]	0	.	.	.	.
[Session=3] * [Prime=0] * [Target=0]	0[b]	0	.	.	.	.
[Session=3] * [Prime=0] * [Target=1]	0[b]	0	.	.	.	.
[Session=3] * [Prime=1] * [Target=0]	0[b]	0	.	.	.	.
[Session=3] * [Prime=1] * [Target=1]	0[b]	0	.	.	.	.
[Hemisphere=0] * [Prime=0] * [Target=0]	1,206399	3,333299	182,462	,362	,718	-5,370369
[Hemisphere=0] * [Prime=0] * [Target=1]	0[b]	0	.	.	.	.
[Hemisphere=0] * [Prime=1] * [Target=0]	0[b]	0	.	.	.	.
[Hemisphere=0] * [Prime=1] * [Target=1]	0[b]	0	.	.	.	.
[Hemisphere=1] * [Prime=0] * [Target=0]	0[b]	0	.	.	.	.
[Hemisphere=1] * [Prime=0] * [Target=1]	0[b]	0	.	.	.	.
[Hemisphere=1] * [Prime=1] * [Target=0]	0[b]	0	.	.	.	.

Estimates of Fixed Effects[a]

Parameter	95% Confidence Upper Bound
[Session=3] * [Hemisphere=0] * [Target=0]	.
[Session=3] * [Hemisphere=0] * [Target=1]	.
[Session=3] * [Hemisphere=1] * [Target=0]	.
[Session=3] * [Hemisphere=1] * [Target=1]	.
[Session=1] * [Prime=0] * [Target=0]	,275698
[Session=1] * [Prime=0] * [Target=1]	.
[Session=1] * [Prime=1] * [Target=0]	.
[Session=1] * [Prime=1] * [Target=1]	.
[Session=3] * [Prime=0] * [Target=0]	.
[Session=3] * [Prime=0] * [Target=1]	.
[Session=3] * [Prime=1] * [Target=0]	.
[Session=3] * [Prime=1] * [Target=1]	.
[Hemisphere=0] * [Prime=0] * [Target=0]	7,783167
[Hemisphere=0] * [Prime=0] * [Target=1]	.
[Hemisphere=0] * [Prime=1] * [Target=0]	.
[Hemisphere=0] * [Prime=1] * [Target=1]	.
[Hemisphere=1] * [Prime=0] * [Target=0]	.
[Hemisphere=1] * [Prime=0] * [Target=1]	.
[Hemisphere=1] * [Prime=1] * [Target=0]	.

Estimates of Fixed Effects^a

Parameter	Estimate	Std. Error	df	t	Sig.	95% ...
						Lower Bound
[Hemisphere=1] * [Prime=1] * [Target=1]	0^b	0	.	.	.	.
[Session=1] * [Hemisphere=0] * [Prime=0] * [Target=0]	,054348	1,788956	184,791	,030	,976	-3,475055
[Session=1] * [Hemisphere=0] * [Prime=0] * [Target=1]	0^b	0	.	.	.	.
[Session=1] * [Hemisphere=0] * [Prime=1] * [Target=0]	0^b	0	.	.	.	.
[Session=1] * [Hemisphere=0] * [Prime=1] * [Target=1]	0^b	0	.	.	.	.
[Session=1] * [Hemisphere=1] * [Prime=0] * [Target=0]	0^b	0	.	.	.	.
[Session=1] * [Hemisphere=1] * [Prime=0] * [Target=1]	0^b	0	.	.	.	.
[Session=1] * [Hemisphere=1] * [Prime=1] * [Target=0]	0^b	0	.	.	.	.
[Session=1] * [Hemisphere=1] * [Prime=1] * [Target=1]	0^b	0	.	.	.	.
[Session=3] * [Hemisphere=0] * [Prime=0] * [Target=0]	0^b	0	.	.	.	.
[Session=3] * [Hemisphere=0] * [Prime=0] * [Target=1]	0^b	0	.	.	.	.
[Session=3] * [Hemisphere=0] * [Prime=1] * [Target=0]	0^b	0	.	.	.	.
[Session=3] * [Hemisphere=0] * [Prime=1] * [Target=1]	0^b	0	.	.	.	.
[Session=3] * [Hemisphere=1] * [Prime=0] * [Target=0]	0^b	0	.	.	.	.
[Session=3] * [Hemisphere=1] * [Prime=0] * [Target=1]	0^b	0	.	.	.	.

Estimates of Fixed Effects^a

Parameter	95% Confidence Upper Bound
[Hemisphere=1] * [Prime=1] * [Target=1]	.
[Session=1] * [Hemisphere=0] * [Prime=0] * [Target=0]	3,583752
[Session=1] * [Hemisphere=0] * [Prime=0] * [Target=1]	.
[Session=1] * [Hemisphere=0] * [Prime=1] * [Target=0]	.
[Session=1] * [Hemisphere=0] * [Prime=1] * [Target=1]	.
[Session=1] * [Hemisphere=1] * [Prime=0] * [Target=0]	.
[Session=1] * [Hemisphere=1] * [Prime=0] * [Target=1]	.
[Session=1] * [Hemisphere=1] * [Prime=1] * [Target=0]	.
[Session=1] * [Hemisphere=1] * [Prime=1] * [Target=1]	.
[Session=3] * [Hemisphere=0] * [Prime=0] * [Target=0]	.
[Session=3] * [Hemisphere=0] * [Prime=0] * [Target=1]	.
[Session=3] * [Hemisphere=0] * [Prime=1] * [Target=0]	.
[Session=3] * [Hemisphere=0] * [Prime=1] * [Target=1]	.
[Session=3] * [Hemisphere=1] * [Prime=0] * [Target=0]	.
[Session=3] * [Hemisphere=1] * [Prime=0] * [Target=1]	.

Estimates of Fixed Effects^a

Parameter	Estimate	Std. Error	df	t	Sig.	95% ... Lower Bound
[Session=3] * [Hemisphere=1] * [Prime=1] * [Target=0]	0^b	0	.	.	.	.
[Session=3] * [Hemisphere=1] * [Prime=1] * [Target=1]	0^b	0	.	.	.	.
Visual_Component	-,062005	,366842	34,403	-,169	,867	-,807197
[Session=1] * Visual_Component	,455939	,413812	63,318	1,102	,275	-,370916
[Session=3] * Visual_Component	0^b	0	.	.	.	.
[Hemisphere=0] * Visual_Component	,991473	,475791	63,622	2,084	,041	,040863
[Hemisphere=1] * Visual_Component	0^b	0	.	.	.	.
[Prime=0] * Visual_Component	,121676	,487095	103,353	,250	,803	-,844322
[Prime=1] * Visual_Component	0^b	0	.	.	.	.
[Target=0] * Visual_Component	,404787	,434680	76,583	,931	,355	-,460847
[Target=1] * Visual_Component	0^b	0	.	.	.	.
[Session=1] * [Hemisphere=0] * Visual_Component	-,308136	,620185	139,254	-,497	,620	-1,534332
[Session=1] * [Hemisphere=1] * Visual_Component	0^b	0	.	.	.	.
[Session=3] * [Hemisphere=0] * Visual_Component	0^b	0	.	.	.	.
[Session=3] * [Hemisphere=1] * Visual_Component	0^b	0	.	.	.	.
[Session=1] * [Prime=0] * Visual_Component	-,326101	,513509	185,484	-,635	,526	-1,339170
[Session=1] * [Prime=1] * Visual_Component	0^b	0	.	.	.	.
[Session=3] * [Prime=0] * Visual_Component	0^b	0	.	.	.	.
[Session=3] * [Prime=1] * Visual_Component	0^b	0	.	.	.	.

Estimates of Fixed Effects[a]

Parameter	95% Confidence
	Upper Bound
[Session=3] * [Hemisphere=1] * [Prime=1] * [Target=0]	.
[Session=3] * [Hemisphere=1] * [Prime=1] * [Target=1]	.
Visual_Component	,683187
[Session=1] * Visual_Component	1,282794
[Session=3] * Visual_Component	.
[Hemisphere=0] * Visual_Component	1,942083
[Hemisphere=1] * Visual_Component	.
[Prime=0] * Visual_Component	1,087674
[Prime=1] * Visual_Component	.
[Target=0] * Visual_Component	1,270422
[Target=1] * Visual_Component	.
[Session=1] * [Hemisphere=0] * Visual_Component	,918060
[Session=1] * [Hemisphere=1] * Visual_Component	.
[Session=3] * [Hemisphere=0] * Visual_Component	.
[Session=3] * [Hemisphere=1] * Visual_Component	.
[Session=1] * [Prime=0] * Visual_Component	,686968
[Session=1] * [Prime=1] * Visual_Component	.
[Session=3] * [Prime=0] * Visual_Component	.
[Session=3] * [Prime=1] * Visual_Component	.

Estimates of Fixed Effects[a]

Parameter	Estimate	Std. Error	df	t	Sig.	95% ...
						Lower Bound
[Session=1] * [Target=0] * Visual_Component	-,381398	,504676	176,868	-,756	,451	-1,377361
[Session=1] * [Target=1] * Visual_Component	0[b]	0	.	.	.	.
[Session=3] * [Target=0] * Visual_Component	0[b]	0	.	.	.	.
[Session=3] * [Target=1] * Visual_Component	0[b]	0	.	.	.	.
[Hemisphere=0] * [Prime=0] * Visual_Component	-,182036	,647734	174,670	-,281	,779	-1,460429
[Hemisphere=0] * [Prime=1] * Visual_Component	0[b]	0	.	.	.	.
[Hemisphere=1] * [Prime=0] * Visual_Component	0[b]	0	.	.	.	.
[Hemisphere=1] * [Prime=1] * Visual_Component	0[b]	0	.	.	.	.
[Hemisphere=0] * [Target=0] * Visual_Component	-,756641	,614663	149,649	-1,231	,220	-1,971180
[Hemisphere=0] * [Target=1] * Visual_Component	0[b]	0	.	.	.	.
[Hemisphere=1] * [Target=0] * Visual_Component	0[b]	0	.	.	.	.
[Hemisphere=1] * [Target=1] * Visual_Component	0[b]	0	.	.	.	.
[Prime=0] * [Target=0] * Visual_Component	,510769	,506206	179,721	1,009	,314	-,488102
[Prime=0] * [Target=1] * Visual_Component	0[b]	0	.	.	.	.
[Prime=1] * [Target=0] * Visual_Component	0[b]	0	.	.	.	.
[Prime=1] * [Target=1] * Visual_Component	0[b]	0	.	.	.	.

Estimates of Fixed Effects[a]

Parameter	95% Confidence Upper Bound
[Session=1] * [Target=0] * Visual_Component	,614564
[Session=1] * [Target=1] * Visual_Component	.
[Session=3] * [Target=0] * Visual_Component	.
[Session=3] * [Target=1] * Visual_Component	.
[Hemisphere=0] * [Prime=0] * Visual_Component	1,096356
[Hemisphere=0] * [Prime=1] * Visual_Component	.
[Hemisphere=1] * [Prime=0] * Visual_Component	.
[Hemisphere=1] * [Prime=1] * Visual_Component	.
[Hemisphere=0] * [Target=0] * Visual_Component	,457898
[Hemisphere=0] * [Target=1] * Visual_Component	.
[Hemisphere=1] * [Target=0] * Visual_Component	.
[Hemisphere=1] * [Target=1] * Visual_Component	.
[Prime=0] * [Target=0] * Visual_Component	1,509640
[Prime=0] * [Target=1] * Visual_Component	.
[Prime=1] * [Target=0] * Visual_Component	.
[Prime=1] * [Target=1] * Visual_Component	.

Estimates of Fixed Effects[a]

Parameter	Estimate	Std. Error	df	t	Sig.	95% ...
						Lower Bound
[Session=1] * [Hemisphere=0] * [Prime=0] * Visual_Component	-,296604	,750985	355,229	-,395	,693	-1,773540
[Session=1] * [Hemisphere=0] * [Prime=1] * Visual_Component	0[b]	0	.	.	.	.
[Session=1] * [Hemisphere=1] * [Prime=0] * Visual_Component	0[b]	0	.	.	.	.
[Session=1] * [Hemisphere=1] * [Prime=1] * Visual_Component	0[b]	0	.	.	.	.
[Session=3] * [Hemisphere=0] * [Prime=0] * Visual_Component	0[b]	0	.	.	.	.
[Session=3] * [Hemisphere=0] * [Prime=1] * Visual_Component	0[b]	0	.	.	.	.
[Session=3] * [Hemisphere=1] * [Prime=0] * Visual_Component	0[b]	0	.	.	.	.
[Session=3] * [Hemisphere=1] * [Prime=1] * Visual_Component	0[b]	0	.	.	.	.
[Session=1] * [Hemisphere=0] * [Target=0] * Visual_Component	,771050	,736103	338,531	1,047	,296	-,676861
[Session=1] * [Hemisphere=0] * [Target=1] * Visual_Component	0[b]	0	.	.	.	.
[Session=1] * [Hemisphere=1] * [Target=0] * Visual_Component	0[b]	0	.	.	.	.

Estimates of Fixed Effects^a

Parameter	95% Confidence
	Upper Bound
[Session=1] * [Hemisphere=0] * [Prime=0] * Visual_Component	1,180332
[Session=1] * [Hemisphere=0] * [Prime=1] * Visual_Component	.
[Session=1] * [Hemisphere=1] * [Prime=0] * Visual_Component	.
[Session=1] * [Hemisphere=1] * [Prime=1] * Visual_Component	.
[Session=3] * [Hemisphere=0] * [Prime=0] * Visual_Component	.
[Session=3] * [Hemisphere=0] * [Prime=1] * Visual_Component	.
[Session=3] * [Hemisphere=1] * [Prime=0] * Visual_Component	.
[Session=3] * [Hemisphere=1] * [Prime=1] * Visual_Component	.
[Session=1] * [Hemisphere=0] * [Target=0] * Visual_Component	2,218961
[Session=1] * [Hemisphere=0] * [Target=1] * Visual_Component	.
[Session=1] * [Hemisphere=1] * [Target=0] * Visual_Component	.

Estimates of Fixed Effects[a]

Parameter	Estimate	Std. Error	df	t	Sig.	95% ...
						Lower Bound
[Session=1] * [Hemisphere=1] * [Target=1] * Visual_Component	0[b]	0	.	.	.	.
[Session=3] * [Hemisphere=0] * [Target=0] * Visual_Component	0[b]	0	.	.	.	.
[Session=3] * [Hemisphere=0] * [Target=1] * Visual_Component	0[b]	0	.	.	.	.
[Session=3] * [Hemisphere=1] * [Target=0] * Visual_Component	0[b]	0	.	.	.	.
[Session=3] * [Hemisphere=1] * [Target=1] * Visual_Component	0[b]	0	.	.	.	.
[Hemisphere=0] * [Prime=0] * [Target=0] * Visual_Component	,290840	,748286	342,678	,389	,698	-1,180973
[Hemisphere=0] * [Prime=0] * [Target=1] * Visual_Component	0[b]	0	.	.	.	.
[Hemisphere=0] * [Prime=1] * [Target=0] * Visual_Component	0[b]	0	.	.	.	.
[Hemisphere=0] * [Prime=1] * [Target=1] * Visual_Component	0[b]	0	.	.	.	.
[Hemisphere=1] * [Prime=0] * [Target=0] * Visual_Component	0[b]	0	.	.	.	.
[Hemisphere=1] * [Prime=0] * [Target=1] * Visual_Component	0[b]	0	.	.	.	.
[Hemisphere=1] * [Prime=1] * [Target=0] * Visual_Component	0[b]	0	.	.	.	.
[Hemisphere=1] * [Prime=1] * [Target=1] * Visual_Component	0[b]	0	.	.	.	.

Estimates of Fixed Effects[a]

Parameter	95% Confidence
	Upper Bound
[Session=1] * [Hemisphere=1] * [Target=1] * Visual_Component	.
[Session=3] * [Hemisphere=0] * [Target=0] * Visual_Component	.
[Session=3] * [Hemisphere=0] * [Target=1] * Visual_Component	.
[Session=3] * [Hemisphere=1] * [Target=0] * Visual_Component	.
[Session=3] * [Hemisphere=1] * [Target=1] * Visual_Component	.
[Hemisphere=0] * [Prime=0] * [Target=0] * Visual_Component	1,762653
[Hemisphere=0] * [Prime=0] * [Target=1] * Visual_Component	.
[Hemisphere=0] * [Prime=1] * [Target=0] * Visual_Component	.
[Hemisphere=0] * [Prime=1] * [Target=1] * Visual_Component	.
[Hemisphere=1] * [Prime=0] * [Target=0] * Visual_Component	.
[Hemisphere=1] * [Prime=0] * [Target=1] * Visual_Component	.
[Hemisphere=1] * [Prime=1] * [Target=0] * Visual_Component	.
[Hemisphere=1] * [Prime=1] * [Target=1] * Visual_Component	.

a. Dependent Variable: Numeric_Component.

b. This parameter is set to zero because it is redundant.

Covariance Parameters

Estimates of Covariance Parameters[a]

Parameter		Estimate	Std. Error
Repeated Measures	Var: [Session=1]*[Hemisphere=0]*[Prime=0]*[Target=0]	1,496476	,424867
	Var: [Session=1]*[Hemisphere=0]*[Prime=0]*[Target=1]	,822839	,233907
	Var: [Session=1]*[Hemisphere=0]*[Prime=1]*[Target=0]	,361702	,102556
	Var: [Session=1]*[Hemisphere=0]*[Prime=1]*[Target=1]	1,113104	,313863
	Var: [Session=1]*[Hemisphere=1]*[Prime=0]*[Target=0]	,922851	,259294
	Var: [Session=1]*[Hemisphere=1]*[Prime=0]*[Target=1]	1,275275	,362568
	Var: [Session=1]*[Hemisphere=1]*[Prime=1]*[Target=0]	,669082	,188991
	Var: [Session=1]*[Hemisphere=1]*[Prime=1]*[Target=1]	,517231	,144731
	Var: [Session=3]*[Hemisphere=0]*[Prime=0]*[Target=0]	1,071166	,302644
	Var: [Session=3]*[Hemisphere=0]*[Prime=0]*[Target=1]	1,056946	,296175
	Var: [Session=3]*[Hemisphere=0]*[Prime=1]*[Target=0]	,943642	,267521
	Var: [Session=3]*[Hemisphere=0]*[Prime=1]*[Target=1]	1,000753	,279971
	Var: [Session=3]*[Hemisphere=1]*[Prime=0]*[Target=0]	1,184812	,332079
	Var: [Session=3]*[Hemisphere=1]*[Prime=0]*[Target=1]	1,098458	,310964
	Var: [Session=3]*[Hemisphere=1]*[Prime=1]*[Target=0]	1,025797	,296534

Estimates of Covariance Parameters[a]

Parameter		Estimate	Std. Error
	Var: [Session=3]* [Hemisphere=1]*[Prime=1]* [Target=1]	1,057666	,299694
	CSH rho	,033815	,027757

a. Dependent Variable: Numeric_Component.

```
MIXED Numeric_Component BY Session Hemisphere Prime Target WITH Visual_Comp
onent
  /CRITERIA=CIN(95) MXITER(100) MXSTEP(10) SCORING(1) SINGULAR(0.0000000000
01) HCONVERGE(0,
    ABSOLUTE) LCONVERGE(0, ABSOLUTE) PCONVERGE(0.000001, ABSOLUTE)
  /FIXED=Session Hemisphere Prime Target Session*Hemisphere Session*Prime S
ession*Target
    Hemisphere*Prime Hemisphere*Target Prime*Target Session*Hemisphere*Prim
e Session*Hemisphere*Target
    Session*Prime*Target Hemisphere*Prime*Target Session*Hemisphere*Prime*T
arget
    Visual_Component Session*Visual_Component
    Hemisphere*Visual_Component Prime*Visual_Component Target*Visual_Compon
ent Session*Hemisphere*Visual_Component Session*Prime*Visual_Component
    Session*Target*Visual_Component Hemisphere*Prime*Visual_Component Hemis
phere*Target*Visual_Component Prime*Target*Visual_Component
    Session*Hemisphere*Prime*Visual_Component Session*Hemisphere*Target*Vis
ual_Component
      | SSTYPE(3)
  /METHOD=ML
  /PRINT=SOLUTION
  /REPEATED=Session*Hemisphere*Prime*Target | SUBJECT(PP) COVTYPE(CSH).
```

Mixed Model Analysis

Model Dimension[a]

		Number of Levels	Covariance Structure	Number of Parameters
Fixed Effects	Intercept	1		1
	Session	2		1
	Hemisphere	2		1
	Prime	2		1
	Target	2		1
	Session * Hemisphere	4		1
	Session * Prime	4		1
	Session * Target	4		1
	Hemisphere * Prime	4		1
	Hemisphere * Target	4		1
	Prime * Target	4		1
	Session * Hemisphere * Prime	8		1
	Session * Hemisphere * Target	8		1
	Session * Prime * Target	8		1
	Hemisphere * Prime * Target	8		1
	Session * Hemisphere * Prime * Target	16		1
	Visual_Component	1		1
	Session * Visual_Component	2		1
	Hemisphere * Visual_Component	2		1
	Prime * Visual_Component	2		1
	Target * Visual_Component	2		1
	Session * Hemisphere * Visual_Component	4		1
	Session * Prime * Visual_Component	4		1
	Session * Target * Visual_Component	4		1
	Hemisphere * Prime * Visual_Component	4		1
	Hemisphere * Target * Visual_Component	4		1
	Prime * Target * Visual_Component	4		1

Model Dimension[a]

		Subject Variables	Number of Subjects
Fixed Effects	Intercept		
	Session		
	Hemisphere		
	Prime		
	Target		
	Session * Hemisphere		
	Session * Prime		
	Session * Target		
	Hemisphere * Prime		
	Hemisphere * Target		
	Prime * Target		
	Session * Hemisphere * Prime		
	Session * Hemisphere * Target		
	Session * Prime * Target		
	Hemisphere * Prime * Target		
	Session * Hemisphere * Prime * Target		
	Visual_Component		
	Session * Visual_Component		
	Hemisphere * Visual_Component		
	Prime * Visual_Component		
	Target * Visual_Component		
	Session * Hemisphere * Visual_Component		
	Session * Prime * Visual_Component		
	Session * Target * Visual_Component		
	Hemisphere * Prime * Visual_Component		
	Hemisphere * Target * Visual_Component		
	Prime * Target * Visual_Component		

Model Dimension[a]

		Number of Levels	Covariance Structure	Number of Parameters
	Session * Hemisphere * Prime * Visual_Component	8		1
	Session * Hemisphere * Target * Visual_Component	8		1
Repeated Effects	Session * Hemisphere * Prime * Target	16	Heterogeneous Compound Symmetry	17
Total		146		46

Model Dimension[a]

		Subject Variables	Number of Subjects
	Session * Hemisphere * Prime * Visual_Component		
	Session * Hemisphere * Target * Visual_Component		
Repeated Effects	Session * Hemisphere * Prime * Target	PP	25
Total			

a. Dependent Variable: Numeric_Component.

Information Criteria[a]

-2 Log Likelihood	1102,958
Akaike's Information Criterion (AIC)	1194,958
Hurvich and Tsai's Criterion (AICC)	1207,207
Bozdogan's Criterion (CAIC)	1424,565
Schwarz's Bayesian Criterion (BIC)	1378,565

The information criteria are displayed in smaller-is-better form.

a. Dependent Variable: Numeric_Component.

Fixed Effects

Type III Tests of Fixed Effects[a]

Source	Numerator df	Denominator df	F	Sig.
Intercept	1	239,714	266,647	,000
Session	1	253,171	,350	,555
Hemisphere	1	239,586	2,088	,150
Prime	1	229,993	1,391	,239
Target	1	253,089	4,758	,030
Session * Hemisphere	1	260,976	,000	,992
Session * Prime	1	265,154	2,033	,155
Session * Target	1	290,286	,095	,758
Hemisphere * Prime	1	258,991	,048	,828
Hemisphere * Target	1	296,741	,313	,576
Prime * Target	1	252,720	2,804	,095
Session * Hemisphere * Prime	1	267,337	,448	,504
Session * Hemisphere * Target	1	300,834	,551	,459
Session * Prime * Target	1	190,839	5,431	,021
Hemisphere * Prime * Target	1	194,774	,036	,849
Session * Hemisphere * Prime * Target	1	218,115	,019	,890
Visual_Component	1	339,359	50,096	,000
Session * Visual_Component	1	338,045	,102	,749
Hemisphere * Visual_Component	1	332,664	8,828	,003
Prime * Visual_Component	1	339,314	,386	,535
Target * Visual_Component	1	347,466	3,503	,062
Session * Hemisphere * Visual_Component	1	346,240	,035	,851
Session * Prime * Visual_Component	1	347,403	1,475	,225
Session * Target * Visual_Component	1	338,608	,000	,996
Hemisphere * Prime * Visual_Component	1	336,258	,255	,614
Hemisphere * Target * Visual_Component	1	335,883	,497	,482

Type III Tests of Fixed Effects[a]

Source	Numerator df	Denominator df	F	Sig.
Prime * Target * Visual_Component	1	349,939	2,960	,086
Session * Hemisphere * Prime * Visual_Component	1	355,259	,152	,697
Session * Hemisphere * Target * Visual_Component	1	337,485	1,079	,300

a. Dependent Variable: Numeric_Component.

Estimates of Fixed Effects[a]

Parameter	Estimate	Std. Error	df	t	Sig.	95% ... Lower Bound
Intercept	4,253993	,765537	37,277	5,557	,000	2,703257
[Session=1]	,696032	,887997	65,180	,784	,436	-1,077328
[Session=3]	0[b]	0	.	.	.	.
[Hemisphere=0]	1,290592	1,034593	76,323	1,247	,216	-,769837
[Hemisphere=1]	0[b]	0	.	.	.	.
[Prime=0]	-,476591	1,501530	70,008	-,317	,752	-3,471292
[Prime=1]	0[b]	0	.	.	.	.
[Target=0]	,527372	1,001420	88,871	,527	,600	-1,462469
[Target=1]	0[b]	0	.	.	.	.
[Session=1] * [Hemisphere=0]	,009678	1,532105	123,211	,006	,995	-3,022978
[Session=1] * [Hemisphere=1]	0[b]	0	.	.	.	.
[Session=3] * [Hemisphere=0]	0[b]	0	.	.	.	.
[Session=3] * [Hemisphere=1]	0[b]	0	.	.	.	.
[Session=1] * [Prime=0]	,034645	1,601013	109,381	,022	,983	-3,138387
[Session=1] * [Prime=1]	0[b]	0	.	.	.	.
[Session=3] * [Prime=0]	0[b]	0	.	.	.	.
[Session=3] * [Prime=1]	0[b]	0	.	.	.	.
[Session=1] * [Target=0]	,524632	1,388768	138,257	,378	,706	-2,221339
[Session=1] * [Target=1]	0[b]	0	.	.	.	.
[Session=3] * [Target=0]	0[b]	0	.	.	.	.

Estimates of Fixed Effects^a

Parameter	95% Confidence Upper Bound
Intercept	5,804729
[Session=1]	2,469391
[Session=3]	.
[Hemisphere=0]	3,351022
[Hemisphere=1]	.
[Prime=0]	2,518109
[Prime=1]	.
[Target=0]	2,517212
[Target=1]	.
[Session=1] * [Hemisphere=0]	3,042334
[Session=1] * [Hemisphere=1]	.
[Session=3] * [Hemisphere=0]	.
[Session=3] * [Hemisphere=1]	.
[Session=1] * [Prime=0]	3,207677
[Session=1] * [Prime=1]	.
[Session=3] * [Prime=0]	.
[Session=3] * [Prime=1]	.
[Session=1] * [Target=0]	3,270604
[Session=1] * [Target=1]	.
[Session=3] * [Target=0]	.

Estimates of Fixed Effects^a

Parameter	Estimate	Std. Error	df	t	Sig.	95% ... Lower Bound
[Session=3] * [Target=1]	0^b	0	.	.	.	.
[Hemisphere=0] * [Prime=0]	1,234149	1,910958	130,673	,646	,520	-2,546270
[Hemisphere=0] * [Prime=1]	0^b	0	.	.	.	.
[Hemisphere=1] * [Prime=0]	0^b	0	.	.	.	.
[Hemisphere=1] * [Prime=1]	0^b	0	.	.	.	.
[Hemisphere=0] * [Target=0]	-1,754255	1,489001	147,231	-1,178	,241	-4,696830
[Hemisphere=0] * [Target=1]	0^b	0	.	.	.	.
[Hemisphere=1] * [Target=0]	0^b	0	.	.	.	.
[Hemisphere=1] * [Target=1]	0^b	0	.	.	.	.
[Prime=0] * [Target=0]	3,390588	1,673051	156,790	2,027	,044	,085960
[Prime=0] * [Target=1]	0^b	0	.	.	.	.
[Prime=1] * [Target=0]	0^b	0	.	.	.	.
[Prime=1] * [Target=1]	0^b	0	.	.	.	.
[Session=1] * [Hemisphere=0] * [Prime=0]	-2,020477	2,449188	247,435	-,825	,410	-6,844391
[Session=1] * [Hemisphere=0] * [Prime=1]	0^b	0	.	.	.	.
[Session=1] * [Hemisphere=1] * [Prime=0]	0^b	0	.	.	.	.
[Session=1] * [Hemisphere=1] * [Prime=1]	0^b	0	.	.	.	.
[Session=3] * [Hemisphere=0] * [Prime=0]	0^b	0	.	.	.	.
[Session=3] * [Hemisphere=0] * [Prime=1]	0^b	0	.	.	.	.
[Session=3] * [Hemisphere=1] * [Prime=0]	0^b	0	.	.	.	.

Estimates of Fixed Effects^a

Parameter	95% Confidence
	Upper Bound
[Session=3] * [Target=1]	.
[Hemisphere=0] * [Prime=0]	5,014567
[Hemisphere=0] * [Prime=1]	.
[Hemisphere=1] * [Prime=0]	.
[Hemisphere=1] * [Prime=1]	.
[Hemisphere=0] * [Target=0]	1,188321
[Hemisphere=0] * [Target=1]	.
[Hemisphere=1] * [Target=0]	.
[Hemisphere=1] * [Target=1]	.
[Prime=0] * [Target=0]	6,695215
[Prime=0] * [Target=1]	.
[Prime=1] * [Target=0]	.
[Prime=1] * [Target=1]	.
[Session=1] * [Hemisphere=0] * [Prime=0]	2,803438
[Session=1] * [Hemisphere=0] * [Prime=1]	.
[Session=1] * [Hemisphere=1] * [Prime=0]	.
[Session=1] * [Hemisphere=1] * [Prime=1]	.
[Session=3] * [Hemisphere=0] * [Prime=0]	.
[Session=3] * [Hemisphere=0] * [Prime=1]	.
[Session=3] * [Hemisphere=1] * [Prime=0]	.

Estimates of Fixed Effects^a

Parameter	Estimate	Std. Error	df	t	Sig.	95% ...
						Lower Bound
[Session=3] * [Hemisphere=1] * [Prime=1]	0^b	0	.	.	.	.
[Session=1] * [Hemisphere=0] * [Target=0]	1,852928	2,132803	288,478	,869	,386	-2,344901
[Session=1] * [Hemisphere=0] * [Target=1]	0^b	0	.	.	.	.
[Session=1] * [Hemisphere=1] * [Target=0]	0^b	0	.	.	.	.
[Session=1] * [Hemisphere=1] * [Target=1]	0^b	0	.	.	.	.
[Session=3] * [Hemisphere=0] * [Target=0]	0^b	0	.	.	.	.
[Session=3] * [Hemisphere=0] * [Target=1]	0^b	0	.	.	.	.
[Session=3] * [Hemisphere=1] * [Target=0]	0^b	0	.	.	.	.
[Session=3] * [Hemisphere=1] * [Target=1]	0^b	0	.	.	.	.
[Session=1] * [Prime=0] * [Target=0]	-2,193945	1,201264	115,391	-1,826	,070	-4,573332
[Session=1] * [Prime=0] * [Target=1]	0^b	0	.	.	.	.
[Session=1] * [Prime=1] * [Target=0]	0^b	0	.	.	.	.
[Session=1] * [Prime=1] * [Target=1]	0^b	0	.	.	.	.
[Session=3] * [Prime=0] * [Target=0]	0^b	0	.	.	.	.
[Session=3] * [Prime=0] * [Target=1]	0^b	0	.	.	.	.
[Session=3] * [Prime=1] * [Target=0]	0^b	0	.	.	.	.
[Session=3] * [Prime=1] * [Target=1]	0^b	0	.	.	.	.
[Hemisphere=0] * [Prime=0] * [Target=0]	,050146	1,503966	130,067	,033	,973	-2,925257

Estimates of Fixed Effects^a

Parameter	95% Confidence
	Upper Bound
[Session=3] * [Hemisphere=1] * [Prime=1]	.
[Session=1] * [Hemisphere=0] * [Target=0]	6,050756
[Session=1] * [Hemisphere=0] * [Target=1]	.
[Session=1] * [Hemisphere=1] * [Target=0]	.
[Session=1] * [Hemisphere=1] * [Target=1]	.
[Session=3] * [Hemisphere=0] * [Target=0]	.
[Session=3] * [Hemisphere=0] * [Target=1]	.
[Session=3] * [Hemisphere=1] * [Target=0]	.
[Session=3] * [Hemisphere=1] * [Target=1]	.
[Session=1] * [Prime=0] * [Target=0]	,185443
[Session=1] * [Prime=0] * [Target=1]	.
[Session=1] * [Prime=1] * [Target=0]	.
[Session=1] * [Prime=1] * [Target=1]	.
[Session=3] * [Prime=0] * [Target=0]	.
[Session=3] * [Prime=0] * [Target=1]	.
[Session=3] * [Prime=1] * [Target=0]	.
[Session=3] * [Prime=1] * [Target=1]	.
[Hemisphere=0] * [Prime=0] * [Target=0]	3,025549

Estimates of Fixed Effects[a]

Parameter	Estimate	Std. Error	df	t	Sig.	95% ... Lower Bound
[Hemisphere=0] * [Prime=0] * [Target=1]	0[b]	0	.	.	.	.
[Hemisphere=0] * [Prime=1] * [Target=0]	0[b]	0	.	.	.	.
[Hemisphere=0] * [Prime=1] * [Target=1]	0[b]	0	.	.	.	.
[Hemisphere=1] * [Prime=0] * [Target=0]	0[b]	0	.	.	.	.
[Hemisphere=1] * [Prime=0] * [Target=1]	0[b]	0	.	.	.	.
[Hemisphere=1] * [Prime=1] * [Target=0]	0[b]	0	.	.	.	.
[Hemisphere=1] * [Prime=1] * [Target=1]	0[b]	0	.	.	.	.
[Session=1] * [Hemisphere=0] * [Prime=0] * [Target=0]	,237998	1,724184	218,115	,138	,890	-3,160195
[Session=1] * [Hemisphere=0] * [Prime=0] * [Target=1]	0[b]	0	.	.	.	.
[Session=1] * [Hemisphere=0] * [Prime=1] * [Target=0]	0[b]	0	.	.	.	.
[Session=1] * [Hemisphere=0] * [Prime=1] * [Target=1]	0[b]	0	.	.	.	.
[Session=1] * [Hemisphere=1] * [Prime=0] * [Target=0]	0[b]	0	.	.	.	.
[Session=1] * [Hemisphere=1] * [Prime=0] * [Target=1]	0[b]	0	.	.	.	.
[Session=1] * [Hemisphere=1] * [Prime=1] * [Target=0]	0[b]	0	.	.	.	.
[Session=1] * [Hemisphere=1] * [Prime=1] * [Target=1]	0[b]	0	.	.	.	.
[Session=3] * [Hemisphere=0] * [Prime=0] * [Target=0]	0[b]	0	.	.	.	.
[Session=3] * [Hemisphere=0] * [Prime=0] * [Target=1]	0[b]	0	.	.	.	.

Estimates of Fixed Effects^a

Parameter	95% Confidence Upper Bound
[Hemisphere=0] * [Prime=0] * [Target=1]	.
[Hemisphere=0] * [Prime=1] * [Target=0]	.
[Hemisphere=0] * [Prime=1] * [Target=1]	.
[Hemisphere=1] * [Prime=0] * [Target=0]	.
[Hemisphere=1] * [Prime=0] * [Target=1]	.
[Hemisphere=1] * [Prime=1] * [Target=0]	.
[Hemisphere=1] * [Prime=1] * [Target=1]	.
[Session=1] * [Hemisphere=0] * [Prime=0] * [Target=0]	3,636192
[Session=1] * [Hemisphere=0] * [Prime=0] * [Target=1]	.
[Session=1] * [Hemisphere=0] * [Prime=1] * [Target=0]	.
[Session=1] * [Hemisphere=0] * [Prime=1] * [Target=1]	.
[Session=1] * [Hemisphere=1] * [Prime=0] * [Target=0]	.
[Session=1] * [Hemisphere=1] * [Prime=0] * [Target=1]	.
[Session=1] * [Hemisphere=1] * [Prime=1] * [Target=0]	.
[Session=1] * [Hemisphere=1] * [Prime=1] * [Target=1]	.
[Session=3] * [Hemisphere=0] * [Prime=0] * [Target=0]	.
[Session=3] * [Hemisphere=0] * [Prime=0] * [Target=1]	.

Estimates of Fixed Effects^a

Parameter	Estimate	Std. Error	df	t	Sig.	95% ...
						Lower Bound
[Session=3] * [Hemisphere=0] * [Prime=1] * [Target=0]	0^b	0	.	.	.	.
[Session=3] * [Hemisphere=0] * [Prime=1] * [Target=1]	0^b	0	.	.	.	.
[Session=3] * [Hemisphere=1] * [Prime=0] * [Target=0]	0^b	0	.	.	.	.
[Session=3] * [Hemisphere=1] * [Prime=0] * [Target=1]	0^b	0	.	.	.	.
[Session=3] * [Hemisphere=1] * [Prime=1] * [Target=0]	0^b	0	.	.	.	.
[Session=3] * [Hemisphere=1] * [Prime=1] * [Target=1]	0^b	0	.	.	.	.
Visual_Component	-,027264	,356064	38,566	-,077	,939	-,747730
[Session=1] * Visual_Component	,437952	,411432	67,284	1,064	,291	-,383207
[Session=3] * Visual_Component	0^b	0	.	.	.	.
[Hemisphere=0] * Visual_Component	,930408	,449392	77,973	2,070	,042	,035733
[Hemisphere=1] * Visual_Component	0^b	0	.	.	.	.
[Prime=0] * Visual_Component	,042032	,442876	131,991	,095	,925	-,834021
[Prime=1] * Visual_Component	0^b	0	.	.	.	.
[Target=0] * Visual_Component	,349814	,411787	90,285	,850	,398	-,468238
[Target=1] * Visual_Component	0^b	0	.	.	.	.
[Session=1] * [Hemisphere=0] * Visual_Component	-,305551	,620280	139,066	-,493	,623	-1,531951
[Session=1] * [Hemisphere=1] * Visual_Component	0^b	0	.	.	.	.
[Session=3] * [Hemisphere=0] * Visual_Component	0^b	0	.	.	.	.

Estimates of Fixed Effects^a

Parameter	95% Confidence
	Upper Bound
[Session=3] * [Hemisphere=0] * [Prime=1] * [Target=0]	.
[Session=3] * [Hemisphere=0] * [Prime=1] * [Target=1]	.
[Session=3] * [Hemisphere=1] * [Prime=0] * [Target=0]	.
[Session=3] * [Hemisphere=1] * [Prime=0] * [Target=1]	.
[Session=3] * [Hemisphere=1] * [Prime=1] * [Target=0]	.
[Session=3] * [Hemisphere=1] * [Prime=1] * [Target=1]	.
Visual_Component	,693202
[Session=1] * Visual_Component	1,259110
[Session=3] * Visual_Component	.
[Hemisphere=0] * Visual_Component	1,825083
[Hemisphere=1] * Visual_Component	.
[Prime=0] * Visual_Component	,918084
[Prime=1] * Visual_Component	.
[Target=0] * Visual_Component	1,167866
[Target=1] * Visual_Component	.
[Session=1] * [Hemisphere=0] * Visual_Component	,920848
[Session=1] * [Hemisphere=1] * Visual_Component	.
[Session=3] * [Hemisphere=0] * Visual_Component	.

Estimates of Fixed Effects^a

Parameter	Estimate	Std. Error	df	t	Sig.	95% ... Lower Bound
[Session=3] * [Hemisphere=1] * Visual_Component	0^b	0	.	.	.	.
[Session=1] * [Prime=0] * Visual_Component	-,307466	,511591	187,484	-,601	,549	-1,316681
[Session=1] * [Prime=1] * Visual_Component	0^b	0	.	.	.	.
[Session=3] * [Prime=0] * Visual_Component	0^b	0	.	.	.	.
[Session=3] * [Prime=1] * Visual_Component	0^b	0	.	.	.	.
[Session=1] * [Target=0] * Visual_Component	-,380467	,504779	176,696	-,754	,452	-1,376638
[Session=1] * [Target=1] * Visual_Component	0^b	0	.	.	.	.
[Session=3] * [Target=0] * Visual_Component	0^b	0	.	.	.	.
[Session=3] * [Target=1] * Visual_Component	0^b	0	.	.	.	.
[Hemisphere=0] * [Prime=0] * Visual_Component	-,042838	,540382	195,809	-,079	,937	-1,108554
[Hemisphere=0] * [Prime=1] * Visual_Component	0^b	0	.	.	.	.
[Hemisphere=1] * [Prime=0] * Visual_Component	0^b	0	.	.	.	.
[Hemisphere=1] * [Prime=1] * Visual_Component	0^b	0	.	.	.	.
[Hemisphere=0] * [Target=0] * Visual_Component	-,640952	,537771	181,626	-1,192	,235	-1,702034
[Hemisphere=0] * [Target=1] * Visual_Component	0^b	0	.	.	.	.
[Hemisphere=1] * [Target=0] * Visual_Component	0^b	0	.	.	.	.
[Hemisphere=1] * [Target=1] * Visual_Component	0^b	0	.	.	.	.
[Prime=0] * [Target=0] * Visual_Component	,643752	,374165	349,939	1,721	,086	-,092142

Estimates of Fixed Effects^a

Parameter	95% Confidence
	Upper Bound
[Session=3] * [Hemisphere=1] * Visual_Component	.
[Session=1] * [Prime=0] * Visual_Component	,701749
[Session=1] * [Prime=1] * Visual_Component	.
[Session=3] * [Prime=0] * Visual_Component	.
[Session=3] * [Prime=1] * Visual_Component	.
[Session=1] * [Target=0] * Visual_Component	,615704
[Session=1] * [Target=1] * Visual_Component	.
[Session=3] * [Target=0] * Visual_Component	.
[Session=3] * [Target=1] * Visual_Component	.
[Hemisphere=0] * [Prime=0] * Visual_Component	1,022878
[Hemisphere=0] * [Prime=1] * Visual_Component	.
[Hemisphere=1] * [Prime=0] * Visual_Component	.
[Hemisphere=1] * [Prime=1] * Visual_Component	.
[Hemisphere=0] * [Target=0] * Visual_Component	,420130
[Hemisphere=0] * [Target=1] * Visual_Component	.
[Hemisphere=1] * [Target=0] * Visual_Component	.
[Hemisphere=1] * [Target=1] * Visual_Component	.
[Prime=0] * [Target=0] * Visual_Component	1,379647

Estimates of Fixed Effects[a]

Parameter	Estimate	Std. Error	df	t	Sig.	95% ... Lower Bound
[Prime=0] * [Target=1] * Visual_Component	0[b]	0	.	.	.	.
[Prime=1] * [Target=0] * Visual_Component	0[b]	0	.	.	.	.
[Prime=1] * [Target=1] * Visual_Component	0[b]	0	.	.	.	.
[Session=1] * [Hemisphere=0] * [Prime=0] * Visual_Component	-,292885	,750961	355,259	-,390	,697	-1,769773
[Session=1] * [Hemisphere=0] * [Prime=1] * Visual_Component	0[b]	0	.	.	.	.
[Session=1] * [Hemisphere=1] * [Prime=0] * Visual_Component	0[b]	0	.	.	.	.
[Session=1] * [Hemisphere=1] * [Prime=1] * Visual_Component	0[b]	0	.	.	.	.
[Session=3] * [Hemisphere=0] * [Prime=0] * Visual_Component	0[b]	0	.	.	.	.
[Session=3] * [Hemisphere=0] * [Prime=1] * Visual_Component	0[b]	0	.	.	.	.
[Session=3] * [Hemisphere=1] * [Prime=0] * Visual_Component	0[b]	0	.	.	.	.
[Session=3] * [Hemisphere=1] * [Prime=1] * Visual_Component	0[b]	0	.	.	.	.
[Session=1] * [Hemisphere=0] * [Target=0] * Visual_Component	,764496	,736077	337,485	1,039	,300	-,683381

Estimates of Fixed Effects[a]

Parameter	95% Confidence Upper Bound
[Prime=0] * [Target=1] * Visual_Component	.
[Prime=1] * [Target=0] * Visual_Component	.
[Prime=1] * [Target=1] * Visual_Component	.
[Session=1] * [Hemisphere=0] * [Prime=0] * Visual_Component	1,184004
[Session=1] * [Hemisphere=0] * [Prime=1] * Visual_Component	.
[Session=1] * [Hemisphere=1] * [Prime=0] * Visual_Component	.
[Session=1] * [Hemisphere=1] * [Prime=1] * Visual_Component	.
[Session=3] * [Hemisphere=0] * [Prime=0] * Visual_Component	.
[Session=3] * [Hemisphere=0] * [Prime=1] * Visual_Component	.
[Session=3] * [Hemisphere=1] * [Prime=0] * Visual_Component	.
[Session=3] * [Hemisphere=1] * [Prime=1] * Visual_Component	.
[Session=1] * [Hemisphere=0] * [Target=0] * Visual_Component	2,212373

Estimates of Fixed Effects[a]

Parameter	Estimate	Std. Error	df	t	Sig.	95% ...
						Lower Bound
[Session=1] * [Hemisphere=0] * [Target=1] * Visual_Component	0[b]	0	.	.	.	.
[Session=1] * [Hemisphere=1] * [Target=0] * Visual_Component	0[b]	0	.	.	.	.
[Session=1] * [Hemisphere=1] * [Target=1] * Visual_Component	0[b]	0	.	.	.	.
[Session=3] * [Hemisphere=0] * [Target=0] * Visual_Component	0[b]	0	.	.	.	.
[Session=3] * [Hemisphere=0] * [Target=1] * Visual_Component	0[b]	0	.	.	.	.
[Session=3] * [Hemisphere=1] * [Target=0] * Visual_Component	0[b]	0	.	.	.	.
[Session=3] * [Hemisphere=1] * [Target=1] * Visual_Component	0[b]	0	.	.	.	.

Estimates of Fixed Effects[a]

Parameter	95% Confidence
	Upper Bound
[Session=1] * [Hemisphere=0] * [Target=1] * Visual_Component	.
[Session=1] * [Hemisphere=1] * [Target=0] * Visual_Component	.
[Session=1] * [Hemisphere=1] * [Target=1] * Visual_Component	.
[Session=3] * [Hemisphere=0] * [Target=0] * Visual_Component	.
[Session=3] * [Hemisphere=0] * [Target=1] * Visual_Component	.
[Session=3] * [Hemisphere=1] * [Target=0] * Visual_Component	.
[Session=3] * [Hemisphere=1] * [Target=1] * Visual_Component	.

a. Dependent Variable: Numeric_Component.

b. This parameter is set to zero because it is redundant.

Covariance Parameters

Estimates of Covariance Parameters[a]

Parameter		Estimate	Std. Error
Repeated Measures	Var: [Session=1]*[Hemisphere=0]*[Prime=0]*[Target=0]	1,498518	,425764
	Var: [Session=1]*[Hemisphere=0]*[Prime=0]*[Target=1]	,823549	,234163
	Var: [Session=1]*[Hemisphere=0]*[Prime=1]*[Target=0]	,361907	,102636
	Var: [Session=1]*[Hemisphere=0]*[Prime=1]*[Target=1]	1,113403	,313940
	Var: [Session=1]*[Hemisphere=1]*[Prime=0]*[Target=0]	,922912	,259250
	Var: [Session=1]*[Hemisphere=1]*[Prime=0]*[Target=1]	1,273958	,361894
	Var: [Session=1]*[Hemisphere=1]*[Prime=1]*[Target=0]	,669010	,188902
	Var: [Session=1]*[Hemisphere=1]*[Prime=1]*[Target=1]	,516513	,144402
	Var: [Session=3]*[Hemisphere=0]*[Prime=0]*[Target=0]	1,073203	,303462
	Var: [Session=3]*[Hemisphere=0]*[Prime=0]*[Target=1]	1,057033	,296235
	Var: [Session=3]*[Hemisphere=0]*[Prime=1]*[Target=0]	,943768	,267560
	Var: [Session=3]*[Hemisphere=0]*[Prime=1]*[Target=1]	1,001066	,280115
	Var: [Session=3]*[Hemisphere=1]*[Prime=0]*[Target=0]	1,185693	,332578
	Var: [Session=3]*[Hemisphere=1]*[Prime=0]*[Target=1]	1,100797	,312013
	Var: [Session=3]*[Hemisphere=1]*[Prime=1]*[Target=0]	1,027920	,297435
	Var: [Session=3]*[Hemisphere=1]*[Prime=1]*[Target=1]	1,059534	,300537
	CSH rho	,034477	,027852

a. Dependent Variable: Numeric_Component.

```
MIXED Numeric_Component BY Session Hemisphere Prime Target WITH Visual_Comp
onent
  /CRITERIA=CIN(95) MXITER(100) MXSTEP(10) SCORING(1) SINGULAR(0.0000000000
01) HCONVERGE(0,
    ABSOLUTE) LCONVERGE(0, ABSOLUTE) PCONVERGE(0.000001, ABSOLUTE)
  /FIXED=Session Hemisphere Prime Target Session*Hemisphere Session*Prime S
ession*Target
    Hemisphere*Prime Hemisphere*Target Prime*Target Session*Hemisphere*Prim
e Session*Hemisphere*Target
    Session*Prime*Target Hemisphere*Prime*Target Session*Hemisphere*Prime*T
arget
    Visual_Component Session*Visual_Component
    Hemisphere*Visual_Component Prime*Visual_Component Target*Visual_Compon
ent Session*Hemisphere*Visual_Component Session*Prime*Visual_Component
    Session*Target*Visual_Component Hemisphere*Prime*Visual_Component Hemis
phere*Target*Visual_Component Prime*Target*Visual_Component
     Session*Hemisphere*Target*Visual_Component
      | SSTYPE(3)
  /METHOD=ML
  /PRINT=SOLUTION
  /REPEATED=Session*Hemisphere*Prime*Target | SUBJECT(PP) COVTYPE(CSH).
```

Mixed Model Analysis

Model Dimension[a]

		Number of Levels	Covariance Structure	Number of Parameters
Fixed Effects	Intercept	1		1
	Session	2		1

Model Dimension[a]

		Subject Variables	Number of Subjects
Fixed Effects	Intercept		
	Session		

Model Dimension[a]

	Number of Levels	Covariance Structure	Number of Parameters
Hemisphere	2		1
Prime	2		1
Target	2		1
Session * Hemisphere	4		1
Session * Prime	4		1
Session * Target	4		1
Hemisphere * Prime	4		1
Hemisphere * Target	4		1
Prime * Target	4		1
Session * Hemisphere * Prime	8		1
Session * Hemisphere * Target	8		1
Session * Prime * Target	8		1
Hemisphere * Prime * Target	8		1
Session * Hemisphere * Prime * Target	16		1
Visual_Component	1		1
Session * Visual_Component	2		1
Hemisphere * Visual_Component	2		1
Prime * Visual_Component	2		1
Target * Visual_Component	2		1
Session * Hemisphere * Visual_Component	4		1
Session * Prime * Visual_Component	4		1
Session * Target * Visual_Component	4		1
Hemisphere * Prime * Visual_Component	4		1
Hemisphere * Target * Visual_Component	4		1
Prime * Target * Visual_Component	4		1
Session * Hemisphere * Target * Visual_Component	8		1

Model Dimension[a]

	Subject Variables	Number of Subjects
Hemisphere		
Prime		
Target		
Session * Hemisphere		
Session * Prime		
Session * Target		
Hemisphere * Prime		
Hemisphere * Target		
Prime * Target		
Session * Hemisphere * Prime		
Session * Hemisphere * Target		
Session * Prime * Target		
Hemisphere * Prime * Target		
Session * Hemisphere * Prime * Target		
Visual_Component		
Session * Visual_Component		
Hemisphere * Visual_Component		
Prime * Visual_Component		
Target * Visual_Component		
Session * Hemisphere * Visual_Component		
Session * Prime * Visual_Component		
Session * Target * Visual_Component		
Hemisphere * Prime * Visual_Component		
Hemisphere * Target * Visual_Component		
Prime * Target * Visual_Component		
Session * Hemisphere * Target * Visual_Component		

Model Dimension^a

		Number of Levels	Covariance Structure	Number of Parameters
Repeated Effects	Session * Hemisphere * Prime * Target	16	Heterogeneous Compound Symmetry	17
Total		138		45

Model Dimension^a

		Subject Variables	Number of Subjects
Repeated Effects	Session * Hemisphere * Prime * Target	PP	25
Total			

a. Dependent Variable: Numeric_Component.

Information Criteria^a

-2 Log Likelihood	1103,108
Akaike's Information Criterion (AIC)	1193,108
Hurvich and Tsai's Criterion (AICC)	1204,802
Bozdogan's Criterion (CAIC)	1417,723
Schwarz's Bayesian Criterion (BIC)	1372,723

The information criteria are displayed in smaller-is-better form.

a. Dependent Variable: Numeric_Component.

Fixed Effects

Type III Tests of Fixed Effects[a]

Source	Numerator df	Denominator df	F	Sig.
Intercept	1	234,947	267,942	,000
Session	1	255,053	,383	,537
Hemisphere	1	258,241	1,995	,159
Prime	1	230,720	1,451	,230
Target	1	243,695	4,895	,028
Session * Hemisphere	1	292,173	,023	,879
Session * Prime	1	267,616	1,931	,166
Session * Target	1	293,804	,139	,709
Hemisphere * Prime	1	265,693	,032	,857
Hemisphere * Target	1	297,159	,314	,576
Prime * Target	1	246,489	2,674	,103
Session * Hemisphere * Prime	1	253,796	1,177	,279
Session * Hemisphere * Target	1	295,331	,667	,415
Session * Prime * Target	1	191,574	5,328	,022
Hemisphere * Prime * Target	1	214,732	,026	,872
Session * Hemisphere * Prime * Target	1	253,778	,179	,673
Visual_Component	1	340,086	50,357	,000
Session * Visual_Component	1	339,739	,110	,740
Hemisphere * Visual_Component	1	331,682	8,853	,003
Prime * Visual_Component	1	341,801	,432	,512
Target * Visual_Component	1	335,504	3,724	,054
Session * Hemisphere * Visual_Component	1	333,460	,012	,913
Session * Prime * Visual_Component	1	349,681	1,418	,235
Session * Target * Visual_Component	1	332,601	,004	,950
Hemisphere * Prime * Visual_Component	1	331,428	,267	,606
Hemisphere * Target * Visual_Component	1	336,136	,489	,485

Type III Tests of Fixed Effects[a]

Source	Numerator df	Denominator df	F	Sig.
Prime * Target * Visual_Component	1	335,348	2,825	,094
Session * Hemisphere * Target * Visual_Component	1	340,951	1,166	,281

a. Dependent Variable: Numeric_Component.

Estimates of Fixed Effects[a]

Parameter	Estimate	Std. Error	df	t	Sig.	95% ... Lower Bound
Intercept	4,175181	,737398	42,383	5,662	,000	2,687448
[Session=1]	,803245	,844361	76,557	,951	,344	-,878247
[Session=3]	0[b]	0	.	.	.	.
[Hemisphere=0]	1,439528	,960120	94,617	1,499	,137	-,466650
[Hemisphere=1]	0[b]	0	.	.	.	.
[Prime=0]	-,206403	1,332320	86,985	-,155	,877	-2,854540
[Prime=1]	0[b]	0	.	.	.	.
[Target=0]	,542273	1,000931	88,027	,542	,589	-1,446859
[Target=1]	0[b]	0	.	.	.	.
[Session=1] * [Hemisphere=0]	-,302609	1,310691	162,238	-,231	,818	-2,890822
[Session=1] * [Hemisphere=1]	0[b]	0	.	.	.	.
[Session=3] * [Hemisphere=0]	0[b]	0	.	.	.	.
[Session=3] * [Hemisphere=1]	0[b]	0	.	.	.	.
[Session=1] * [Prime=0]	-,352065	1,257729	150,311	-,280	,780	-2,837176
[Session=1] * [Prime=1]	0[b]	0	.	.	.	.
[Session=3] * [Prime=0]	0[b]	0	.	.	.	.
[Session=3] * [Prime=1]	0[b]	0	.	.	.	.
[Session=1] * [Target=0]	,600510	1,374013	154,038	,437	,663	-2,113832
[Session=1] * [Target=1]	0[b]	0	.	.	.	.
[Session=3] * [Target=0]	0[b]	0	.	.	.	.
[Session=3] * [Target=1]	0[b]	0	.	.	.	.
[Hemisphere=0] * [Prime=0]	,751562	1,446128	207,300	,520	,604	-2,099440

Estimates of Fixed Effects^a

Parameter	95% Confidence Upper Bound
Intercept	5,662913
[Session=1]	2,484737
[Session=3]	.
[Hemisphere=0]	3,345707
[Hemisphere=1]	.
[Prime=0]	2,441733
[Prime=1]	.
[Target=0]	2,531405
[Target=1]	.
[Session=1] * [Hemisphere=0]	2,285604
[Session=1] * [Hemisphere=1]	.
[Session=3] * [Hemisphere=0]	.
[Session=3] * [Hemisphere=1]	.
[Session=1] * [Prime=0]	2,133046
[Session=1] * [Prime=1]	.
[Session=3] * [Prime=0]	.
[Session=3] * [Prime=1]	.
[Session=1] * [Target=0]	3,314851
[Session=1] * [Target=1]	.
[Session=3] * [Target=0]	.
[Session=3] * [Target=1]	.
[Hemisphere=0] * [Prime=0]	3,602565

Estimates of Fixed Effects[a]

Parameter	Estimate	Std. Error	df	t	Sig.	95% ...
						Lower Bound
[Hemisphere=0] * [Prime=1]	0[b]	0	.	.	.	.
[Hemisphere=1] * [Prime=0]	0[b]	0	.	.	.	.
[Hemisphere=1] * [Prime=1]	0[b]	0	.	.	.	.
[Hemisphere=0] * [Target=0]	-1,735125	1,488872	149,565	-1,165	,246	-4,677065
[Hemisphere=0] * [Target=1]	0[b]	0	.	.	.	.
[Hemisphere=1] * [Target=0]	0[b]	0	.	.	.	.
[Hemisphere=1] * [Target=1]	0[b]	0	.	.	.	.
[Prime=0] * [Target=0]	3,407062	1,673886	160,073	2,035	,043	,101315
[Prime=0] * [Target=1]	0[b]	0	.	.	.	.
[Prime=1] * [Target=0]	0[b]	0	.	.	.	.
[Prime=1] * [Target=1]	0[b]	0	.	.	.	.
[Session=1] * [Hemisphere=0] * [Prime=0]	-1,139436	,940968	162,076	-1,211	,228	-2,997574
[Session=1] * [Hemisphere=0] * [Prime=1]	0[b]	0	.	.	.	.
[Session=1] * [Hemisphere=1] * [Prime=0]	0[b]	0	.	.	.	.
[Session=1] * [Hemisphere=1] * [Prime=1]	0[b]	0	.	.	.	.
[Session=3] * [Hemisphere=0] * [Prime=0]	0[b]	0	.	.	.	.
[Session=3] * [Hemisphere=0] * [Prime=1]	0[b]	0	.	.	.	.
[Session=3] * [Hemisphere=1] * [Prime=0]	0[b]	0	.	.	.	.
[Session=3] * [Hemisphere=1] * [Prime=1]	0[b]	0	.	.	.	.

Estimates of Fixed Effects[a]

Parameter	95% Confidence Upper Bound
[Hemisphere=0] * [Prime=1]	.
[Hemisphere=1] * [Prime=0]	.
[Hemisphere=1] * [Prime=1]	.
[Hemisphere=0] * [Target=0]	1,206814
[Hemisphere=0] * [Target=1]	.
[Hemisphere=1] * [Target=0]	.
[Hemisphere=1] * [Target=1]	.
[Prime=0] * [Target=0]	6,712810
[Prime=0] * [Target=1]	.
[Prime=1] * [Target=0]	.
[Prime=1] * [Target=1]	.
[Session=1] * [Hemisphere=0] * [Prime=0]	,718702
[Session=1] * [Hemisphere=0] * [Prime=1]	.
[Session=1] * [Hemisphere=1] * [Prime=0]	.
[Session=1] * [Hemisphere=1] * [Prime=1]	.
[Session=3] * [Hemisphere=0] * [Prime=0]	.
[Session=3] * [Hemisphere=0] * [Prime=1]	.
[Session=3] * [Hemisphere=1] * [Prime=0]	.
[Session=3] * [Hemisphere=1] * [Prime=1]	.

Estimates of Fixed Effects^a

Parameter	Estimate	Std. Error	df	t	Sig.	95% ...
						Lower Bound
[Session=1] * [Hemisphere=0] * [Target=0]	1,837981	2,132963	291,354	,862	,390	-2,359987
[Session=1] * [Hemisphere=0] * [Target=1]	0^b	0	.	.	.	.
[Session=1] * [Hemisphere=1] * [Target=0]	0^b	0	.	.	.	.
[Session=1] * [Hemisphere=1] * [Target=1]	0^b	0	.	.	.	.
[Session=3] * [Hemisphere=0] * [Target=0]	0^b	0	.	.	.	.
[Session=3] * [Hemisphere=0] * [Target=1]	0^b	0	.	.	.	.
[Session=3] * [Hemisphere=1] * [Target=0]	0^b	0	.	.	.	.
[Session=3] * [Hemisphere=1] * [Target=1]	0^b	0	.	.	.	.
[Session=1] * [Prime=0] * [Target=0]	-2,355329	1,130507	154,671	-2,083	,039	-4,588554
[Session=1] * [Prime=0] * [Target=1]	0^b	0	.	.	.	.
[Session=1] * [Prime=1] * [Target=0]	0^b	0	.	.	.	.
[Session=1] * [Prime=1] * [Target=1]	0^b	0	.	.	.	.
[Session=3] * [Prime=0] * [Target=0]	0^b	0	.	.	.	.
[Session=3] * [Prime=0] * [Target=1]	0^b	0	.	.	.	.
[Session=3] * [Prime=1] * [Target=0]	0^b	0	.	.	.	.
[Session=3] * [Prime=1] * [Target=1]	0^b	0	.	.	.	.
[Hemisphere=0] * [Prime=0] * [Target=0]	-,161043	1,401909	186,255	-,115	,909	-2,926705
[Hemisphere=0] * [Prime=0] * [Target=1]	0^b	0	.	.	.	.

Estimates of Fixed Effects^a

Parameter	95% Confidence
	Upper Bound
[Session=1] * [Hemisphere=0] * [Target=0]	6,035950
[Session=1] * [Hemisphere=0] * [Target=1]	.
[Session=1] * [Hemisphere=1] * [Target=0]	.
[Session=1] * [Hemisphere=1] * [Target=1]	.
[Session=3] * [Hemisphere=0] * [Target=0]	.
[Session=3] * [Hemisphere=0] * [Target=1]	.
[Session=3] * [Hemisphere=1] * [Target=0]	.
[Session=3] * [Hemisphere=1] * [Target=1]	.
[Session=1] * [Prime=0] * [Target=0]	-,122103
[Session=1] * [Prime=0] * [Target=1]	.
[Session=1] * [Prime=1] * [Target=0]	.
[Session=1] * [Prime=1] * [Target=1]	.
[Session=3] * [Prime=0] * [Target=0]	.
[Session=3] * [Prime=0] * [Target=1]	.
[Session=3] * [Prime=1] * [Target=0]	.
[Session=3] * [Prime=1] * [Target=1]	.
[Hemisphere=0] * [Prime=0] * [Target=0]	2,604619
[Hemisphere=0] * [Prime=0] * [Target=1]	.

Estimates of Fixed Effects^a

Parameter	Estimate	Std. Error	df	t	Sig.	95% ...
						Lower Bound
[Hemisphere=0] * [Prime=1] * [Target=0]	0^b	0	.	.	.	.
[Hemisphere=0] * [Prime=1] * [Target=1]	0^b	0	.	.	.	.
[Hemisphere=1] * [Prime=0] * [Target=0]	0^b	0	.	.	.	.
[Hemisphere=1] * [Prime=0] * [Target=1]	0^b	0	.	.	.	.
[Hemisphere=1] * [Prime=1] * [Target=0]	0^b	0	.	.	.	.
[Hemisphere=1] * [Prime=1] * [Target=1]	0^b	0	.	.	.	.
[Session=1] * [Hemisphere=0] * [Prime=0] * [Target=0]	,608465	1,439938	253,778	,423	,673	-2,227285
[Session=1] * [Hemisphere=0] * [Prime=0] * [Target=1]	0^b	0	.	.	.	.
[Session=1] * [Hemisphere=0] * [Prime=1] * [Target=0]	0^b	0	.	.	.	.
[Session=1] * [Hemisphere=0] * [Prime=1] * [Target=1]	0^b	0	.	.	.	.
[Session=1] * [Hemisphere=1] * [Prime=0] * [Target=0]	0^b	0	.	.	.	.
[Session=1] * [Hemisphere=1] * [Prime=0] * [Target=1]	0^b	0	.	.	.	.
[Session=1] * [Hemisphere=1] * [Prime=1] * [Target=0]	0^b	0	.	.	.	.
[Session=1] * [Hemisphere=1] * [Prime=1] * [Target=1]	0^b	0	.	.	.	.
[Session=3] * [Hemisphere=0] * [Prime=0] * [Target=0]	0^b	0	.	.	.	.
[Session=3] * [Hemisphere=0] * [Prime=0] * [Target=1]	0^b	0	.	.	.	.

Estimates of Fixed Effects[a]

Parameter	95% Confidence Upper Bound
[Hemisphere=0] * [Prime=1] * [Target=0]	.
[Hemisphere=0] * [Prime=1] * [Target=1]	.
[Hemisphere=1] * [Prime=0] * [Target=0]	.
[Hemisphere=1] * [Prime=0] * [Target=1]	.
[Hemisphere=1] * [Prime=1] * [Target=0]	.
[Hemisphere=1] * [Prime=1] * [Target=1]	.
[Session=1] * [Hemisphere=0] * [Prime=0] * [Target=0]	3,444215
[Session=1] * [Hemisphere=0] * [Prime=0] * [Target=1]	.
[Session=1] * [Hemisphere=0] * [Prime=1] * [Target=0]	.
[Session=1] * [Hemisphere=0] * [Prime=1] * [Target=1]	.
[Session=1] * [Hemisphere=1] * [Prime=0] * [Target=0]	.
[Session=1] * [Hemisphere=1] * [Prime=0] * [Target=1]	.
[Session=1] * [Hemisphere=1] * [Prime=1] * [Target=0]	.
[Session=1] * [Hemisphere=1] * [Prime=1] * [Target=1]	.
[Session=3] * [Hemisphere=0] * [Prime=0] * [Target=0]	.
[Session=3] * [Hemisphere=0] * [Prime=0] * [Target=1]	.

Estimates of Fixed Effects[a]

Parameter	Estimate	Std. Error	df	t	Sig.	95% ...
						Lower Bound
[Session=3] * [Hemisphere=0] * [Prime=1] * [Target=0]	0[b]	0	.	.	.	.
[Session=3] * [Hemisphere=0] * [Prime=1] * [Target=1]	0[b]	0	.	.	.	.
[Session=3] * [Hemisphere=1] * [Prime=0] * [Target=0]	0[b]	0	.	.	.	.
[Session=3] * [Hemisphere=1] * [Prime=0] * [Target=1]	0[b]	0	.	.	.	.
[Session=3] * [Hemisphere=1] * [Prime=1] * [Target=0]	0[b]	0	.	.	.	.
[Session=3] * [Hemisphere=1] * [Prime=1] * [Target=1]	0[b]	0	.	.	.	.
Visual_Component	-,065323	,341962	44,494	-,191	,849	-,754286
[Session=1] * Visual_Component	,489670	,389467	80,434	1,257	,212	-,285330
[Session=3] * Visual_Component	0[b]	0	.	.	.	.
[Hemisphere=0] * Visual_Component	,997568	,414373	98,304	2,407	,018	,175291
[Hemisphere=1] * Visual_Component	0[b]	0	.	.	.	.
[Prime=0] * Visual_Component	,129161	,382219	184,946	,338	,736	-,624908
[Prime=1] * Visual_Component	0[b]	0	.	.	.	.
[Target=0] * Visual_Component	,364307	,410247	92,873	,888	,377	-,450378
[Target=1] * Visual_Component	0[b]	0	.	.	.	.
[Session=1] * [Hemisphere=0] * Visual_Component	-,435573	,524711	180,429	-,830	,408	-1,470932
[Session=1] * [Hemisphere=1] * Visual_Component	0[b]	0	.	.	.	.
[Session=3] * [Hemisphere=0] * Visual_Component	0[b]	0	.	.	.	.

Estimates of Fixed Effects^a

Parameter	95% Confidence
	Upper Bound
[Session=3] * [Hemisphere=0] * [Prime=1] * [Target=0]	.
[Session=3] * [Hemisphere=0] * [Prime=1] * [Target=1]	.
[Session=3] * [Hemisphere=1] * [Prime=0] * [Target=0]	.
[Session=3] * [Hemisphere=1] * [Prime=0] * [Target=1]	.
[Session=3] * [Hemisphere=1] * [Prime=1] * [Target=0]	.
[Session=3] * [Hemisphere=1] * [Prime=1] * [Target=1]	.
Visual_Component	,623640
[Session=1] * Visual_Component	1,264671
[Session=3] * Visual_Component	.
[Hemisphere=0] * Visual_Component	1,819846
[Hemisphere=1] * Visual_Component	.
[Prime=0] * Visual_Component	,883231
[Prime=1] * Visual_Component	.
[Target=0] * Visual_Component	1,178991
[Target=1] * Visual_Component	.
[Session=1] * [Hemisphere=0] * Visual_Component	,599786
[Session=1] * [Hemisphere=1] * Visual_Component	.
[Session=3] * [Hemisphere=0] * Visual_Component	.

Estimates of Fixed Effects[a]

Parameter	Estimate	Std. Error	df	t	Sig.	95% ... Lower Bound
[Session=3] * [Hemisphere=1] * Visual_Component	0[b]	0	.	.	.	.
[Session=1] * [Prime=0] * Visual_Component	-,444065	,372966	349,681	-1,191	,235	-1,177604
[Session=1] * [Prime=1] * Visual_Component	0[b]	0	.	.	.	.
[Session=3] * [Prime=0] * Visual_Component	0[b]	0	.	.	.	.
[Session=3] * [Prime=1] * Visual_Component	0[b]	0	.	.	.	.
[Session=1] * [Target=0] * Visual_Component	-,372739	,504294	176,570	-,739	,461	-1,367959
[Session=1] * [Target=1] * Visual_Component	0[b]	0	.	.	.	.
[Session=3] * [Target=0] * Visual_Component	0[b]	0	.	.	.	.
[Session=3] * [Target=1] * Visual_Component	0[b]	0	.	.	.	.
[Hemisphere=0] * [Prime=0] * Visual_Component	-,193442	,374381	331,428	-,517	,606	-,929905
[Hemisphere=0] * [Prime=1] * Visual_Component	0[b]	0	.	.	.	.
[Hemisphere=1] * [Prime=0] * Visual_Component	0[b]	0	.	.	.	.
[Hemisphere=1] * [Prime=1] * Visual_Component	0[b]	0	.	.	.	.
[Hemisphere=0] * [Target=0] * Visual_Component	-,652789	,537043	182,895	-1,216	,226	-1,712384
[Hemisphere=0] * [Target=1] * Visual_Component	0[b]	0	.	.	.	.
[Hemisphere=1] * [Target=0] * Visual_Component	0[b]	0	.	.	.	.
[Hemisphere=1] * [Target=1] * Visual_Component	0[b]	0	.	.	.	.
[Prime=0] * [Target=0] * Visual_Component	,622751	,370537	335,348	1,681	,094	-,106119

Estimates of Fixed Effects[a]

Parameter	95% Confidence Upper Bound
[Session=3] * [Hemisphere=1] * Visual_Component	.
[Session=1] * [Prime=0] * Visual_Component	,289475
[Session=1] * [Prime=1] * Visual_Component	.
[Session=3] * [Prime=0] * Visual_Component	.
[Session=3] * [Prime=1] * Visual_Component	.
[Session=1] * [Target=0] * Visual_Component	,622480
[Session=1] * [Target=1] * Visual_Component	.
[Session=3] * [Target=0] * Visual_Component	.
[Session=3] * [Target=1] * Visual_Component	.
[Hemisphere=0] * [Prime=0] * Visual_Component	,543021
[Hemisphere=0] * [Prime=1] * Visual_Component	.
[Hemisphere=1] * [Prime=0] * Visual_Component	.
[Hemisphere=1] * [Prime=1] * Visual_Component	.
[Hemisphere=0] * [Target=0] * Visual_Component	,406807
[Hemisphere=0] * [Target=1] * Visual_Component	.
[Hemisphere=1] * [Target=0] * Visual_Component	.
[Hemisphere=1] * [Target=1] * Visual_Component	.
[Prime=0] * [Target=0] * Visual_Component	1,351620

Estimates of Fixed Effects[a]

Parameter	Estimate	Std. Error	df	t	Sig.	95% ...
						Lower Bound
[Prime=0] * [Target=1] * Visual_Component	0[b]	0	.	.	.	.
[Prime=1] * [Target=0] * Visual_Component	0[b]	0	.	.	.	.
[Prime=1] * [Target=1] * Visual_Component	0[b]	0	.	.	.	.
[Session=1] * [Hemisphere=0] * [Target=0] * Visual_Component	,791710	,733322	340,951	1,080	,281	-,650695
[Session=1] * [Hemisphere=0] * [Target=1] * Visual_Component	0[b]	0	.	.	.	.
[Session=1] * [Hemisphere=1] * [Target=0] * Visual_Component	0[b]	0	.	.	.	.
[Session=1] * [Hemisphere=1] * [Target=1] * Visual_Component	0[b]	0	.	.	.	.
[Session=3] * [Hemisphere=0] * [Target=0] * Visual_Component	0[b]	0	.	.	.	.
[Session=3] * [Hemisphere=0] * [Target=1] * Visual_Component	0[b]	0	.	.	.	.
[Session=3] * [Hemisphere=1] * [Target=0] * Visual_Component	0[b]	0	.	.	.	.
[Session=3] * [Hemisphere=1] * [Target=1] * Visual_Component	0[b]	0	.	.	.	.

Estimates of Fixed Effects^a

Parameter	95% Confidence
	Upper Bound
[Prime=0] * [Target=1] * Visual_Component	.
[Prime=1] * [Target=0] * Visual_Component	.
[Prime=1] * [Target=1] * Visual_Component	.
[Session=1] * [Hemisphere=0] * [Target=0] * Visual_Component	2,234115
[Session=1] * [Hemisphere=0] * [Target=1] * Visual_Component	.
[Session=1] * [Hemisphere=1] * [Target=0] * Visual_Component	.
[Session=1] * [Hemisphere=1] * [Target=1] * Visual_Component	.
[Session=3] * [Hemisphere=0] * [Target=0] * Visual_Component	.
[Session=3] * [Hemisphere=0] * [Target=1] * Visual_Component	.
[Session=3] * [Hemisphere=1] * [Target=0] * Visual_Component	.
[Session=3] * [Hemisphere=1] * [Target=1] * Visual_Component	.

a. Dependent Variable: Numeric_Component.

b. This parameter is set to zero because it is redundant.

Covariance Parameters

Estimates of Covariance Parameters[a]

Parameter		Estimate	Std. Error
Repeated Measures	Var: [Session=1]* [Hemisphere=0]*[Prime=0]* [Target=0]	1,495428	,424451
	Var: [Session=1]* [Hemisphere=0]*[Prime=0]* [Target=1]	,824062	,234495
	Var: [Session=1]* [Hemisphere=0]*[Prime=1]* [Target=0]	,361592	,102519
	Var: [Session=1]* [Hemisphere=0]*[Prime=1]* [Target=1]	1,113767	,314256
	Var: [Session=1]* [Hemisphere=1]*[Prime=0]* [Target=0]	,923694	,259592
	Var: [Session=1]* [Hemisphere=1]*[Prime=0]* [Target=1]	1,272706	,361503
	Var: [Session=1]* [Hemisphere=1]*[Prime=1]* [Target=0]	,669263	,189060
	Var: [Session=1]* [Hemisphere=1]*[Prime=1]* [Target=1]	,516528	,144448
	Var: [Session=3]* [Hemisphere=0]*[Prime=0]* [Target=0]	1,075631	,304530
	Var: [Session=3]* [Hemisphere=0]*[Prime=0]* [Target=1]	1,057267	,296314
	Var: [Session=3]* [Hemisphere=0]*[Prime=1]* [Target=0]	,943537	,267603
	Var: [Session=3]* [Hemisphere=0]*[Prime=1]* [Target=1]	1,001236	,280169
	Var: [Session=3]* [Hemisphere=1]*[Prime=0]* [Target=0]	1,189135	,334169
	Var: [Session=3]* [Hemisphere=1]*[Prime=0]* [Target=1]	1,098083	,310738
	Var: [Session=3]* [Hemisphere=1]*[Prime=1]* [Target=0]	1,027633	,297674
	Var: [Session=3]* [Hemisphere=1]*[Prime=1]* [Target=1]	1,057541	,299602
	CSH rho	,033217	,027371

```
MIXED Numeric_Component BY Session Hemisphere Prime Target WITH Visual_Comp
onent
  /CRITERIA=CIN(95) MXITER(100) MXSTEP(10) SCORING(1) SINGULAR(0.0000000000
01) HCONVERGE(0,
    ABSOLUTE) LCONVERGE(0, ABSOLUTE) PCONVERGE(0.000001, ABSOLUTE)
  /FIXED=Session Hemisphere Prime Target Session*Hemisphere Session*Prime S
ession*Target
    Hemisphere*Prime Hemisphere*Target Prime*Target Session*Hemisphere*Prim
e Session*Hemisphere*Target
    Session*Prime*Target Hemisphere*Prime*Target Session*Hemisphere*Prime*T
arget
    Visual_Component Session*Visual_Component
    Hemisphere*Visual_Component Prime*Visual_Component Target*Visual_Compon
ent Session*Hemisphere*Visual_Component Session*Prime*Visual_Component
    Session*Target*Visual_Component Hemisphere*Prime*Visual_Component Hemis
phere*Target*Visual_Component Prime*Target*Visual_Component
      | SSTYPE(3)
  /METHOD=ML
  /PRINT=SOLUTION
  /REPEATED=Session*Hemisphere*Prime*Target | SUBJECT(PP) COVTYPE(CSH).
```

Mixed Model Analysis

Model Dimension[a]

		Number of Levels	Covariance Structure	Number of Parameters
Fixed Effects	Intercept	1		1
	Session	2		1
	Hemisphere	2		1
	Prime	2		1
	Target	2		1
	Session * Hemisphere	4		1
	Session * Prime	4		1
	Session * Target	4		1
	Hemisphere * Prime	4		1
	Hemisphere * Target	4		1
	Prime * Target	4		1
	Session * Hemisphere * Prime	8		1
	Session * Hemisphere * Target	8		1
	Session * Prime * Target	8		1
	Hemisphere * Prime * Target	8		1
	Session * Hemisphere * Prime * Target	16		1
	Visual_Component	1		1
	Session * Visual_Component	2		1
	Hemisphere * Visual_Component	2		1
	Prime * Visual_Component	2		1
	Target * Visual_Component	2		1
	Session * Hemisphere * Visual_Component	4		1
	Session * Prime * Visual_Component	4		1
	Session * Target * Visual_Component	4		1
	Hemisphere * Prime * Visual_Component	4		1
	Hemisphere * Target * Visual_Component	4		1
	Prime * Target * Visual_Component	4		1

Model Dimension[a]

		Subject Variables	Number of Subjects
Fixed Effects	Intercept		
	Session		
	Hemisphere		
	Prime		
	Target		
	Session * Hemisphere		
	Session * Prime		
	Session * Target		
	Hemisphere * Prime		
	Hemisphere * Target		
	Prime * Target		
	Session * Hemisphere * Prime		
	Session * Hemisphere * Target		
	Session * Prime * Target		
	Hemisphere * Prime * Target		
	Session * Hemisphere * Prime * Target		
	Visual_Component		
	Session * Visual_Component		
	Hemisphere * Visual_Component		
	Prime * Visual_Component		
	Target * Visual_Component		
	Session * Hemisphere * Visual_Component		
	Session * Prime * Visual_Component		
	Session * Target * Visual_Component		
	Hemisphere * Prime * Visual_Component		
	Hemisphere * Target * Visual_Component		
	Prime * Target * Visual_Component		

Model Dimension[a]

		Number of Levels	Covariance Structure	Number of Parameters
Repeated Effects	Session * Hemisphere * Prime * Target	16	Heterogeneous Compound Symmetry	17
Total		130		44

Model Dimension[a]

		Subject Variables	Number of Subjects
Repeated Effects	Session * Hemisphere * Prime * Target	PP	25
Total			

a. Dependent Variable: Numeric_Component.

Information Criteria[a]

-2 Log Likelihood	1104,266
Akaike's Information Criterion (AIC)	1192,266
Hurvich and Tsai's Criterion (AICC)	1203,421
Bozdogan's Criterion (CAIC)	1411,890
Schwarz's Bayesian Criterion (BIC)	1367,890

The information criteria are displayed in smaller-is-better form.

a. Dependent Variable: Numeric_Component.

Fixed Effects

Type III Tests of Fixed Effects[a]

Source	Numerator df	Denominator df	F	Sig.
Intercept	1	234,654	282,494	,000
Session	1	256,013	,305	,581
Hemisphere	1	259,788	2,102	,148
Prime	1	231,535	1,238	,267
Target	1	240,355	4,729	,031
Session * Hemisphere	1	315,679	,000	,988
Session * Prime	1	250,851	2,450	,119
Session * Target	1	299,419	,065	,798
Hemisphere * Prime	1	266,238	,029	,866
Hemisphere * Target	1	298,639	,179	,673
Prime * Target	1	248,538	2,498	,115
Session * Hemisphere * Prime	1	263,636	1,523	,218
Session * Hemisphere * Target	1	257,318	,997	,319
Session * Prime * Target	1	190,555	5,809	,017
Hemisphere * Prime * Target	1	232,655	,335	,563
Session * Hemisphere * Prime * Target	1	323,837	,248	,619
Visual_Component	1	348,740	54,952	,000
Session * Visual_Component	1	338,844	,077	,781
Hemisphere * Visual_Component	1	331,103	8,980	,003
Prime * Visual_Component	1	339,513	,252	,616
Target * Visual_Component	1	334,043	3,473	,063
Session * Hemisphere * Visual_Component	1	331,443	,006	,940
Session * Prime * Visual_Component	1	341,895	1,842	,176
Session * Target * Visual_Component	1	332,139	,000	,990
Hemisphere * Prime * Visual_Component	1	332,303	,289	,591
Hemisphere * Target * Visual_Component	1	329,902	,389	,533
Prime * Target * Visual_Component	1	334,547	2,728	,100

a. Dependent Variable: Numeric_Component.

Estimates of Fixed Effects[a]

Parameter	Estimate	Std. Error	df	t	Sig.	95% ... Lower Bound
Intercept	4,439157	,697607	51,970	6,363	,000	3,039288
[Session=1]	,438080	,775172	102,053	,565	,573	-1,099461
[Session=3]	0[b]	0	.	.	.	.
[Hemisphere=0]	,977542	,859932	130,967	1,137	,258	-,723612
[Hemisphere=1]	0[b]	0	.	.	.	.
[Prime=0]	,059448	1,309754	102,428	,045	,964	-2,538313
[Prime=1]	0[b]	0	.	.	.	.
[Target=0]	,053755	,898042	122,010	,060	,952	-1,724008
[Target=1]	0[b]	0	.	.	.	.
[Session=1] * [Hemisphere=0]	,671638	,950966	278,196	,706	,481	-1,200365
[Session=1] * [Hemisphere=1]	0[b]	0	.	.	.	.
[Session=3] * [Hemisphere=0]	0[b]	0	.	.	.	.
[Session=3] * [Hemisphere=1]	0[b]	0	.	.	.	.
[Session=1] * [Prime=0]	-,757620	1,200887	177,533	-,631	,529	-3,127469
[Session=1] * [Prime=1]	0[b]	0	.	.	.	.
[Session=3] * [Prime=0]	0[b]	0	.	.	.	.
[Session=3] * [Prime=1]	0[b]	0	.	.	.	.
[Session=1] * [Target=0]	1,583547	1,034245	257,670	1,531	,127	-,453101
[Session=1] * [Target=1]	0[b]	0	.	.	.	.
[Session=3] * [Target=0]	0[b]	0	.	.	.	.
[Session=3] * [Target=1]	0[b]	0	.	.	.	.
[Hemisphere=0] * [Prime=0]	,344449	1,398167	236,005	,246	,806	-2,410033
[Hemisphere=0] * [Prime=1]	0[b]	0	.	.	.	.
[Hemisphere=1] * [Prime=0]	0[b]	0	.	.	.	.
[Hemisphere=1] * [Prime=1]	0[b]	0	.	.	.	.
[Hemisphere=0] * [Target=0]	-,617567	1,072270	253,373	-,576	,565	-2,729264
[Hemisphere=0] * [Target=1]	0[b]	0	.	.	.	.
[Hemisphere=1] * [Target=0]	0[b]	0	.	.	.	.

Estimates of Fixed Effects^a

Parameter	95% Confidence Upper Bound
Intercept	5,839027
[Session=1]	1,975620
[Session=3]	.
[Hemisphere=0]	2,678696
[Hemisphere=1]	.
[Prime=0]	2,657209
[Prime=1]	.
[Target=0]	1,831517
[Target=1]	.
[Session=1] * [Hemisphere=0]	2,543641
[Session=1] * [Hemisphere=1]	.
[Session=3] * [Hemisphere=0]	.
[Session=3] * [Hemisphere=1]	.
[Session=1] * [Prime=0]	1,612230
[Session=1] * [Prime=1]	.
[Session=3] * [Prime=0]	.
[Session=3] * [Prime=1]	.
[Session=1] * [Target=0]	3,620195
[Session=1] * [Target=1]	.
[Session=3] * [Target=0]	.
[Session=3] * [Target=1]	.
[Hemisphere=0] * [Prime=0]	3,098931
[Hemisphere=0] * [Prime=1]	.
[Hemisphere=1] * [Prime=0]	.
[Hemisphere=1] * [Prime=1]	.
[Hemisphere=0] * [Target=0]	1,494130
[Hemisphere=0] * [Target=1]	.
[Hemisphere=1] * [Target=0]	.

Estimates of Fixed Effects[a]

Parameter	Estimate	Std. Error	df	t	Sig.	95% ... Lower Bound
[Hemisphere=1] * [Target=1]	0[b]	0	.	.	.	.
[Prime=0] * [Target=0]	2,922598	1,612171	172,665	1,813	,072	-,259503
[Prime=0] * [Target=1]	0[b]	0	.	.	.	.
[Prime=1] * [Target=0]	0[b]	0	.	.	.	.
[Prime=1] * [Target=1]	0[b]	0	.	.	.	.
[Session=1] * [Hemisphere=0] * [Prime=0]	-,691995	,845470	217,527	-,818	,414	-2,358357
[Session=1] * [Hemisphere=0] * [Prime=1]	0[b]	0	.	.	.	.
[Session=1] * [Hemisphere=1] * [Prime=0]	0[b]	0	.	.	.	.
[Session=1] * [Hemisphere=1] * [Prime=1]	0[b]	0	.	.	.	.
[Session=3] * [Hemisphere=0] * [Prime=0]	0[b]	0	.	.	.	.
[Session=3] * [Hemisphere=0] * [Prime=1]	0[b]	0	.	.	.	.
[Session=3] * [Hemisphere=1] * [Prime=0]	0[b]	0	.	.	.	.
[Session=3] * [Hemisphere=1] * [Prime=1]	0[b]	0	.	.	.	.
[Session=1] * [Hemisphere=0] * [Target=0]	-,360520	,635098	221,763	-,568	,571	-1,612120
[Session=1] * [Hemisphere=0] * [Target=1]	0[b]	0	.	.	.	.
[Session=1] * [Hemisphere=1] * [Target=0]	0[b]	0	.	.	.	.
[Session=1] * [Hemisphere=1] * [Target=1]	0[b]	0	.	.	.	.

Estimates of Fixed Effects^a

Parameter	95% Confidence
	Upper Bound
[Hemisphere=1] * [Target=1]	.
[Prime=0] * [Target=0]	6,104699
[Prime=0] * [Target=1]	.
[Prime=1] * [Target=0]	.
[Prime=1] * [Target=1]	.
[Session=1] * [Hemisphere=0] * [Prime=0]	,974368
[Session=1] * [Hemisphere=0] * [Prime=1]	.
[Session=1] * [Hemisphere=1] * [Prime=0]	.
[Session=1] * [Hemisphere=1] * [Prime=1]	.
[Session=3] * [Hemisphere=0] * [Prime=0]	.
[Session=3] * [Hemisphere=0] * [Prime=1]	.
[Session=3] * [Hemisphere=1] * [Prime=0]	.
[Session=3] * [Hemisphere=1] * [Prime=1]	.
[Session=1] * [Hemisphere=0] * [Target=0]	,891080
[Session=1] * [Hemisphere=0] * [Target=1]	.
[Session=1] * [Hemisphere=1] * [Target=0]	.
[Session=1] * [Hemisphere=1] * [Target=1]	.

Estimates of Fixed Effects[a]

Parameter	Estimate	Std. Error	df	t	Sig.	95% ... Lower Bound
[Session=3] * [Hemisphere=0] * [Target=0]	0[b]	0	.	.	.	.
[Session=3] * [Hemisphere=0] * [Target=1]	0[b]	0	.	.	.	.
[Session=3] * [Hemisphere=1] * [Target=0]	0[b]	0	.	.	.	.
[Session=3] * [Hemisphere=1] * [Target=1]	0[b]	0	.	.	.	.
[Session=1] * [Prime=0] * [Target=0]	-1,882130	1,043742	186,191	-1,803	,073	-3,941211
[Session=1] * [Prime=0] * [Target=1]	0[b]	0	.	.	.	.
[Session=1] * [Prime=1] * [Target=0]	0[b]	0	.	.	.	.
[Session=1] * [Prime=1] * [Target=1]	0[b]	0	.	.	.	.
[Session=3] * [Prime=0] * [Target=0]	0[b]	0	.	.	.	.
[Session=3] * [Prime=0] * [Target=1]	0[b]	0	.	.	.	.
[Session=3] * [Prime=1] * [Target=0]	0[b]	0	.	.	.	.
[Session=3] * [Prime=1] * [Target=1]	0[b]	0	.	.	.	.
[Hemisphere=0] * [Prime=0] * [Target=0]	,731203	1,132190	240,978	,646	,519	-1,499049
[Hemisphere=0] * [Prime=0] * [Target=1]	0[b]	0	.	.	.	.
[Hemisphere=0] * [Prime=1] * [Target=0]	0[b]	0	.	.	.	.
[Hemisphere=0] * [Prime=1] * [Target=1]	0[b]	0	.	.	.	.
[Hemisphere=1] * [Prime=0] * [Target=0]	0[b]	0	.	.	.	.
[Hemisphere=1] * [Prime=0] * [Target=1]	0[b]	0	.	.	.	.
[Hemisphere=1] * [Prime=1] * [Target=0]	0[b]	0	.	.	.	.

Estimates of Fixed Effects[a]

Parameter	95% Confidence Upper Bound
[Session=3] * [Hemisphere=0] * [Target=0]	.
[Session=3] * [Hemisphere=0] * [Target=1]	.
[Session=3] * [Hemisphere=1] * [Target=0]	.
[Session=3] * [Hemisphere=1] * [Target=1]	.
[Session=1] * [Prime=0] * [Target=0]	,176951
[Session=1] * [Prime=0] * [Target=1]	.
[Session=1] * [Prime=1] * [Target=0]	.
[Session=1] * [Prime=1] * [Target=1]	.
[Session=3] * [Prime=0] * [Target=0]	.
[Session=3] * [Prime=0] * [Target=1]	.
[Session=3] * [Prime=1] * [Target=0]	.
[Session=3] * [Prime=1] * [Target=1]	.
[Hemisphere=0] * [Prime=0] * [Target=0]	2,961455
[Hemisphere=0] * [Prime=0] * [Target=1]	.
[Hemisphere=0] * [Prime=1] * [Target=0]	.
[Hemisphere=0] * [Prime=1] * [Target=1]	.
[Hemisphere=1] * [Prime=0] * [Target=0]	.
[Hemisphere=1] * [Prime=0] * [Target=1]	.
[Hemisphere=1] * [Prime=1] * [Target=0]	.

Estimates of Fixed Effects^a

Parameter	Estimate	Std. Error	df	t	Sig.	95% ... Lower Bound
[Hemisphere=1] * [Prime=1] * [Target=1]	0^b	0	.	.	.	.
[Session=1] * [Hemisphere=0] * [Prime=0] * [Target=0]	-,502391	1,008409	323,837	-,498	,619	-2,486250
[Session=1] * [Hemisphere=0] * [Prime=0] * [Target=1]	0^b	0	.	.	.	.
[Session=1] * [Hemisphere=0] * [Prime=1] * [Target=0]	0^b	0	.	.	.	.
[Session=1] * [Hemisphere=0] * [Prime=1] * [Target=1]	0^b	0	.	.	.	.
[Session=1] * [Hemisphere=1] * [Prime=0] * [Target=0]	0^b	0	.	.	.	.
[Session=1] * [Hemisphere=1] * [Prime=0] * [Target=1]	0^b	0	.	.	.	.
[Session=1] * [Hemisphere=1] * [Prime=1] * [Target=0]	0^b	0	.	.	.	.
[Session=1] * [Hemisphere=1] * [Prime=1] * [Target=1]	0^b	0	.	.	.	.
[Session=3] * [Hemisphere=0] * [Prime=0] * [Target=0]	0^b	0	.	.	.	.
[Session=3] * [Hemisphere=0] * [Prime=0] * [Target=1]	0^b	0	.	.	.	.
[Session=3] * [Hemisphere=0] * [Prime=1] * [Target=0]	0^b	0	.	.	.	.
[Session=3] * [Hemisphere=0] * [Prime=1] * [Target=1]	0^b	0	.	.	.	.
[Session=3] * [Hemisphere=1] * [Prime=0] * [Target=0]	0^b	0	.	.	.	.
[Session=3] * [Hemisphere=1] * [Prime=0] * [Target=1]	0^b	0	.	.	.	.

Estimates of Fixed Effects^a

Parameter	95% Confidence Upper Bound
[Hemisphere=1] * [Prime=1] * [Target=1]	.
[Session=1] * [Hemisphere=0] * [Prime=0] * [Target=0]	1,481468
[Session=1] * [Hemisphere=0] * [Prime=0] * [Target=1]	.
[Session=1] * [Hemisphere=0] * [Prime=1] * [Target=0]	.
[Session=1] * [Hemisphere=0] * [Prime=1] * [Target=1]	.
[Session=1] * [Hemisphere=1] * [Prime=0] * [Target=0]	.
[Session=1] * [Hemisphere=1] * [Prime=0] * [Target=1]	.
[Session=1] * [Hemisphere=1] * [Prime=1] * [Target=0]	.
[Session=1] * [Hemisphere=1] * [Prime=1] * [Target=1]	.
[Session=3] * [Hemisphere=0] * [Prime=0] * [Target=0]	.
[Session=3] * [Hemisphere=0] * [Prime=0] * [Target=1]	.
[Session=3] * [Hemisphere=0] * [Prime=1] * [Target=0]	.
[Session=3] * [Hemisphere=0] * [Prime=1] * [Target=1]	.
[Session=3] * [Hemisphere=1] * [Prime=0] * [Target=0]	.
[Session=3] * [Hemisphere=1] * [Prime=0] * [Target=1]	.

Estimates of Fixed Effects[a]

Parameter	Estimate	Std. Error	df	t	Sig.	95% ... Lower Bound
[Session=3] * [Hemisphere=1] * [Prime=1] * [Target=0]	0[b]	0	.	.	.	.
[Session=3] * [Hemisphere=1] * [Prime=1] * [Target=1]	0[b]	0	.	.	.	.
Visual_Component	,062153	,321767	56,487	,193	,848	-,582302
[Session=1] * Visual_Component	,313527	,354313	113,390	,885	,378	-,388405
[Session=3] * Visual_Component	0[b]	0	.	.	.	.
[Hemisphere=0] * Visual_Component	,787917	,366237	147,241	2,151	,033	,064157
[Hemisphere=1] * Visual_Component	0[b]	0	.	.	.	.
[Prime=0] * Visual_Component	,137539	,382687	184,943	,359	,720	-,617455
[Prime=1] * Visual_Component	0[b]	0	.	.	.	.
[Target=0] * Visual_Component	,154035	,362925	142,028	,424	,672	-,563397
[Target=1] * Visual_Component	0[b]	0	.	.	.	.
[Session=1] * [Hemisphere=0] * Visual_Component	-,027382	,363947	331,443	-,075	,940	-,743318
[Session=1] * [Hemisphere=1] * Visual_Component	0[b]	0	.	.	.	.
[Session=3] * [Hemisphere=0] * Visual_Component	0[b]	0	.	.	.	.
[Session=3] * [Hemisphere=1] * Visual_Component	0[b]	0	.	.	.	.
[Session=1] * [Prime=0] * Visual_Component	-,501667	,369630	341,895	-1,357	,176	-1,228702
[Session=1] * [Prime=1] * Visual_Component	0[b]	0	.	.	.	.
[Session=3] * [Prime=0] * Visual_Component	0[b]	0	.	.	.	.
[Session=3] * [Prime=1] * Visual_Component	0[b]	0	.	.	.	.

Estimates of Fixed Effects[a]

Parameter	95% Confidence Upper Bound
[Session=3] * [Hemisphere=1] * [Prime=1] * [Target=0]	.
[Session=3] * [Hemisphere=1] * [Prime=1] * [Target=1]	.
Visual_Component	,706607
[Session=1] * Visual_Component	1,015460
[Session=3] * Visual_Component	.
[Hemisphere=0] * Visual_Component	1,511678
[Hemisphere=1] * Visual_Component	.
[Prime=0] * Visual_Component	,892533
[Prime=1] * Visual_Component	.
[Target=0] * Visual_Component	,871468
[Target=1] * Visual_Component	.
[Session=1] * [Hemisphere=0] * Visual_Component	,688555
[Session=1] * [Hemisphere=1] * Visual_Component	.
[Session=3] * [Hemisphere=0] * Visual_Component	.
[Session=3] * [Hemisphere=1] * Visual_Component	.
[Session=1] * [Prime=0] * Visual_Component	,225368
[Session=1] * [Prime=1] * Visual_Component	.
[Session=3] * [Prime=0] * Visual_Component	.
[Session=3] * [Prime=1] * Visual_Component	.

Estimates of Fixed Effects[a]

Parameter	Estimate	Std. Error	df	t	Sig.	95% ... Lower Bound
[Session=1] * [Target=0] * Visual_Component	,004615	,365341	332,139	,013	,990	-,714059
[Session=1] * [Target=1] * Visual_Component	0[b]	0	.	.	.	.
[Session=3] * [Target=0] * Visual_Component	0[b]	0	.	.	.	.
[Session=3] * [Target=1] * Visual_Component	0[b]	0	.	.	.	.
[Hemisphere=0] * [Prime=0] * Visual_Component	-,201610	,374815	332,303	-,538	,591	-,938919
[Hemisphere=0] * [Prime=1] * Visual_Component	0[b]	0	.	.	.	.
[Hemisphere=1] * [Prime=0] * Visual_Component	0[b]	0	.	.	.	.
[Hemisphere=1] * [Prime=1] * Visual_Component	0[b]	0	.	.	.	.
[Hemisphere=0] * [Target=0] * Visual_Component	-,228914	,366874	329,902	-,624	,533	-,950622
[Hemisphere=0] * [Target=1] * Visual_Component	0[b]	0	.	.	.	.
[Hemisphere=1] * [Target=0] * Visual_Component	0[b]	0	.	.	.	.
[Hemisphere=1] * [Target=1] * Visual_Component	0[b]	0	.	.	.	.
[Prime=0] * [Target=0] * Visual_Component	,612494	,370860	334,547	1,652	,100	-,117018
[Prime=0] * [Target=1] * Visual_Component	0[b]	0	.	.	.	.
[Prime=1] * [Target=0] * Visual_Component	0[b]	0	.	.	.	.
[Prime=1] * [Target=1] * Visual_Component	0[b]	0	.	.	.	.

Estimates of Fixed Effects[a]

Parameter	95% Confidence
	Upper Bound
[Session=1] * [Target=0] * Visual_Component	,723289
[Session=1] * [Target=1] * Visual_Component	.
[Session=3] * [Target=0] * Visual_Component	.
[Session=3] * [Target=1] * Visual_Component	.
[Hemisphere=0] * [Prime=0] * Visual_Component	,535699
[Hemisphere=0] * [Prime=1] * Visual_Component	.
[Hemisphere=1] * [Prime=0] * Visual_Component	.
[Hemisphere=1] * [Prime=1] * Visual_Component	.
[Hemisphere=0] * [Target=0] * Visual_Component	,492794
[Hemisphere=0] * [Target=1] * Visual_Component	.
[Hemisphere=1] * [Target=0] * Visual_Component	.
[Hemisphere=1] * [Target=1] * Visual_Component	.
[Prime=0] * [Target=0] * Visual_Component	1,342005
[Prime=0] * [Target=1] * Visual_Component	.
[Prime=1] * [Target=0] * Visual_Component	.
[Prime=1] * [Target=1] * Visual_Component	.

a. Dependent Variable: Numeric_Component.

b. This parameter is set to zero because it is redundant.

Covariance Parameters

Estimates of Covariance Parameters[a]

Parameter		Estimate	Std. Error
Repeated Measures	Var: [Session=1]*[Hemisphere=0]*[Prime=0]*[Target=0]	1,502330	,427191
	Var: [Session=1]*[Hemisphere=0]*[Prime=0]*[Target=1]	,827783	,236299
	Var: [Session=1]*[Hemisphere=0]*[Prime=1]*[Target=0]	,362027	,102772
	Var: [Session=1]*[Hemisphere=0]*[Prime=1]*[Target=1]	1,113649	,314133
	Var: [Session=1]*[Hemisphere=1]*[Prime=0]*[Target=0]	,923501	,259510
	Var: [Session=1]*[Hemisphere=1]*[Prime=0]*[Target=1]	1,279736	,364663
	Var: [Session=1]*[Hemisphere=1]*[Prime=1]*[Target=0]	,674489	,191424
	Var: [Session=1]*[Hemisphere=1]*[Prime=1]*[Target=1]	,517308	,144799
	Var: [Session=3]*[Hemisphere=0]*[Prime=0]*[Target=0]	1,072369	,303051
	Var: [Session=3]*[Hemisphere=0]*[Prime=0]*[Target=1]	1,059451	,297286
	Var: [Session=3]*[Hemisphere=0]*[Prime=1]*[Target=0]	,953183	,272080
	Var: [Session=3]*[Hemisphere=0]*[Prime=1]*[Target=1]	1,004323	,281648
	Var: [Session=3]*[Hemisphere=1]*[Prime=0]*[Target=0]	1,184210	,331742
	Var: [Session=3]*[Hemisphere=1]*[Prime=0]*[Target=1]	1,096407	,310035
	Var: [Session=3]*[Hemisphere=1]*[Prime=1]*[Target=0]	1,040911	,303993
	Var: [Session=3]*[Hemisphere=1]*[Prime=1]*[Target=1]	1,066967	,303756
	CSH rho	,034433	,027622

a. Dependent Variable: Numeric_Component.

```
MIXED Numeric_Component BY Session Hemisphere Prime Target WITH Visual_Comp
onent
  /CRITERIA=CIN(95) MXITER(100) MXSTEP(10) SCORING(1) SINGULAR(0.0000000000
01) HCONVERGE(0,
    ABSOLUTE) LCONVERGE(0, ABSOLUTE) PCONVERGE(0.000001, ABSOLUTE)
  /FIXED=Session Hemisphere Prime Target Session*Hemisphere Session*Prime S
ession*Target
    Hemisphere*Prime Hemisphere*Target Prime*Target Session*Hemisphere*Prim
e Session*Hemisphere*Target
    Session*Prime*Target Hemisphere*Prime*Target Session*Hemisphere*Prime*T
arget
    Visual_Component Session*Visual_Component
    Hemisphere*Visual_Component Prime*Visual_Component Target*Visual_Compon
ent
    Session*Prime*Visual_Component
    Session*Target*Visual_Component Hemisphere*Prime*Visual_Component Hemis
phere*Target*Visual_Component Prime*Target*Visual_Component
      | SSTYPE(3)
  /METHOD=ML
  /PRINT=SOLUTION
  /REPEATED=Session*Hemisphere*Prime*Target | SUBJECT(PP) COVTYPE(CSH).
```

Mixed Model Analysis

Model Dimension[a]

		Number of Levels	Covariance Structure	Number of Parameters
Fixed Effects	Intercept	1		1
	Session	2		1
	Hemisphere	2		1
	Prime	2		1
	Target	2		1
	Session * Hemisphere	4		1
	Session * Prime	4		1
	Session * Target	4		1
	Hemisphere * Prime	4		1
	Hemisphere * Target	4		1
	Prime * Target	4		1
	Session * Hemisphere * Prime	8		1
	Session * Hemisphere * Target	8		1
	Session * Prime * Target	8		1
	Hemisphere * Prime * Target	8		1
	Session * Hemisphere * Prime * Target	16		1
	Visual_Component	1		1
	Session * Visual_Component	2		1
	Hemisphere * Visual_Component	2		1
	Prime * Visual_Component	2		1
	Target * Visual_Component	2		1
	Session * Prime * Visual_Component	4		1
	Session * Target * Visual_Component	4		1
	Hemisphere * Prime * Visual_Component	4		1
	Hemisphere * Target * Visual_Component	4		1
	Prime * Target * Visual_Component	4		1
Repeated Effects	Session * Hemisphere * Prime * Target	16	Heterogeneous Compound Symmetry	17

Model Dimension[a]

		Subject Variables	Number of Subjects
Fixed Effects	Intercept		
	Session		
	Hemisphere		
	Prime		
	Target		
	Session * Hemisphere		
	Session * Prime		
	Session * Target		
	Hemisphere * Prime		
	Hemisphere * Target		
	Prime * Target		
	Session * Hemisphere * Prime		
	Session * Hemisphere * Target		
	Session * Prime * Target		
	Hemisphere * Prime * Target		
	Session * Hemisphere * Prime * Target		
	Visual_Component		
	Session * Visual_Component		
	Hemisphere * Visual_Component		
	Prime * Visual_Component		
	Target * Visual_Component		
	Session * Prime * Visual_Component		
	Session * Target * Visual_Component		
	Hemisphere * Prime * Visual_Component		
	Hemisphere * Target * Visual_Component		
	Prime * Target * Visual_Component		
Repeated Effects	Session * Hemisphere * Prime * Target	PP	25

Model Dimension[a]

	Number of Levels	Covariance Structure	Number of Parameters
Total	126		43

Model Dimension[a]

	Subject Variables	Number of Subjects
Total		

a. Dependent Variable: Numeric_Component.

Information Criteria[a]

-2 Log Likelihood	1104,271
Akaike's Information Criterion (AIC)	1190,271
Hurvich and Tsai's Criterion (AICC)	1200,901
Bozdogan's Criterion (CAIC)	1404,904
Schwarz's Bayesian Criterion (BIC)	1361,904

The information criteria are displayed in smaller-is-better form.

a. Dependent Variable: Numeric_Component.

Fixed Effects

Type III Tests of Fixed Effects[a]

Source	Numerator df	Denominator df	F	Sig.
Intercept	1	233,244	282,755	,000
Session	1	252,075	,317	,574
Hemisphere	1	260,193	2,105	,148
Prime	1	228,464	1,252	,264
Target	1	243,635	4,802	,029
Session * Hemisphere	1	256,504	,165	,685
Session * Prime	1	247,814	2,443	,119
Session * Target	1	299,864	,066	,798
Hemisphere * Prime	1	266,358	,028	,868
Hemisphere * Target	1	300,231	,182	,670
Prime * Target	1	250,286	2,550	,112
Session * Hemisphere * Prime	1	258,716	2,578	,110
Session * Hemisphere * Target	1	344,615	1,594	,208
Session * Prime * Target	1	189,311	5,802	,017
Hemisphere * Prime * Target	1	232,250	,334	,564
Session * Hemisphere * Prime * Target	1	334,667	,243	,622
Visual_Component	1	346,174	55,198	,000
Session * Visual_Component	1	340,473	,080	,778
Hemisphere * Visual_Component	1	331,545	8,999	,003
Prime * Visual_Component	1	339,279	,255	,614
Target * Visual_Component	1	334,916	3,545	,061
Session * Prime * Visual_Component	1	340,898	1,836	,176
Session * Target * Visual_Component	1	334,134	,000	,989
Hemisphere * Prime * Visual_Component	1	334,483	,285	,594
Hemisphere * Target * Visual_Component	1	329,889	,392	,532
Prime * Target * Visual_Component	1	340,441	2,831	,093

a. Dependent Variable: Numeric_Component.

Estimates of Fixed Effects[a]

Parameter	Estimate	Std. Error	df	t	Sig.	95% ... Lower Bound
Intercept	4,460421	,638942	67,406	6,981	,000	3,185229
[Session=1]	,409628	,677809	128,255	,604	,547	-,931507
[Session=3]	0[b]	0	.	.	.	.
[Hemisphere=0]	,943972	,735778	130,343	1,283	,202	-,511642
[Hemisphere=1]	0[b]	0	.	.	.	.
[Prime=0]	,065894	1,306722	107,266	,050	,960	-2,524456
[Prime=1]	0[b]	0	.	.	.	.
[Target=0]	,047825	,894612	117,840	,053	,957	-1,723775
[Target=1]	0[b]	0	.	.	.	.
[Session=1] * [Hemisphere=0]	,735844	,418856	98,805	1,757	,082	-,095278
[Session=1] * [Hemisphere=1]	0[b]	0	.	.	.	.
[Session=3] * [Hemisphere=0]	0[b]	0	.	.	.	.
[Session=3] * [Hemisphere=1]	0[b]	0	.	.	.	.
[Session=1] * [Prime=0]	-,770498	1,188196	190,884	-,648	,517	-3,114179
[Session=1] * [Prime=1]	0[b]	0	.	.	.	.
[Session=3] * [Prime=0]	0[b]	0	.	.	.	.
[Session=3] * [Prime=1]	0[b]	0	.	.	.	.
[Session=1] * [Target=0]	1,571154	1,020661	270,284	1,539	,125	-,438303
[Session=1] * [Target=1]	0[b]	0	.	.	.	.
[Session=3] * [Target=0]	0[b]	0	.	.	.	.
[Session=3] * [Target=1]	0[b]	0	.	.	.	.
[Hemisphere=0] * [Prime=0]	,323712	1,370139	251,922	,236	,813	-2,374675
[Hemisphere=0] * [Prime=1]	0[b]	0	.	.	.	.
[Hemisphere=1] * [Prime=0]	0[b]	0	.	.	.	.
[Hemisphere=1] * [Prime=1]	0[b]	0	.	.	.	.
[Hemisphere=0] * [Target=0]	-,633527	1,051355	289,830	-,603	,547	-2,702785
[Hemisphere=0] * [Target=1]	0[b]	0	.	.	.	.
[Hemisphere=1] * [Target=0]	0[b]	0	.	.	.	.

Estimates of Fixed Effects[a]

Parameter	95% Confidence Upper Bound
Intercept	5,735613
[Session=1]	1,750763
[Session=3]	.
[Hemisphere=0]	2,399585
[Hemisphere=1]	.
[Prime=0]	2,656245
[Prime=1]	.
[Target=0]	1,819425
[Target=1]	.
[Session=1] * [Hemisphere=0]	1,566967
[Session=1] * [Hemisphere=1]	.
[Session=3] * [Hemisphere=0]	.
[Session=3] * [Hemisphere=1]	.
[Session=1] * [Prime=0]	1,573183
[Session=1] * [Prime=1]	.
[Session=3] * [Prime=0]	.
[Session=3] * [Prime=1]	.
[Session=1] * [Target=0]	3,580611
[Session=1] * [Target=1]	.
[Session=3] * [Target=0]	.
[Session=3] * [Target=1]	.
[Hemisphere=0] * [Prime=0]	3,022099
[Hemisphere=0] * [Prime=1]	.
[Hemisphere=1] * [Prime=0]	.
[Hemisphere=1] * [Prime=1]	.
[Hemisphere=0] * [Target=0]	1,435731
[Hemisphere=0] * [Target=1]	.
[Hemisphere=1] * [Target=0]	.

Estimates of Fixed Effects[a]

Parameter	Estimate	Std. Error	df	t	Sig.	95% ... Lower Bound
[Hemisphere=1] * [Target=1]	0[b]	0	.	.	.	.
[Prime=0] * [Target=0]	2,936235	1,602137	186,027	1,833	,068	-,224458
[Prime=0] * [Target=1]	0[b]	0	.	.	.	.
[Prime=1] * [Target=0]	0[b]	0	.	.	.	.
[Prime=1] * [Target=1]	0[b]	0	.	.	.	.
[Session=1] * [Hemisphere=0] * [Prime=0]	-,660245	,732593	173,104	-,901	,369	-2,106210
[Session=1] * [Hemisphere=0] * [Prime=1]	0[b]	0	.	.	.	.
[Session=1] * [Hemisphere=1] * [Prime=0]	0[b]	0	.	.	.	.
[Session=1] * [Hemisphere=1] * [Prime=1]	0[b]	0	.	.	.	.
[Session=3] * [Hemisphere=0] * [Prime=0]	0[b]	0	.	.	.	.
[Session=3] * [Hemisphere=0] * [Prime=1]	0[b]	0	.	.	.	.
[Session=3] * [Hemisphere=1] * [Prime=0]	0[b]	0	.	.	.	.
[Session=3] * [Hemisphere=1] * [Prime=1]	0[b]	0	.	.	.	.
[Session=1] * [Hemisphere=0] * [Target=0]	-,337208	,554398	192,374	-,608	,544	-1,430687
[Session=1] * [Hemisphere=0] * [Target=1]	0[b]	0	.	.	.	.
[Session=1] * [Hemisphere=1] * [Target=0]	0[b]	0	.	.	.	.
[Session=1] * [Hemisphere=1] * [Target=1]	0[b]	0	.	.	.	.

Estimates of Fixed Effects[a]

Parameter	95% Confidence Upper Bound
[Hemisphere=1] * [Target=1]	.
[Prime=0] * [Target=0]	6,096927
[Prime=0] * [Target=1]	.
[Prime=1] * [Target=0]	.
[Prime=1] * [Target=1]	.
[Session=1] * [Hemisphere=0] * [Prime=0]	,785719
[Session=1] * [Hemisphere=0] * [Prime=1]	.
[Session=1] * [Hemisphere=1] * [Prime=0]	.
[Session=1] * [Hemisphere=1] * [Prime=1]	.
[Session=3] * [Hemisphere=0] * [Prime=0]	.
[Session=3] * [Hemisphere=0] * [Prime=1]	.
[Session=3] * [Hemisphere=1] * [Prime=0]	.
[Session=3] * [Hemisphere=1] * [Prime=1]	.
[Session=1] * [Hemisphere=0] * [Target=0]	,756271
[Session=1] * [Hemisphere=0] * [Target=1]	.
[Session=1] * [Hemisphere=1] * [Target=0]	.
[Session=1] * [Hemisphere=1] * [Target=1]	.

Estimates of Fixed Effects[a]

Parameter	Estimate	Std. Error	df	t	Sig.	95% ... Lower Bound
[Session=3] * [Hemisphere=0] * [Target=0]	0[b]	0	.	.	.	.
[Session=3] * [Hemisphere=0] * [Target=1]	0[b]	0	.	.	.	.
[Session=3] * [Hemisphere=1] * [Target=0]	0[b]	0	.	.	.	.
[Session=3] * [Hemisphere=1] * [Target=1]	0[b]	0	.	.	.	.
[Session=1] * [Prime=0] * [Target=0]	-1,886366	1,042243	191,882	-1,810	,072	-3,942090
[Session=1] * [Prime=0] * [Target=1]	0[b]	0	.	.	.	.
[Session=1] * [Prime=1] * [Target=0]	0[b]	0	.	.	.	.
[Session=1] * [Prime=1] * [Target=1]	0[b]	0	.	.	.	.
[Session=3] * [Prime=0] * [Target=0]	0[b]	0	.	.	.	.
[Session=3] * [Prime=0] * [Target=1]	0[b]	0	.	.	.	.
[Session=3] * [Prime=1] * [Target=0]	0[b]	0	.	.	.	.
[Session=3] * [Prime=1] * [Target=1]	0[b]	0	.	.	.	.
[Hemisphere=0] * [Prime=0] * [Target=0]	,723130	1,127073	242,278	,642	,522	-1,496983
[Hemisphere=0] * [Prime=0] * [Target=1]	0[b]	0	.	.	.	.
[Hemisphere=0] * [Prime=1] * [Target=0]	0[b]	0	.	.	.	.
[Hemisphere=0] * [Prime=1] * [Target=1]	0[b]	0	.	.	.	.
[Hemisphere=1] * [Prime=0] * [Target=0]	0[b]	0	.	.	.	.
[Hemisphere=1] * [Prime=0] * [Target=1]	0[b]	0	.	.	.	.
[Hemisphere=1] * [Prime=1] * [Target=0]	0[b]	0	.	.	.	.

Estimates of Fixed Effects[a]

Parameter	95% Confidence Upper Bound
[Session=3] * [Hemisphere=0] * [Target=0]	.
[Session=3] * [Hemisphere=0] * [Target=1]	.
[Session=3] * [Hemisphere=1] * [Target=0]	.
[Session=3] * [Hemisphere=1] * [Target=1]	.
[Session=1] * [Prime=0] * [Target=0]	,169357
[Session=1] * [Prime=0] * [Target=1]	.
[Session=1] * [Prime=1] * [Target=0]	.
[Session=1] * [Prime=1] * [Target=1]	.
[Session=3] * [Prime=0] * [Target=0]	.
[Session=3] * [Prime=0] * [Target=1]	.
[Session=3] * [Prime=1] * [Target=0]	.
[Session=3] * [Prime=1] * [Target=1]	.
[Hemisphere=0] * [Prime=0] * [Target=0]	2,943242
[Hemisphere=0] * [Prime=0] * [Target=1]	.
[Hemisphere=0] * [Prime=1] * [Target=0]	.
[Hemisphere=0] * [Prime=1] * [Target=1]	.
[Hemisphere=1] * [Prime=0] * [Target=0]	.
[Hemisphere=1] * [Prime=0] * [Target=1]	.
[Hemisphere=1] * [Prime=1] * [Target=0]	.

Estimates of Fixed Effects[a]

Parameter	Estimate	Std. Error	df	t	Sig.	95% ... Lower Bound
[Hemisphere=1] * [Prime=1] * [Target=1]	0[b]	0	.	.	.	.
[Session=1] * [Hemisphere=0] * [Prime=0] * [Target=0]	-,488149	,990585	334,667	-,493	,622	-2,436706
[Session=1] * [Hemisphere=0] * [Prime=0] * [Target=1]	0[b]	0	.	.	.	.
[Session=1] * [Hemisphere=0] * [Prime=1] * [Target=0]	0[b]	0	.	.	.	.
[Session=1] * [Hemisphere=0] * [Prime=1] * [Target=1]	0[b]	0	.	.	.	.
[Session=1] * [Hemisphere=1] * [Prime=0] * [Target=0]	0[b]	0	.	.	.	.
[Session=1] * [Hemisphere=1] * [Prime=0] * [Target=1]	0[b]	0	.	.	.	.
[Session=1] * [Hemisphere=1] * [Prime=1] * [Target=0]	0[b]	0	.	.	.	.
[Session=1] * [Hemisphere=1] * [Prime=1] * [Target=1]	0[b]	0	.	.	.	.
[Session=3] * [Hemisphere=0] * [Prime=0] * [Target=0]	0[b]	0	.	.	.	.
[Session=3] * [Hemisphere=0] * [Prime=0] * [Target=1]	0[b]	0	.	.	.	.
[Session=3] * [Hemisphere=0] * [Prime=1] * [Target=0]	0[b]	0	.	.	.	.
[Session=3] * [Hemisphere=0] * [Prime=1] * [Target=1]	0[b]	0	.	.	.	.
[Session=3] * [Hemisphere=1] * [Prime=0] * [Target=0]	0[b]	0	.	.	.	.
[Session=3] * [Hemisphere=1] * [Prime=0] * [Target=1]	0[b]	0	.	.	.	.

Estimates of Fixed Effects[a]

Parameter	95% Confidence Upper Bound
[Hemisphere=1] * [Prime=1] * [Target=1]	.
[Session=1] * [Hemisphere=0] * [Prime=0] * [Target=0]	1,460407
[Session=1] * [Hemisphere=0] * [Prime=0] * [Target=1]	.
[Session=1] * [Hemisphere=0] * [Prime=1] * [Target=0]	.
[Session=1] * [Hemisphere=0] * [Prime=1] * [Target=1]	.
[Session=1] * [Hemisphere=1] * [Prime=0] * [Target=0]	.
[Session=1] * [Hemisphere=1] * [Prime=0] * [Target=1]	.
[Session=1] * [Hemisphere=1] * [Prime=1] * [Target=0]	.
[Session=1] * [Hemisphere=1] * [Prime=1] * [Target=1]	.
[Session=3] * [Hemisphere=0] * [Prime=0] * [Target=0]	.
[Session=3] * [Hemisphere=0] * [Prime=0] * [Target=1]	.
[Session=3] * [Hemisphere=0] * [Prime=1] * [Target=0]	.
[Session=3] * [Hemisphere=0] * [Prime=1] * [Target=1]	.
[Session=3] * [Hemisphere=1] * [Prime=0] * [Target=0]	.
[Session=3] * [Hemisphere=1] * [Prime=0] * [Target=1]	.

Estimates of Fixed Effects^a

Parameter	Estimate	Std. Error	df	t	Sig.	95% ... Lower Bound
[Session=3] * [Hemisphere=1] * [Prime=1] * [Target=0]	0^b	0	.	.	.	.
[Session=3] * [Hemisphere=1] * [Prime=1] * [Target=1]	0^b	0	.	.	.	.
Visual_Component	,072421	,291959	77,451	,248	,805	-,508889
[Session=1] * Visual_Component	,299802	,304313	146,609	,985	,326	-,301606
[Session=3] * Visual_Component	0^b	0	.	.	.	.
[Hemisphere=0] * Visual_Component	,772542	,304311	146,131	2,539	,012	,171122
[Hemisphere=1] * Visual_Component	0^b	0	.	.	.	.
[Prime=0] * Visual_Component	,134376	,380588	185,425	,353	,724	-,616463
[Prime=1] * Visual_Component	0^b	0	.	.	.	.
[Target=0] * Visual_Component	,149421	,357824	151,786	,418	,677	-,557538
[Target=1] * Visual_Component	0^b	0	.	.	.	.
[Session=1] * [Prime=0] * Visual_Component	-,500581	,369402	340,898	-1,355	,176	-1,227176
[Session=1] * [Prime=1] * Visual_Component	0^b	0	.	.	.	.
[Session=3] * [Prime=0] * Visual_Component	0^b	0	.	.	.	.
[Session=3] * [Prime=1] * Visual_Component	0^b	0	.	.	.	.
[Session=1] * [Target=0] * Visual_Component	,005006	,365322	334,134	,014	,989	-,713614
[Session=1] * [Target=1] * Visual_Component	0^b	0	.	.	.	.
[Session=3] * [Target=0] * Visual_Component	0^b	0	.	.	.	.
[Session=3] * [Target=1] * Visual_Component	0^b	0	.	.	.	.
[Hemisphere=0] * [Prime=0] * Visual_Component	-,199765	,374095	334,483	-,534	,594	-,935640

Estimates of Fixed Effects^a

Parameter	95% Confidence Upper Bound
[Session=3] * [Hemisphere=1] * [Prime=1] * [Target=0]	.
[Session=3] * [Hemisphere=1] * [Prime=1] * [Target=1]	.
Visual_Component	,653731
[Session=1] * Visual_Component	,901209
[Session=3] * Visual_Component	.
[Hemisphere=0] * Visual_Component	1,373961
[Hemisphere=1] * Visual_Component	.
[Prime=0] * Visual_Component	,885215
[Prime=1] * Visual_Component	.
[Target=0] * Visual_Component	,856380
[Target=1] * Visual_Component	.
[Session=1] * [Prime=0] * Visual_Component	,226013
[Session=1] * [Prime=1] * Visual_Component	.
[Session=3] * [Prime=0] * Visual_Component	.
[Session=3] * [Prime=1] * Visual_Component	.
[Session=1] * [Target=0] * Visual_Component	,723626
[Session=1] * [Target=1] * Visual_Component	.
[Session=3] * [Target=0] * Visual_Component	.
[Session=3] * [Target=1] * Visual_Component	.
[Hemisphere=0] * [Prime=0] * Visual_Component	,536110

Estimates of Fixed Effects^a

Parameter	Estimate	Std. Error	df	t	Sig.	95% ... Lower Bound
[Hemisphere=0] * [Prime=1] * Visual_Component	0^b	0	.	.	.	.
[Hemisphere=1] * [Prime=0] * Visual_Component	0^b	0	.	.	.	.
[Hemisphere=1] * [Prime=1] * Visual_Component	0^b	0	.	.	.	.
[Hemisphere=0] * [Target=0] * Visual_Component	-,229620	,366766	329,889	-,626	,532	-,951115
[Hemisphere=0] * [Target=1] * Visual_Component	0^b	0	.	.	.	.
[Hemisphere=1] * [Target=0] * Visual_Component	0^b	0	.	.	.	.
[Hemisphere=1] * [Target=1] * Visual_Component	0^b	0	.	.	.	.
[Prime=0] * [Target=0] * Visual_Component	,616770	,366597	340,441	1,682	,093	-,104311
[Prime=0] * [Target=1] * Visual_Component	0^b	0	.	.	.	.
[Prime=1] * [Target=0] * Visual_Component	0^b	0	.	.	.	.
[Prime=1] * [Target=1] * Visual_Component	0^b	0	.	.	.	.

Estimates of Fixed Effects[a]

Parameter	95% Confidence Upper Bound
[Hemisphere=0] * [Prime=1] * Visual_Component	.
[Hemisphere=1] * [Prime=0] * Visual_Component	.
[Hemisphere=1] * [Prime=1] * Visual_Component	.
[Hemisphere=0] * [Target=0] * Visual_Component	,491875
[Hemisphere=0] * [Target=1] * Visual_Component	.
[Hemisphere=1] * [Target=0] * Visual_Component	.
[Hemisphere=1] * [Target=1] * Visual_Component	.
[Prime=0] * [Target=0] * Visual_Component	1,337851
[Prime=0] * [Target=1] * Visual_Component	.
[Prime=1] * [Target=0] * Visual_Component	.
[Prime=1] * [Target=1] * Visual_Component	.

a. Dependent Variable: Numeric_Component.

b. This parameter is set to zero because it is redundant.

Covariance Parameters

Estimates of Covariance Parameters[a]

Parameter		Estimate	Std. Error
Repeated Measures	Var: [Session=1]*[Hemisphere=0]*[Prime=0]*[Target=0]	1,501701	,426845
	Var: [Session=1]*[Hemisphere=0]*[Prime=0]*[Target=1]	,828258	,236444
	Var: [Session=1]*[Hemisphere=0]*[Prime=1]*[Target=0]	,361916	,102704
	Var: [Session=1]*[Hemisphere=0]*[Prime=1]*[Target=1]	1,114136	,314267
	Var: [Session=1]*[Hemisphere=1]*[Prime=0]*[Target=0]	,923281	,259400
	Var: [Session=1]*[Hemisphere=1]*[Prime=0]*[Target=1]	1,280344	,364851
	Var: [Session=1]*[Hemisphere=1]*[Prime=1]*[Target=0]	,674036	,191117
	Var: [Session=1]*[Hemisphere=1]*[Prime=1]*[Target=1]	,517407	,144847
	Var: [Session=3]*[Hemisphere=0]*[Prime=0]*[Target=0]	1,072625	,303125
	Var: [Session=3]*[Hemisphere=0]*[Prime=0]*[Target=1]	1,059856	,297421
	Var: [Session=3]*[Hemisphere=0]*[Prime=1]*[Target=0]	,952169	,271271
	Var: [Session=3]*[Hemisphere=0]*[Prime=1]*[Target=1]	1,004684	,281783
	Var: [Session=3]*[Hemisphere=1]*[Prime=0]*[Target=0]	1,184443	,331829
	Var: [Session=3]*[Hemisphere=1]*[Prime=0]*[Target=1]	1,096481	,310078
	Var: [Session=3]*[Hemisphere=1]*[Prime=1]*[Target=0]	1,040102	,303375
	Var: [Session=3]*[Hemisphere=1]*[Prime=1]*[Target=1]	1,067986	,303908
	CSH rho	,034464	,027625

```
MIXED Numeric_Component BY Session Hemisphere Prime Target WITH Visual_Comp
onent
  /CRITERIA=CIN(95) MXITER(100) MXSTEP(10) SCORING(1) SINGULAR(0.0000000000
01) HCONVERGE(0,
    ABSOLUTE) LCONVERGE(0, ABSOLUTE) PCONVERGE(0.000001, ABSOLUTE)
  /FIXED=Session Hemisphere Prime Target Session*Hemisphere Session*Prime S
ession*Target
    Hemisphere*Prime Hemisphere*Target Prime*Target Session*Hemisphere*Prim
e Session*Hemisphere*Target
    Session*Prime*Target Hemisphere*Prime*Target Session*Hemisphere*Prime*T
arget
    Visual_Component Session*Visual_Component
    Hemisphere*Visual_Component Prime*Visual_Component Target*Visual_Compon
ent
    Session*Prime*Visual_Component
    Hemisphere*Prime*Visual_Component Hemisphere*Target*Visual_Component Pr
ime*Target*Visual_Component
      | SSTYPE(3)
  /METHOD=ML
  /PRINT=SOLUTION
  /REPEATED=Session*Hemisphere*Prime*Target | SUBJECT(PP) COVTYPE(CSH).
```

Mixed Model Analysis

Model Dimension[a]

		Number of Levels	Covariance Structure	Number of Parameters
Fixed Effects	Intercept	1		1
	Session	2		1
	Hemisphere	2		1
	Prime	2		1
	Target	2		1
	Session * Hemisphere	4		1
	Session * Prime	4		1
	Session * Target	4		1
	Hemisphere * Prime	4		1
	Hemisphere * Target	4		1
	Prime * Target	4		1
	Session * Hemisphere * Prime	8		1
	Session * Hemisphere * Target	8		1
	Session * Prime * Target	8		1
	Hemisphere * Prime * Target	8		1
	Session * Hemisphere * Prime * Target	16		1
	Visual_Component	1		1
	Session * Visual_Component	2		1
	Hemisphere * Visual_Component	2		1
	Prime * Visual_Component	2		1
	Target * Visual_Component	2		1
	Session * Prime * Visual_Component	4		1
	Hemisphere * Prime * Visual_Component	4		1
	Hemisphere * Target * Visual_Component	4		1
	Prime * Target * Visual_Component	4		1
Repeated Effects	Session * Hemisphere * Prime * Target	16	Heterogeneous Compound Symmetry	17
Total		122		42

Model Dimension[a]

		Subject Variables	Number of Subjects
Fixed Effects	Intercept		
	Session		
	Hemisphere		
	Prime		
	Target		
	Session * Hemisphere		
	Session * Prime		
	Session * Target		
	Hemisphere * Prime		
	Hemisphere * Target		
	Prime * Target		
	Session * Hemisphere * Prime		
	Session * Hemisphere * Target		
	Session * Prime * Target		
	Hemisphere * Prime * Target		
	Session * Hemisphere * Prime * Target		
	Visual_Component		
	Session * Visual_Component		
	Hemisphere * Visual_Component		
	Prime * Visual_Component		
	Target * Visual_Component		
	Session * Prime * Visual_Component		
	Hemisphere * Prime * Visual_Component		
	Hemisphere * Target * Visual_Component		
	Prime * Target * Visual_Component		
Repeated Effects	Session * Hemisphere * Prime * Target	PP	25
Total			

Information Criteria[a]

-2 Log Likelihood	1104,271
Akaike's Information Criterion (AIC)	1188,271
Hurvich and Tsai's Criterion (AICC)	1198,389
Bozdogan's Criterion (CAIC)	1397,913
Schwarz's Bayesian Criterion (BIC)	1355,913

The information criteria are displayed in smaller-is-better form.

Fixed Effects

Type III Tests of Fixed Effects[a]

Source	Numerator df	Denominator df	F	Sig.
Intercept	1	235,735	283,407	,000
Session	1	260,082	,321	,572
Hemisphere	1	262,467	2,163	,143
Prime	1	229,328	1,252	,264
Target	1	247,907	4,879	,028
Session * Hemisphere	1	259,247	,167	,683
Session * Prime	1	252,979	2,468	,117
Session * Target	1	198,473	,822	,366
Hemisphere * Prime	1	269,477	,027	,869
Hemisphere * Target	1	297,407	,183	,669
Prime * Target	1	251,914	2,565	,110
Session * Hemisphere * Prime	1	257,261	2,582	,109
Session * Hemisphere * Target	1	348,247	1,779	,183
Session * Prime * Target	1	192,833	9,292	,003
Hemisphere * Prime * Target	1	230,127	,338	,562
Session * Hemisphere * Prime * Target	1	334,893	,243	,623

Type III Tests of Fixed Effects[a]

Source	Numerator df	Denominator df	F	Sig.
Visual_Component	1	345,330	55,233	,000
Session * Visual_Component	1	341,097	,080	,778
Hemisphere * Visual_Component	1	337,252	9,321	,002
Prime * Visual_Component	1	339,430	,255	,614
Target * Visual_Component	1	337,593	3,571	,060
Session * Prime * Visual_Component	1	344,522	1,847	,175
Hemisphere * Prime * Visual_Component	1	341,098	,295	,588
Hemisphere * Target * Visual_Component	1	332,417	,395	,530
Prime * Target * Visual_Component	1	342,715	2,835	,093

a. Dependent Variable: Numeric_Component.

Estimates of Fixed Effects[a]

Parameter	Estimate	Std. Error	df	t	Sig.	95% ... Lower Bound
Intercept	4,456239	,560823	90,247	7,946	,000	3,342108
[Session=1]	,415257	,537458	168,669	,773	,441	-,645753
[Session=3]	0[b]	0	.	.	.	.
[Hemisphere=0]	,945775	,723589	126,273	1,307	,194	-,486156
[Hemisphere=1]	0[b]	0	.	.	.	.
[Prime=0]	,064966	1,304876	110,811	,050	,960	-2,520781
[Prime=1]	0[b]	0	.	.	.	.
[Target=0]	,054724	,742110	116,416	,074	,941	-1,415063
[Target=1]	0[b]	0	.	.	.	.
[Session=1] * [Hemisphere=0]	,737335	,404271	102,506	1,824	,071	-,064488
[Session=1] * [Hemisphere=1]	0[b]	0	.	.	.	.
[Session=3] * [Hemisphere=0]	0[b]	0	.	.	.	.
[Session=3] * [Hemisphere=1]	0[b]	0	.	.	.	.
[Session=1] * [Prime=0]	-,768341	1,177933	202,112	-,652	,515	-3,090955

Estimates of Fixed Effects^a

Parameter	95% Confidence
	Upper Bound
Intercept	5,570371
[Session=1]	1,476268
[Session=3]	.
[Hemisphere=0]	2,377707
[Hemisphere=1]	.
[Prime=0]	2,650713
[Prime=1]	.
[Target=0]	1,524511
[Target=1]	.
[Session=1] * [Hemisphere=0]	1,539158
[Session=1] * [Hemisphere=1]	.
[Session=3] * [Hemisphere=0]	.
[Session=3] * [Hemisphere=1]	.
[Session=1] * [Prime=0]	1,554272

Estimates of Fixed Effects[a]

Parameter	Estimate	Std. Error	df	t	Sig.	95% ... Lower Bound
[Session=1] * [Prime=1]	0[b]	0	.	.	.	.
[Session=3] * [Prime=0]	0[b]	0	.	.	.	.
[Session=3] * [Prime=1]	0[b]	0	.	.	.	.
[Session=1] * [Target=0]	1,558528	,439425	127,994	3,547	,001	,689051
[Session=1] * [Target=1]	0[b]	0	.	.	.	.
[Session=3] * [Target=0]	0[b]	0	.	.	.	.
[Session=3] * [Target=1]	0[b]	0	.	.	.	.
[Hemisphere=0] * [Prime=0]	,322618	1,367624	253,030	,236	,814	-2,370759
[Hemisphere=0] * [Prime=1]	0[b]	0	.	.	.	.
[Hemisphere=1] * [Prime=0]	0[b]	0	.	.	.	.
[Hemisphere=1] * [Prime=1]	0[b]	0	.	.	.	.
[Hemisphere=0] * [Target=0]	-,632532	1,048996	301,959	-,603	,547	-2,696800
[Hemisphere=0] * [Target=1]	0[b]	0	.	.	.	.
[Hemisphere=1] * [Target=0]	0[b]	0	.	.	.	.
[Hemisphere=1] * [Target=1]	0[b]	0	.	.	.	.
[Prime=0] * [Target=0]	2,941974	1,544704	206,275	1,905	,058	-,103459
[Prime=0] * [Target=1]	0[b]	0	.	.	.	.
[Prime=1] * [Target=0]	0[b]	0	.	.	.	.
[Prime=1] * [Target=1]	0[b]	0	.	.	.	.
[Session=1] * [Hemisphere=0] * [Prime=0]	-,660623	,732032	171,244	-,902	,368	-2,105591
[Session=1] * [Hemisphere=0] * [Prime=1]	0[b]	0	.	.	.	.
[Session=1] * [Hemisphere=1] * [Prime=0]	0[b]	0	.	.	.	.
[Session=1] * [Hemisphere=1] * [Prime=1]	0[b]	0	.	.	.	.

Estimates of Fixed Effects^a

Parameter	95% Confidence Upper Bound
[Session=1] * [Prime=1]	.
[Session=3] * [Prime=0]	.
[Session=3] * [Prime=1]	.
[Session=1] * [Target=0]	2,428004
[Session=1] * [Target=1]	.
[Session=3] * [Target=0]	.
[Session=3] * [Target=1]	.
[Hemisphere=0] * [Prime=0]	3,015994
[Hemisphere=0] * [Prime=1]	.
[Hemisphere=1] * [Prime=0]	.
[Hemisphere=1] * [Prime=1]	.
[Hemisphere=0] * [Target=0]	1,431737
[Hemisphere=0] * [Target=1]	.
[Hemisphere=1] * [Target=0]	.
[Hemisphere=1] * [Target=1]	.
[Prime=0] * [Target=0]	5,987407
[Prime=0] * [Target=1]	.
[Prime=1] * [Target=0]	.
[Prime=1] * [Target=1]	.
[Session=1] * [Hemisphere=0] * [Prime=0]	,784346
[Session=1] * [Hemisphere=0] * [Prime=1]	.
[Session=1] * [Hemisphere=1] * [Prime=0]	.
[Session=1] * [Hemisphere=1] * [Prime=1]	.

Estimates of Fixed Effects[a]

Parameter	Estimate	Std. Error	df	t	Sig.	95% ... Lower Bound
[Session=3] * [Hemisphere=0] * [Prime=0]	0[b]	0	.	.	.	.
[Session=3] * [Hemisphere=0] * [Prime=1]	0[b]	0	.	.	.	.
[Session=3] * [Hemisphere=1] * [Prime=0]	0[b]	0	.	.	.	.
[Session=3] * [Hemisphere=1] * [Prime=1]	0[b]	0	.	.	.	.
[Session=1] * [Hemisphere=0] * [Target=0]	-,339314	,532700	185,170	-,637	,525	-1,390255
[Session=1] * [Hemisphere=0] * [Target=1]	0[b]	0	.	.	.	.
[Session=1] * [Hemisphere=1] * [Target=0]	0[b]	0	.	.	.	.
[Session=1] * [Hemisphere=1] * [Target=1]	0[b]	0	.	.	.	.
[Session=3] * [Hemisphere=0] * [Target=0]	0[b]	0	.	.	.	.
[Session=3] * [Hemisphere=0] * [Target=1]	0[b]	0	.	.	.	.
[Session=3] * [Hemisphere=1] * [Target=0]	0[b]	0	.	.	.	.
[Session=3] * [Hemisphere=1] * [Target=1]	0[b]	0	.	.	.	.
[Session=1] * [Prime=0] * [Target=0]	-1,893865	,886210	171,874	-2,137	,034	-3,643121
[Session=1] * [Prime=0] * [Target=1]	0[b]	0	.	.	.	.
[Session=1] * [Prime=1] * [Target=0]	0[b]	0	.	.	.	.
[Session=1] * [Prime=1] * [Target=1]	0[b]	0	.	.	.	.

Estimates of Fixed Effects[a]

Parameter	95% Confidence Upper Bound
[Session=3] * [Hemisphere=0] * [Prime=0]	.
[Session=3] * [Hemisphere=0] * [Prime=1]	.
[Session=3] * [Hemisphere=1] * [Prime=0]	.
[Session=3] * [Hemisphere=1] * [Prime=1]	.
[Session=1] * [Hemisphere=0] * [Target=0]	,711626
[Session=1] * [Hemisphere=0] * [Target=1]	.
[Session=1] * [Hemisphere=1] * [Target=0]	.
[Session=1] * [Hemisphere=1] * [Target=1]	.
[Session=3] * [Hemisphere=0] * [Target=0]	.
[Session=3] * [Hemisphere=0] * [Target=1]	.
[Session=3] * [Hemisphere=1] * [Target=0]	.
[Session=3] * [Hemisphere=1] * [Target=1]	.
[Session=1] * [Prime=0] * [Target=0]	-,144609
[Session=1] * [Prime=0] * [Target=1]	.
[Session=1] * [Prime=1] * [Target=0]	.
[Session=1] * [Prime=1] * [Target=1]	.

Estimates of Fixed Effects^a

Parameter	Estimate	Std. Error	df	t	Sig.	95% ... Lower Bound
[Session=3] * [Prime=0] * [Target=0]	0^b	0	.	.	.	.
[Session=3] * [Prime=0] * [Target=1]	0^b	0	.	.	.	.
[Session=3] * [Prime=1] * [Target=0]	0^b	0	.	.	.	.
[Session=3] * [Prime=1] * [Target=1]	0^b	0	.	.	.	.
[Hemisphere=0] * [Prime=0] * [Target=0]	,721558	1,121040	243,919	,644	,520	-1,486597
[Hemisphere=0] * [Prime=0] * [Target=1]	0^b	0	.	.	.	.
[Hemisphere=0] * [Prime=1] * [Target=0]	0^b	0	.	.	.	.
[Hemisphere=0] * [Prime=1] * [Target=1]	0^b	0	.	.	.	.
[Hemisphere=1] * [Prime=0] * [Target=0]	0^b	0	.	.	.	.
[Hemisphere=1] * [Prime=0] * [Target=1]	0^b	0	.	.	.	.
[Hemisphere=1] * [Prime=1] * [Target=0]	0^b	0	.	.	.	.
[Hemisphere=1] * [Prime=1] * [Target=1]	0^b	0	.	.	.	.
[Session=1] * [Hemisphere=0] * [Prime=0] * [Target=0]	-,487906	,990399	334,893	-,493	,623	-2,436093
[Session=1] * [Hemisphere=0] * [Prime=0] * [Target=1]	0^b	0	.	.	.	.
[Session=1] * [Hemisphere=0] * [Prime=1] * [Target=0]	0^b	0	.	.	.	.
[Session=1] * [Hemisphere=0] * [Prime=1] * [Target=1]	0^b	0	.	.	.	.
[Session=1] * [Hemisphere=1] * [Prime=0] * [Target=0]	0^b	0	.	.	.	.
[Session=1] * [Hemisphere=1] * [Prime=0] * [Target=1]	0^b	0	.	.	.	.

Estimates of Fixed Effects^a

Parameter	95% Confidence
	Upper Bound
[Session=3] * [Prime=0] * [Target=0]	.
[Session=3] * [Prime=0] * [Target=1]	.
[Session=3] * [Prime=1] * [Target=0]	.
[Session=3] * [Prime=1] * [Target=1]	.
[Hemisphere=0] * [Prime=0] * [Target=0]	2,929713
[Hemisphere=0] * [Prime=0] * [Target=1]	.
[Hemisphere=0] * [Prime=1] * [Target=0]	.
[Hemisphere=0] * [Prime=1] * [Target=1]	.
[Hemisphere=1] * [Prime=0] * [Target=0]	.
[Hemisphere=1] * [Prime=0] * [Target=1]	.
[Hemisphere=1] * [Prime=1] * [Target=0]	.
[Hemisphere=1] * [Prime=1] * [Target=1]	.
[Session=1] * [Hemisphere=0] * [Prime=0] * [Target=0]	1,460280
[Session=1] * [Hemisphere=0] * [Prime=0] * [Target=1]	.
[Session=1] * [Hemisphere=0] * [Prime=1] * [Target=0]	.
[Session=1] * [Hemisphere=0] * [Prime=1] * [Target=1]	.
[Session=1] * [Hemisphere=1] * [Prime=0] * [Target=0]	.
[Session=1] * [Hemisphere=1] * [Prime=0] * [Target=1]	.

Estimates of Fixed Effects^a

Parameter	Estimate	Std. Error	df	t	Sig.	95% ... Lower Bound
[Session=1] * [Hemisphere=1] * [Prime=1] * [Target=0]	0^b	0	.	.	.	.
[Session=1] * [Hemisphere=1] * [Prime=1] * [Target=1]	0^b	0	.	.	.	.
[Session=3] * [Hemisphere=0] * [Prime=0] * [Target=0]	0^b	0	.	.	.	.
[Session=3] * [Hemisphere=0] * [Prime=0] * [Target=1]	0^b	0	.	.	.	.
[Session=3] * [Hemisphere=0] * [Prime=1] * [Target=0]	0^b	0	.	.	.	.
[Session=3] * [Hemisphere=0] * [Prime=1] * [Target=1]	0^b	0	.	.	.	.
[Session=3] * [Hemisphere=1] * [Prime=0] * [Target=0]	0^b	0	.	.	.	.
[Session=3] * [Hemisphere=1] * [Prime=0] * [Target=1]	0^b	0	.	.	.	.
[Session=3] * [Hemisphere=1] * [Prime=1] * [Target=0]	0^b	0	.	.	.	.
[Session=3] * [Hemisphere=1] * [Prime=1] * [Target=1]	0^b	0	.	.	.	.
Visual_Component	,070402	,251766	113,075	,280	,780	-,428388
[Session=1] * Visual_Component	,302517	,230036	199,381	1,315	,190	-,151099
[Session=3] * Visual_Component	0^b	0	.	.	.	.
[Hemisphere=0] * Visual_Component	,773574	,294632	153,711	2,626	,010	,191523
[Hemisphere=1] * Visual_Component	0^b	0	.	.	.	.
[Prime=0] * Visual_Component	,135085	,377076	180,774	,358	,721	-,608952
[Prime=1] * Visual_Component	0^b	0	.	.	.	.
[Target=0] * Visual_Component	,152443	,282855	150,507	,539	,591	-,406436

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Estimates of Fixed Effects^a

Parameter	95% Confidence Upper Bound
[Session=1] * [Hemisphere=1] * [Prime=1] * [Target=0]	.
[Session=1] * [Hemisphere=1] * [Prime=1] * [Target=1]	.
[Session=3] * [Hemisphere=0] * [Prime=0] * [Target=0]	.
[Session=3] * [Hemisphere=0] * [Prime=0] * [Target=1]	.
[Session=3] * [Hemisphere=0] * [Prime=1] * [Target=0]	.
[Session=3] * [Hemisphere=0] * [Prime=1] * [Target=1]	.
[Session=3] * [Hemisphere=1] * [Prime=0] * [Target=0]	.
[Session=3] * [Hemisphere=1] * [Prime=0] * [Target=1]	.
[Session=3] * [Hemisphere=1] * [Prime=1] * [Target=0]	.
[Session=3] * [Hemisphere=1] * [Prime=1] * [Target=1]	.
Visual_Component	,569192
[Session=1] * Visual_Component	,756134
[Session=3] * Visual_Component	.
[Hemisphere=0] * Visual_Component	1,355625
[Hemisphere=1] * Visual_Component	.
[Prime=0] * Visual_Component	,879122
[Prime=1] * Visual_Component	.
[Target=0] * Visual_Component	,711321

Estimates of Fixed Effects^a

Parameter	Estimate	Std. Error	df	t	Sig.	95% ...
						Lower Bound
[Target=1] * Visual_Component	0^b	0	.	.	.	.
[Session=1] * [Prime=0] * Visual_Component	-,500899	,368601	344,522	-1,359	,175	-1,225890
[Session=1] * [Prime=1] * Visual_Component	0^b	0	.	.	.	.
[Session=3] * [Prime=0] * Visual_Component	0^b	0	.	.	.	.
[Session=3] * [Prime=1] * Visual_Component	0^b	0	.	.	.	.
[Hemisphere=0] * [Prime=0] * Visual_Component	-,200551	,369503	341,098	-,543	,588	-,927341
[Hemisphere=0] * [Prime=1] * Visual_Component	0^b	0	.	.	.	.
[Hemisphere=1] * [Prime=0] * Visual_Component	0^b	0	.	.	.	.
[Hemisphere=1] * [Prime=1] * Visual_Component	0^b	0	.	.	.	.
[Hemisphere=0] * [Target=0] * Visual_Component	-,229972	,365820	332,417	-,629	,530	-,949585
[Hemisphere=0] * [Target=1] * Visual_Component	0^b	0	.	.	.	.
[Hemisphere=1] * [Target=0] * Visual_Component	0^b	0	.	.	.	.
[Hemisphere=1] * [Target=1] * Visual_Component	0^b	0	.	.	.	.
[Prime=0] * [Target=0] * Visual_Component	,616497	,366158	342,715	1,684	,093	-,103702
[Prime=0] * [Target=1] * Visual_Component	0^b	0	.	.	.	.
[Prime=1] * [Target=0] * Visual_Component	0^b	0	.	.	.	.
[Prime=1] * [Target=1] * Visual_Component	0^b	0	.	.	.	.

Estimates of Fixed Effects^a

Parameter	95% Confidence Upper Bound
[Target=1] * Visual_Component	.
[Session=1] * [Prime=0] * Visual_Component	,224092
[Session=1] * [Prime=1] * Visual_Component	.
[Session=3] * [Prime=0] * Visual_Component	.
[Session=3] * [Prime=1] * Visual_Component	.
[Hemisphere=0] * [Prime=0] * Visual_Component	,526240
[Hemisphere=0] * [Prime=1] * Visual_Component	.
[Hemisphere=1] * [Prime=0] * Visual_Component	.
[Hemisphere=1] * [Prime=1] * Visual_Component	.
[Hemisphere=0] * [Target=0] * Visual_Component	,489641
[Hemisphere=0] * [Target=1] * Visual_Component	.
[Hemisphere=1] * [Target=0] * Visual_Component	.
[Hemisphere=1] * [Target=1] * Visual_Component	.
[Prime=0] * [Target=0] * Visual_Component	1,336697
[Prime=0] * [Target=1] * Visual_Component	.
[Prime=1] * [Target=0] * Visual_Component	.
[Prime=1] * [Target=1] * Visual_Component	.

a. Dependent Variable: Numeric_Component.

b. This parameter is set to zero because it is redundant.

Covariance Parameters

Estimates of Covariance Parameters[a]

Parameter		Estimate	Std. Error
Repeated Measures	Var: [Session=1]*[Hemisphere=0]*[Prime=0]*[Target=0]	1,501785	,426836
	Var: [Session=1]*[Hemisphere=0]*[Prime=0]*[Target=1]	,828338	,236409
	Var: [Session=1]*[Hemisphere=0]*[Prime=1]*[Target=0]	,361921	,102708
	Var: [Session=1]*[Hemisphere=0]*[Prime=1]*[Target=1]	1,114227	,314232
	Var: [Session=1]*[Hemisphere=1]*[Prime=0]*[Target=0]	,923259	,259386
	Var: [Session=1]*[Hemisphere=1]*[Prime=0]*[Target=1]	1,280235	,364716
	Var: [Session=1]*[Hemisphere=1]*[Prime=1]*[Target=0]	,673955	,190990
	Var: [Session=1]*[Hemisphere=1]*[Prime=1]*[Target=1]	,517390	,144832
	Var: [Session=3]*[Hemisphere=0]*[Prime=0]*[Target=0]	1,072578	,303089
	Var: [Session=3]*[Hemisphere=0]*[Prime=0]*[Target=1]	1,059949	,297382
	Var: [Session=3]*[Hemisphere=0]*[Prime=1]*[Target=0]	,952334	,271071
	Var: [Session=3]*[Hemisphere=0]*[Prime=1]*[Target=1]	1,004771	,281751
	Var: [Session=3]*[Hemisphere=1]*[Prime=0]*[Target=0]	1,184490	,331833
	Var: [Session=3]*[Hemisphere=1]*[Prime=0]*[Target=1]	1,096463	,310066
	Var: [Session=3]*[Hemisphere=1]*[Prime=1]*[Target=0]	1,039922	,303004

Estimates of Covariance Parameters[a]

Parameter		Estimate	Std. Error
	Var: [Session=3]* [Hemisphere=1]*[Prime=1]* [Target=1]	1,067742	,303279
	CSH rho	,034447	,027594

a. Dependent Variable: Numeric_Component.

```
MIXED Numeric_Component BY Session Hemisphere Prime Target WITH Visual_Comp
onent
  /CRITERIA=CIN(95) MXITER(100) MXSTEP(10) SCORING(1) SINGULAR(0.0000000000
01) HCONVERGE(0,
    ABSOLUTE) LCONVERGE(0, ABSOLUTE) PCONVERGE(0.000001, ABSOLUTE)
  /FIXED=Session Hemisphere Prime Target Session*Hemisphere Session*Prime S
ession*Target
    Hemisphere*Prime Hemisphere*Target Prime*Target Session*Hemisphere*Prim
e Session*Hemisphere*Target
    Session*Prime*Target Hemisphere*Prime*Target Session*Hemisphere*Prime*T
arget
    Visual_Component Session*Visual_Component
    Hemisphere*Visual_Component Prime*Visual_Component Target*Visual_Compon
ent
    Session*Prime*Visual_Component
    Hemisphere*Target*Visual_Component Prime*Target*Visual_Component
      | SSTYPE(3)
  /METHOD=ML
  /PRINT=SOLUTION
  /REPEATED=Session*Hemisphere*Prime*Target | SUBJECT(PP) COVTYPE(CSH).
```

Mixed Model Analysis

Model Dimension[a]

		Number of Levels	Covariance Structure	Number of Parameters
Fixed Effects	Intercept	1		1
	Session	2		1
	Hemisphere	2		1
	Prime	2		1
	Target	2		1
	Session * Hemisphere	4		1
	Session * Prime	4		1
	Session * Target	4		1
	Hemisphere * Prime	4		1
	Hemisphere * Target	4		1
	Prime * Target	4		1
	Session * Hemisphere * Prime	8		1
	Session * Hemisphere * Target	8		1
	Session * Prime * Target	8		1
	Hemisphere * Prime * Target	8		1
	Session * Hemisphere * Prime * Target	16		1
	Visual_Component	1		1
	Session * Visual_Component	2		1
	Hemisphere * Visual_Component	2		1
	Prime * Visual_Component	2		1
	Target * Visual_Component	2		1
	Session * Prime * Visual_Component	4		1
	Hemisphere * Target * Visual_Component	4		1
	Prime * Target * Visual_Component	4		1
Repeated Effects	Session * Hemisphere * Prime * Target	16	Heterogeneous Compound Symmetry	17
Total		118		41

Model Dimension^a

		Subject Variables	Number of Subjects
Fixed Effects	Intercept		
	Session		
	Hemisphere		
	Prime		
	Target		
	Session * Hemisphere		
	Session * Prime		
	Session * Target		
	Hemisphere * Prime		
	Hemisphere * Target		
	Prime * Target		
	Session * Hemisphere * Prime		
	Session * Hemisphere * Target		
	Session * Prime * Target		
	Hemisphere * Prime * Target		
	Session * Hemisphere * Prime * Target		
	Visual_Component		
	Session * Visual_Component		
	Hemisphere * Visual_Component		
	Prime * Visual_Component		
	Target * Visual_Component		
	Session * Prime * Visual_Component		
	Hemisphere * Target * Visual_Component		
	Prime * Target * Visual_Component		
Repeated Effects	Session * Hemisphere * Prime * Target	PP	25
Total			

a. Dependent Variable: Numeric_Component.

Information Criteria^a

-2 Log Likelihood	1104,561
Akaike's Information Criterion (AIC)	1186,561
Hurvich and Tsai's Criterion (AICC)	1196,181
Bozdogan's Criterion (CAIC)	1391,211
Schwarz's Bayesian Criterion (BIC)	1350,211

The information criteria are displayed in smaller-is-better form.

a. Dependent Variable: Numeric_Component.

Fixed Effects

Type III Tests of Fixed Effects^a

Source	Numerator df	Denominator df	F	Sig.
Intercept	1	242,290	289,172	,000
Session	1	263,925	,347	,557
Hemisphere	1	299,477	3,698	,055
Prime	1	241,445	1,473	,226
Target	1	250,197	5,601	,019
Session * Hemisphere	1	347,595	,013	,910
Session * Prime	1	255,498	2,376	,124
Session * Target	1	203,734	,739	,391
Hemisphere * Prime	1	310,173	8,723	,003
Hemisphere * Target	1	303,791	,118	,732
Prime * Target	1	261,329	2,735	,099
Session * Hemisphere * Prime	1	321,175	4,179	,042
Session * Hemisphere * Target	1	351,986	2,009	,157
Session * Prime * Target	1	192,937	10,145	,002
Hemisphere * Prime * Target	1	320,261	1,216	,271
Session * Hemisphere * Prime * Target	1	336,831	,285	,594
Visual_Component	1	345,944	56,046	,000

Type III Tests of Fixed Effects[a]

Source	Numerator df	Denominator df	F	Sig.
Session * Visual_Component	1	344,003	,092	,761
Hemisphere * Visual_Component	1	323,279	11,151	,001
Prime * Visual_Component	1	343,539	,304	,582
Target * Visual_Component	1	332,774	4,164	,042
Session * Prime * Visual_Component	1	344,625	1,756	,186
Hemisphere * Target * Visual_Component	1	334,420	,344	,558
Prime * Target * Visual_Component	1	349,992	2,939	,087

a. Dependent Variable: Numeric_Component.

Estimates of Fixed Effects[a]

Parameter	Estimate	Std. Error	df	t	Sig.	95% ... Lower Bound
Intercept	4,526398	,547138	97,098	8,273	,000	3,440493
[Session=1]	,409822	,537667	168,582	,762	,447	-,651606
[Session=3]	0[b]	0	.	.	.	.
[Hemisphere=0]	,763197	,643501	154,498	1,186	,237	-,507999
[Hemisphere=1]	0[b]	0	.	.	.	.
[Prime=0]	-,278831	1,136503	124,252	-,245	,807	-2,528243
[Prime=1]	0[b]	0	.	.	.	.
[Target=0]	,095883	,738423	123,658	,130	,897	-1,365703
[Target=1]	0[b]	0	.	.	.	.
[Session=1] * [Hemisphere=0]	,719679	,403618	103,153	1,783	,078	-,080789
[Session=1] * [Hemisphere=1]	0[b]	0	.	.	.	.
[Session=3] * [Hemisphere=0]	0[b]	0	.	.	.	.
[Session=3] * [Hemisphere=1]	0[b]	0	.	.	.	.
[Session=1] * [Prime=0]	-,635674	1,151536	228,429	-,552	,581	-2,904665
[Session=1] * [Prime=1]	0[b]	0	.	.	.	.
[Session=3] * [Prime=0]	0[b]	0	.	.	.	.

Estimates of Fixed Effects[a]

Parameter	95% Confidence
	Upper Bound
Intercept	5,612302
[Session=1]	1,471250
[Session=3]	.
[Hemisphere=0]	2,034394
[Hemisphere=1]	.
[Prime=0]	1,970581
[Prime=1]	.
[Target=0]	1,557469
[Target=1]	.
[Session=1] * [Hemisphere=0]	1,520147
[Session=1] * [Hemisphere=1]	.
[Session=3] * [Hemisphere=0]	.
[Session=3] * [Hemisphere=1]	.
[Session=1] * [Prime=0]	1,633317
[Session=1] * [Prime=1]	.
[Session=3] * [Prime=0]	.

Estimates of Fixed Effects[a]

Parameter	Estimate	Std. Error	df	t	Sig.	95% ... Lower Bound
[Session=3] * [Prime=1]	0[b]	0	.	.	.	.
[Session=1] * [Target=0]	1,579847	,437918	129,520	3,608	,000	,713449
[Session=1] * [Target=1]	0[b]	0	.	.	.	.
[Session=3] * [Target=0]	0[b]	0	.	.	.	.
[Session=3] * [Target=1]	0[b]	0	.	.	.	.
[Hemisphere=0] * [Prime=0]	,985182	,612159	169,720	1,609	,109	-,223244
[Hemisphere=0] * [Prime=1]	0[b]	0	.	.	.	.
[Hemisphere=1] * [Prime=0]	0[b]	0	.	.	.	.
[Hemisphere=1] * [Prime=1]	0[b]	0	.	.	.	.
[Hemisphere=0] * [Target=0]	-,639165	1,049439	302,970	-,609	,543	-2,704277
[Hemisphere=0] * [Target=1]	0[b]	0	.	.	.	.
[Hemisphere=1] * [Target=0]	0[b]	0	.	.	.	.
[Hemisphere=1] * [Target=1]	0[b]	0	.	.	.	.
[Prime=0] * [Target=0]	2,899723	1,544220	209,477	1,878	,062	-,144480
[Prime=0] * [Target=1]	0[b]	0	.	.	.	.
[Prime=1] * [Target=0]	0[b]	0	.	.	.	.
[Prime=1] * [Target=1]	0[b]	0	.	.	.	.
[Session=1] * [Hemisphere=0] * [Prime=0]	-,772569	,702532	181,410	-1,100	,273	-2,158755
[Session=1] * [Hemisphere=0] * [Prime=1]	0[b]	0	.	.	.	.
[Session=1] * [Hemisphere=1] * [Prime=0]	0[b]	0	.	.	.	.
[Session=1] * [Hemisphere=1] * [Prime=1]	0[b]	0	.	.	.	.
[Session=3] * [Hemisphere=0] * [Prime=0]	0[b]	0	.	.	.	.

Estimates of Fixed Effects^a

Parameter	95% Confidence Upper Bound
[Session=3] * [Prime=1]	.
[Session=1] * [Target=0]	2,446245
[Session=1] * [Target=1]	.
[Session=3] * [Target=0]	.
[Session=3] * [Target=1]	.
[Hemisphere=0] * [Prime=0]	2,193609
[Hemisphere=0] * [Prime=1]	.
[Hemisphere=1] * [Prime=0]	.
[Hemisphere=1] * [Prime=1]	.
[Hemisphere=0] * [Target=0]	1,425947
[Hemisphere=0] * [Target=1]	.
[Hemisphere=1] * [Target=0]	.
[Hemisphere=1] * [Target=1]	.
[Prime=0] * [Target=0]	5,943926
[Prime=0] * [Target=1]	.
[Prime=1] * [Target=0]	.
[Prime=1] * [Target=1]	.
[Session=1] * [Hemisphere=0] * [Prime=0]	,613616
[Session=1] * [Hemisphere=0] * [Prime=1]	.
[Session=1] * [Hemisphere=1] * [Prime=0]	.
[Session=1] * [Hemisphere=1] * [Prime=1]	.
[Session=3] * [Hemisphere=0] * [Prime=0]	.

Estimates of Fixed Effects^a

Parameter	Estimate	Std. Error	df	t	Sig.	95% ... Lower Bound
[Session=3] * [Hemisphere=0] * [Prime=1]	0^b	0	.	.	.	.
[Session=3] * [Hemisphere=1] * [Prime=0]	0^b	0	.	.	.	.
[Session=3] * [Hemisphere=1] * [Prime=1]	0^b	0	.	.	.	.
[Session=1] * [Hemisphere=0] * [Target=0]	-,350985	,532591	185,338	-,659	,511	-1,401705
[Session=1] * [Hemisphere=0] * [Target=1]	0^b	0	.	.	.	.
[Session=1] * [Hemisphere=1] * [Target=0]	0^b	0	.	.	.	.
[Session=1] * [Hemisphere=1] * [Target=1]	0^b	0	.	.	.	.
[Session=3] * [Hemisphere=0] * [Target=0]	0^b	0	.	.	.	.
[Session=3] * [Hemisphere=0] * [Target=1]	0^b	0	.	.	.	.
[Session=3] * [Hemisphere=1] * [Target=0]	0^b	0	.	.	.	.
[Session=3] * [Hemisphere=1] * [Target=1]	0^b	0	.	.	.	.
[Session=1] * [Prime=0] * [Target=0]	-1,939689	,883390	175,340	-2,196	,029	-3,683134
[Session=1] * [Prime=0] * [Target=1]	0^b	0	.	.	.	.
[Session=1] * [Prime=1] * [Target=0]	0^b	0	.	.	.	.
[Session=1] * [Prime=1] * [Target=1]	0^b	0	.	.	.	.
[Session=3] * [Prime=0] * [Target=0]	0^b	0	.	.	.	.
[Session=3] * [Prime=0] * [Target=1]	0^b	0	.	.	.	.

Estimates of Fixed Effects^a

Parameter	95% Confidence Upper Bound
[Session=3] * [Hemisphere=0] * [Prime=1]	.
[Session=3] * [Hemisphere=1] * [Prime=0]	.
[Session=3] * [Hemisphere=1] * [Prime=1]	.
[Session=1] * [Hemisphere=0] * [Target=0]	,699735
[Session=1] * [Hemisphere=0] * [Target=1]	.
[Session=1] * [Hemisphere=1] * [Target=0]	.
[Session=1] * [Hemisphere=1] * [Target=1]	.
[Session=3] * [Hemisphere=0] * [Target=0]	.
[Session=3] * [Hemisphere=0] * [Target=1]	.
[Session=3] * [Hemisphere=1] * [Target=0]	.
[Session=3] * [Hemisphere=1] * [Target=1]	.
[Session=1] * [Prime=0] * [Target=0]	-,196243
[Session=1] * [Prime=0] * [Target=1]	.
[Session=1] * [Prime=1] * [Target=0]	.
[Session=1] * [Prime=1] * [Target=1]	.
[Session=3] * [Prime=0] * [Target=0]	.
[Session=3] * [Prime=0] * [Target=1]	.

Estimates of Fixed Effects[a]

Parameter	Estimate	Std. Error	df	t	Sig.	95% ... Lower Bound
[Session=3] * [Prime=1] * [Target=0]	0[b]	0	.	.	.	.
[Session=3] * [Prime=1] * [Target=1]	0[b]	0	.	.	.	.
[Hemisphere=0] * [Prime=0] * [Target=0]	1,001412	,996408	297,413	1,005	,316	-,959491
[Hemisphere=0] * [Prime=0] * [Target=1]	0[b]	0	.	.	.	.
[Hemisphere=0] * [Prime=1] * [Target=0]	0[b]	0	.	.	.	.
[Hemisphere=0] * [Prime=1] * [Target=1]	0[b]	0	.	.	.	.
[Hemisphere=1] * [Prime=0] * [Target=0]	0[b]	0	.	.	.	.
[Hemisphere=1] * [Prime=0] * [Target=1]	0[b]	0	.	.	.	.
[Hemisphere=1] * [Prime=1] * [Target=0]	0[b]	0	.	.	.	.
[Hemisphere=1] * [Prime=1] * [Target=1]	0[b]	0	.	.	.	.
[Session=1] * [Hemisphere=0] * [Prime=0] * [Target=0]	-,527968	,988414	336,831	-,534	,594	-2,472209
[Session=1] * [Hemisphere=0] * [Prime=0] * [Target=1]	0[b]	0	.	.	.	.
[Session=1] * [Hemisphere=0] * [Prime=1] * [Target=0]	0[b]	0	.	.	.	.
[Session=1] * [Hemisphere=0] * [Prime=1] * [Target=1]	0[b]	0	.	.	.	.
[Session=1] * [Hemisphere=1] * [Prime=0] * [Target=0]	0[b]	0	.	.	.	.
[Session=1] * [Hemisphere=1] * [Prime=0] * [Target=1]	0[b]	0	.	.	.	.
[Session=1] * [Hemisphere=1] * [Prime=1] * [Target=0]	0[b]	0	.	.	.	.
[Session=1] * [Hemisphere=1] * [Prime=1] * [Target=1]	0[b]	0	.	.	.	.

Estimates of Fixed Effects[a]

Parameter	95% Confidence Upper Bound
[Session=3] * [Prime=1] * [Target=0]	.
[Session=3] * [Prime=1] * [Target=1]	.
[Hemisphere=0] * [Prime=0] * [Target=0]	2,962316
[Hemisphere=0] * [Prime=0] * [Target=1]	.
[Hemisphere=0] * [Prime=1] * [Target=0]	.
[Hemisphere=0] * [Prime=1] * [Target=1]	.
[Hemisphere=1] * [Prime=0] * [Target=0]	.
[Hemisphere=1] * [Prime=0] * [Target=1]	.
[Hemisphere=1] * [Prime=1] * [Target=0]	.
[Hemisphere=1] * [Prime=1] * [Target=1]	.
[Session=1] * [Hemisphere=0] * [Prime=0] * [Target=0]	1,416273
[Session=1] * [Hemisphere=0] * [Prime=0] * [Target=1]	.
[Session=1] * [Hemisphere=0] * [Prime=1] * [Target=0]	.
[Session=1] * [Hemisphere=0] * [Prime=1] * [Target=1]	.
[Session=1] * [Hemisphere=1] * [Prime=0] * [Target=0]	.
[Session=1] * [Hemisphere=1] * [Prime=0] * [Target=1]	.
[Session=1] * [Hemisphere=1] * [Prime=1] * [Target=0]	.
[Session=1] * [Hemisphere=1] * [Prime=1] * [Target=1]	.

Estimates of Fixed Effects^a

Parameter	Estimate	Std. Error	df	t	Sig.	95% ... Lower Bound
[Session=3] * [Hemisphere=0] * [Prime=0] * [Target=0]	0^b	0	.	.	.	.
[Session=3] * [Hemisphere=0] * [Prime=0] * [Target=1]	0^b	0	.	.	.	.
[Session=3] * [Hemisphere=0] * [Prime=1] * [Target=0]	0^b	0	.	.	.	.
[Session=3] * [Hemisphere=0] * [Prime=1] * [Target=1]	0^b	0	.	.	.	.
[Session=3] * [Hemisphere=1] * [Prime=0] * [Target=0]	0^b	0	.	.	.	.
[Session=3] * [Hemisphere=1] * [Prime=0] * [Target=1]	0^b	0	.	.	.	.
[Session=3] * [Hemisphere=1] * [Prime=1] * [Target=0]	0^b	0	.	.	.	.
[Session=3] * [Hemisphere=1] * [Prime=1] * [Target=1]	0^b	0	.	.	.	.
Visual_Component	,104282	,244576	126,623	,426	,671	-,379705
[Session=1] * Visual_Component	,299766	,230047	199,414	1,303	,194	-,153870
[Session=3] * Visual_Component	0^b	0	.	.	.	.
[Hemisphere=0] * Visual_Component	,693039	,255818	193,503	2,709	,007	,188490
[Hemisphere=1] * Visual_Component	0^b	0	.	.	.	.
[Prime=0] * Visual_Component	,031041	,324031	162,611	,096	,924	-,608810
[Prime=1] * Visual_Component	0^b	0	.	.	.	.
[Target=0] * Visual_Component	,159609	,282684	151,652	,565	,573	-,398898
[Target=1] * Visual_Component	0^b	0	.	.	.	.
[Session=1] * [Prime=0] * Visual_Component	-,487480	,367906	344,625	-1,325	,186	-1,211103

Estimates of Fixed Effects^a

Parameter	95% Confidence Upper Bound
[Session=3] * [Hemisphere=0] * [Prime=0] * [Target=0]	.
[Session=3] * [Hemisphere=0] * [Prime=0] * [Target=1]	.
[Session=3] * [Hemisphere=0] * [Prime=1] * [Target=0]	.
[Session=3] * [Hemisphere=0] * [Prime=1] * [Target=1]	.
[Session=3] * [Hemisphere=1] * [Prime=0] * [Target=0]	.
[Session=3] * [Hemisphere=1] * [Prime=0] * [Target=1]	.
[Session=3] * [Hemisphere=1] * [Prime=1] * [Target=0]	.
[Session=3] * [Hemisphere=1] * [Prime=1] * [Target=1]	.
Visual_Component	,588268
[Session=1] * Visual_Component	,753402
[Session=3] * Visual_Component	.
[Hemisphere=0] * Visual_Component	1,197588
[Hemisphere=1] * Visual_Component	.
[Prime=0] * Visual_Component	,670893
[Prime=1] * Visual_Component	.
[Target=0] * Visual_Component	,718116
[Target=1] * Visual_Component	.
[Session=1] * [Prime=0] * Visual_Component	,236143

Estimates of Fixed Effects^a

Parameter	Estimate	Std. Error	df	t	Sig.	95% ... Lower Bound
[Session=1] * [Prime=1] * Visual_Component	0^b	0	.	.	.	.
[Session=3] * [Prime=0] * Visual_Component	0^b	0	.	.	.	.
[Session=3] * [Prime=1] * Visual_Component	0^b	0	.	.	.	.
[Hemisphere=0] * [Target=0] * Visual_Component	-,214235	,365007	334,420	-,587	,558	-,932234
[Hemisphere=0] * [Target=1] * Visual_Component	0^b	0	.	.	.	.
[Hemisphere=1] * [Target=0] * Visual_Component	0^b	0	.	.	.	.
[Hemisphere=1] * [Target=1] * Visual_Component	0^b	0	.	.	.	.
[Prime=0] * [Target=0] * Visual_Component	,627001	,365754	349,992	1,714	,087	-,092351
[Prime=0] * [Target=1] * Visual_Component	0^b	0	.	.	.	.
[Prime=1] * [Target=0] * Visual_Component	0^b	0	.	.	.	.
[Prime=1] * [Target=1] * Visual_Component	0^b	0	.	.	.	.

Estimates of Fixed Effects^a

Parameter	95% Confidence
	Upper Bound
[Session=1] * [Prime=1] * Visual_Component	.
[Session=3] * [Prime=0] * Visual_Component	.
[Session=3] * [Prime=1] * Visual_Component	.
[Hemisphere=0] * [Target=0] * Visual_Component	,503765
[Hemisphere=0] * [Target=1] * Visual_Component	.
[Hemisphere=1] * [Target=0] * Visual_Component	.
[Hemisphere=1] * [Target=1] * Visual_Component	.
[Prime=0] * [Target=0] * Visual_Component	1,346354
[Prime=0] * [Target=1] * Visual_Component	.
[Prime=1] * [Target=0] * Visual_Component	.
[Prime=1] * [Target=1] * Visual_Component	.

a. Dependent Variable: Numeric_Component.

b. This parameter is set to zero because it is redundant.

Covariance Parameters

Estimates of Covariance Parameters[a]

Parameter		Estimate	Std. Error
Repeated Measures	Var: [Session=1]*[Hemisphere=0]*[Prime=0]*[Target=0]	1,495667	,424468
	Var: [Session=1]*[Hemisphere=0]*[Prime=0]*[Target=1]	,832161	,238078
	Var: [Session=1]*[Hemisphere=0]*[Prime=1]*[Target=0]	,362875	,103191
	Var: [Session=1]*[Hemisphere=0]*[Prime=1]*[Target=1]	1,112565	,313648
	Var: [Session=1]*[Hemisphere=1]*[Prime=0]*[Target=0]	,923261	,259426
	Var: [Session=1]*[Hemisphere=1]*[Prime=0]*[Target=1]	1,285119	,366932
	Var: [Session=1]*[Hemisphere=1]*[Prime=1]*[Target=0]	,676478	,192026
	Var: [Session=1]*[Hemisphere=1]*[Prime=1]*[Target=1]	,516662	,144526
	Var: [Session=3]*[Hemisphere=0]*[Prime=0]*[Target=0]	1,072580	,303246
	Var: [Session=3]*[Hemisphere=0]*[Prime=0]*[Target=1]	1,058105	,296633
	Var: [Session=3]*[Hemisphere=0]*[Prime=1]*[Target=0]	,948458	,269493
	Var: [Session=3]*[Hemisphere=0]*[Prime=1]*[Target=1]	1,010002	,283989
	Var: [Session=3]*[Hemisphere=1]*[Prime=0]*[Target=0]	1,185333	,332130
	Var: [Session=3]*[Hemisphere=1]*[Prime=0]*[Target=1]	1,096100	,309879
	Var: [Session=3]*[Hemisphere=1]*[Prime=1]*[Target=0]	1,031864	,299150
	Var: [Session=3]*[Hemisphere=1]*[Prime=1]*[Target=1]	1,071247	,304621
	CSH rho	,032916	,027100

a. Dependent Variable: Numeric_Component.

```
MIXED Numeric_Component BY Session Hemisphere Prime Target WITH Visual_Comp
onent
  /CRITERIA=CIN(95) MXITER(100) MXSTEP(10) SCORING(1) SINGULAR(0.0000000000
01) HCONVERGE(0,
    ABSOLUTE) LCONVERGE(0, ABSOLUTE) PCONVERGE(0.000001, ABSOLUTE)
  /FIXED=Session Hemisphere Prime Target Session*Hemisphere Session*Prime S
ession*Target
    Hemisphere*Prime Hemisphere*Target Prime*Target Session*Hemisphere*Prim
e Session*Hemisphere*Target
    Session*Prime*Target Hemisphere*Prime*Target Session*Hemisphere*Prime*T
arget
    Visual_Component Session*Visual_Component
    Hemisphere*Visual_Component Prime*Visual_Component Target*Visual_Compon
ent
    Session*Prime*Visual_Component
    Prime*Target*Visual_Component
      | SSTYPE(3)
  /METHOD=ML
  /PRINT=SOLUTION
  /REPEATED=Session*Hemisphere*Prime*Target | SUBJECT(PP) COVTYPE(CSH).
```

Mixed Model Analysis

Model Dimension[a]

		Number of Levels	Covariance Structure	Number of Parameters
Fixed Effects	Intercept	1		1
	Session	2		1
	Hemisphere	2		1
	Prime	2		1
	Target	2		1
	Session * Hemisphere	4		1
	Session * Prime	4		1
	Session * Target	4		1
	Hemisphere * Prime	4		1
	Hemisphere * Target	4		1
	Prime * Target	4		1
	Session * Hemisphere * Prime	8		1
	Session * Hemisphere * Target	8		1
	Session * Prime * Target	8		1
	Hemisphere * Prime * Target	8		1
	Session * Hemisphere * Prime * Target	16		1
	Visual_Component	1		1
	Session * Visual_Component	2		1
	Hemisphere * Visual_Component	2		1
	Prime * Visual_Component	2		1
	Target * Visual_Component	2		1
	Session * Prime * Visual_Component	4		1
	Prime * Target * Visual_Component	4		1
Repeated Effects	Session * Hemisphere * Prime * Target	16	Heterogeneous Compound Symmetry	17
Total		114		40

Model Dimension^a

		Subject Variables	Number of Subjects
Fixed Effects	Intercept		
	Session		
	Hemisphere		
	Prime		
	Target		
	Session * Hemisphere		
	Session * Prime		
	Session * Target		
	Hemisphere * Prime		
	Hemisphere * Target		
	Prime * Target		
	Session * Hemisphere * Prime		
	Session * Hemisphere * Target		
	Session * Prime * Target		
	Hemisphere * Prime * Target		
	Session * Hemisphere * Prime * Target		
	Visual_Component		
	Session * Visual_Component		
	Hemisphere * Visual_Component		
	Prime * Visual_Component		
	Target * Visual_Component		
	Session * Prime * Visual_Component		
	Prime * Target * Visual_Component		
Repeated Effects	Session * Hemisphere * Prime * Target	PP	25
Total			

a. Dependent Variable: Numeric_Component.

Information Criteria^a

-2 Log Likelihood	1104,899
Akaike's Information Criterion (AIC)	1184,899
Hurvich and Tsai's Criterion (AICC)	1194,036
Bozdogan's Criterion (CAIC)	1384,558
Schwarz's Bayesian Criterion (BIC)	1344,558

The information criteria are displayed in smaller-is-better form.

a. Dependent Variable: Numeric_Component.

Fixed Effects

Type III Tests of Fixed Effects^a

Source	Numerator df	Denominator df	F	Sig.
Intercept	1	238,389	291,100	,000
Session	1	256,030	,230	,632
Hemisphere	1	320,234	4,110	,043
Prime	1	230,168	1,772	,184
Target	1	242,278	6,079	,014
Session * Hemisphere	1	342,718	,006	,938
Session * Prime	1	260,235	2,254	,134
Session * Target	1	198,126	,631	,428
Hemisphere * Prime	1	327,874	9,498	,002
Hemisphere * Target	1	325,624	1,056	,305
Prime * Target	1	259,189	2,905	,090
Session * Hemisphere * Prime	1	321,144	4,233	,040
Session * Hemisphere * Target	1	353,387	3,165	,076
Session * Prime * Target	1	195,193	9,986	,002
Hemisphere * Prime * Target	1	335,095	5,325	,022
Session * Hemisphere * Prime * Target	1	355,112	1,147	,285
Visual_Component	1	341,651	56,447	,000

Type III Tests of Fixed Effects[a]

Source	Numerator df	Denominator df	F	Sig.
Session * Visual_Component	1	345,778	,037	,848
Hemisphere * Visual_Component	1	322,619	11,052	,001
Prime * Visual_Component	1	340,312	,428	,513
Target * Visual_Component	1	330,016	4,333	,038
Session * Prime * Visual_Component	1	351,591	1,572	,211
Prime * Target * Visual_Component	1	347,455	3,024	,083

a. Dependent Variable: Numeric_Component.

Estimates of Fixed Effects[a]

Parameter	Estimate	Std. Error	df	t	Sig.	95% ... Lower Bound
Intercept	4,662152	,498428	98,896	9,354	,000	3,673150
[Session=1]	,334243	,523674	160,717	,638	,524	-,699927
[Session=3]	0[b]	0	.	.	.	.
[Hemisphere=0]	,521489	,495937	178,023	1,052	,294	-,457183
[Hemisphere=1]	0[b]	0	.	.	.	.
[Prime=0]	-,167853	1,122169	126,371	-,150	,881	-2,388530
[Prime=1]	0[b]	0	.	.	.	.
[Target=0]	-,145972	,612584	148,499	-,238	,812	-1,356479
[Target=1]	0[b]	0	.	.	.	.
[Session=1] * [Hemisphere=0]	,680180	,399023	102,320	1,705	,091	-,111251
[Session=1] * [Hemisphere=1]	0[b]	0	.	.	.	.
[Session=3] * [Hemisphere=0]	0[b]	0	.	.	.	.
[Session=3] * [Hemisphere=1]	0[b]	0	.	.	.	.
[Session=1] * [Prime=0]	-,665486	1,151236	228,342	-,578	,564	-2,933890
[Session=1] * [Prime=1]	0[b]	0	.	.	.	.
[Session=3] * [Prime=0]	0[b]	0	.	.	.	.
[Session=3] * [Prime=1]	0[b]	0	.	.	.	.
[Session=1] * [Target=0]	1,509957	,422184	129,202	3,577	,000	,674668

Estimates of Fixed Effects^a

Parameter	95% Confidence
	Upper Bound
Intercept	5,651154
[Session=1]	1,368413
[Session=3]	.
[Hemisphere=0]	1,500160
[Hemisphere=1]	.
[Prime=0]	2,052824
[Prime=1]	.
[Target=0]	1,064535
[Target=1]	.
[Session=1] * [Hemisphere=0]	1,471610
[Session=1] * [Hemisphere=1]	.
[Session=3] * [Hemisphere=0]	.
[Session=3] * [Hemisphere=1]	.
[Session=1] * [Prime=0]	1,602918
[Session=1] * [Prime=1]	.
[Session=3] * [Prime=0]	.
[Session=3] * [Prime=1]	.
[Session=1] * [Target=0]	2,345245

Estimates of Fixed Effects[a]

Parameter	Estimate	Std. Error	df	t	Sig.	95% ... Lower Bound
[Session=1] * [Target=1]	0[b]	0	.	.	.	.
[Session=3] * [Target=0]	0[b]	0	.	.	.	.
[Session=3] * [Target=1]	0[b]	0	.	.	.	.
[Hemisphere=0] * [Prime=0]	,788665	,513998	177,958	1,534	,127	-,225651
[Hemisphere=0] * [Prime=1]	0[b]	0	.	.	.	.
[Hemisphere=1] * [Prime=0]	0[b]	0	.	.	.	.
[Hemisphere=1] * [Prime=1]	0[b]	0	.	.	.	.
[Hemisphere=0] * [Target=0]	-,076267	,427846	120,647	-,178	,859	-,923326
[Hemisphere=0] * [Target=1]	0[b]	0	.	.	.	.
[Hemisphere=1] * [Target=0]	0[b]	0	.	.	.	.
[Hemisphere=1] * [Target=1]	0[b]	0	.	.	.	.
[Prime=0] * [Target=0]	2,723401	1,515031	224,612	1,798	,074	-,262091
[Prime=0] * [Target=1]	0[b]	0	.	.	.	.
[Prime=1] * [Target=0]	0[b]	0	.	.	.	.
[Prime=1] * [Target=1]	0[b]	0	.	.	.	.
[Session=1] * [Hemisphere=0] * [Prime=0]	-,611752	,647533	217,758	-,945	,346	-1,887987
[Session=1] * [Hemisphere=0] * [Prime=1]	0[b]	0	.	.	.	.
[Session=1] * [Hemisphere=1] * [Prime=0]	0[b]	0	.	.	.	.
[Session=1] * [Hemisphere=1] * [Prime=1]	0[b]	0	.	.	.	.
[Session=3] * [Hemisphere=0] * [Prime=0]	0[b]	0	.	.	.	.
[Session=3] * [Hemisphere=0] * [Prime=1]	0[b]	0	.	.	.	.

Estimates of Fixed Effects[a]

Parameter	95% Confidence Upper Bound
[Session=1] * [Target=1]	.
[Session=3] * [Target=0]	.
[Session=3] * [Target=1]	.
[Hemisphere=0] * [Prime=0]	1,802980
[Hemisphere=0] * [Prime=1]	.
[Hemisphere=1] * [Prime=0]	.
[Hemisphere=1] * [Prime=1]	.
[Hemisphere=0] * [Target=0]	,770792
[Hemisphere=0] * [Target=1]	.
[Hemisphere=1] * [Target=0]	.
[Hemisphere=1] * [Target=1]	.
[Prime=0] * [Target=0]	5,708892
[Prime=0] * [Target=1]	.
[Prime=1] * [Target=0]	.
[Prime=1] * [Target=1]	.
[Session=1] * [Hemisphere=0] * [Prime=0]	,664483
[Session=1] * [Hemisphere=0] * [Prime=1]	.
[Session=1] * [Hemisphere=1] * [Prime=0]	.
[Session=1] * [Hemisphere=1] * [Prime=1]	.
[Session=3] * [Hemisphere=0] * [Prime=0]	.
[Session=3] * [Hemisphere=0] * [Prime=1]	.

Estimates of Fixed Effects^a

Parameter	Estimate	Std. Error	df	t	Sig.	95% ... Lower Bound
[Session=3] * [Hemisphere=1] * [Prime=0]	0^b	0	.	.	.	.
[Session=3] * [Hemisphere=1] * [Prime=1]	0^b	0	.	.	.	.
[Session=1] * [Hemisphere=0] * [Target=0]	-,281267	,520094	180,831	-,541	,589	-1,307500
[Session=1] * [Hemisphere=0] * [Target=1]	0^b	0	.	.	.	.
[Session=1] * [Hemisphere=1] * [Target=0]	0^b	0	.	.	.	.
[Session=1] * [Hemisphere=1] * [Target=1]	0^b	0	.	.	.	.
[Session=3] * [Hemisphere=0] * [Target=0]	0^b	0	.	.	.	.
[Session=3] * [Hemisphere=0] * [Target=1]	0^b	0	.	.	.	.
[Session=3] * [Hemisphere=1] * [Target=0]	0^b	0	.	.	.	.
[Session=3] * [Hemisphere=1] * [Target=1]	0^b	0	.	.	.	.
[Session=1] * [Prime=0] * [Target=0]	-1,751644	,822685	193,384	-2,129	,035	-3,374231
[Session=1] * [Prime=0] * [Target=1]	0^b	0	.	.	.	.
[Session=1] * [Prime=1] * [Target=0]	0^b	0	.	.	.	.
[Session=1] * [Prime=1] * [Target=1]	0^b	0	.	.	.	.
[Session=3] * [Prime=0] * [Target=0]	0^b	0	.	.	.	.
[Session=3] * [Prime=0] * [Target=1]	0^b	0	.	.	.	.
[Session=3] * [Prime=1] * [Target=0]	0^b	0	.	.	.	.

Estimates of Fixed Effects^a

Parameter	95% Confidence
	Upper Bound
[Session=3] * [Hemisphere=1] * [Prime=0]	.
[Session=3] * [Hemisphere=1] * [Prime=1]	.
[Session=1] * [Hemisphere=0] * [Target=0]	,744966
[Session=1] * [Hemisphere=0] * [Target=1]	.
[Session=1] * [Hemisphere=1] * [Target=0]	.
[Session=1] * [Hemisphere=1] * [Target=1]	.
[Session=3] * [Hemisphere=0] * [Target=0]	.
[Session=3] * [Hemisphere=0] * [Target=1]	.
[Session=3] * [Hemisphere=1] * [Target=0]	.
[Session=3] * [Hemisphere=1] * [Target=1]	.
[Session=1] * [Prime=0] * [Target=0]	-,129057
[Session=1] * [Prime=0] * [Target=1]	.
[Session=1] * [Prime=1] * [Target=0]	.
[Session=1] * [Prime=1] * [Target=1]	.
[Session=3] * [Prime=0] * [Target=0]	.
[Session=3] * [Prime=0] * [Target=1]	.
[Session=3] * [Prime=1] * [Target=0]	.

Estimates of Fixed Effects[a]

Parameter	Estimate	Std. Error	df	t	Sig.	95% ... Lower Bound
[Session=3] * [Prime=1] * [Target=1]	0[b]	0	.	.	.	.
[Hemisphere=0] * [Prime=0] * [Target=0]	1,461656	,615759	213,516	2,374	,018	,247911
[Hemisphere=0] * [Prime=0] * [Target=1]	0[b]	0	.	.	.	.
[Hemisphere=0] * [Prime=1] * [Target=0]	0[b]	0	.	.	.	.
[Hemisphere=0] * [Prime=1] * [Target=1]	0[b]	0	.	.	.	.
[Hemisphere=1] * [Prime=0] * [Target=0]	0[b]	0	.	.	.	.
[Hemisphere=1] * [Prime=0] * [Target=1]	0[b]	0	.	.	.	.
[Hemisphere=1] * [Prime=1] * [Target=0]	0[b]	0	.	.	.	.
[Hemisphere=1] * [Prime=1] * [Target=1]	0[b]	0	.	.	.	.
[Session=1] * [Hemisphere=0] * [Prime=0] * [Target=0]	-,863750	,806558	355,112	-1,071	,285	-2,449981
[Session=1] * [Hemisphere=0] * [Prime=0] * [Target=1]	0[b]	0	.	.	.	.
[Session=1] * [Hemisphere=0] * [Prime=1] * [Target=0]	0[b]	0	.	.	.	.
[Session=1] * [Hemisphere=0] * [Prime=1] * [Target=1]	0[b]	0	.	.	.	.
[Session=1] * [Hemisphere=1] * [Prime=0] * [Target=0]	0[b]	0	.	.	.	.
[Session=1] * [Hemisphere=1] * [Prime=0] * [Target=1]	0[b]	0	.	.	.	.
[Session=1] * [Hemisphere=1] * [Prime=1] * [Target=0]	0[b]	0	.	.	.	.
[Session=1] * [Hemisphere=1] * [Prime=1] * [Target=1]	0[b]	0	.	.	.	.

Estimates of Fixed Effects^a

Parameter	95% Confidence
	Upper Bound
[Session=3] * [Prime=1] * [Target=1]	.
[Hemisphere=0] * [Prime=0] * [Target=0]	2,675401
[Hemisphere=0] * [Prime=0] * [Target=1]	.
[Hemisphere=0] * [Prime=1] * [Target=0]	.
[Hemisphere=0] * [Prime=1] * [Target=1]	.
[Hemisphere=1] * [Prime=0] * [Target=0]	.
[Hemisphere=1] * [Prime=0] * [Target=1]	.
[Hemisphere=1] * [Prime=1] * [Target=0]	.
[Hemisphere=1] * [Prime=1] * [Target=1]	.
[Session=1] * [Hemisphere=0] * [Prime=0] * [Target=0]	,722481
[Session=1] * [Hemisphere=0] * [Prime=0] * [Target=1]	.
[Session=1] * [Hemisphere=0] * [Prime=1] * [Target=0]	.
[Session=1] * [Hemisphere=0] * [Prime=1] * [Target=1]	.
[Session=1] * [Hemisphere=1] * [Prime=0] * [Target=0]	.
[Session=1] * [Hemisphere=1] * [Prime=0] * [Target=1]	.
[Session=1] * [Hemisphere=1] * [Prime=1] * [Target=0]	.
[Session=1] * [Hemisphere=1] * [Prime=1] * [Target=1]	.

Estimates of Fixed Effects[a]

Parameter	Estimate	Std. Error	df	t	Sig.	95% ... Lower Bound
[Session=3] * [Hemisphere=0] * [Prime=0] * [Target=0]	0[b]	0	.	.	.	.
[Session=3] * [Hemisphere=0] * [Prime=0] * [Target=1]	0[b]	0	.	.	.	.
[Session=3] * [Hemisphere=0] * [Prime=1] * [Target=0]	0[b]	0	.	.	.	.
[Session=3] * [Hemisphere=0] * [Prime=1] * [Target=1]	0[b]	0	.	.	.	.
[Session=3] * [Hemisphere=1] * [Prime=0] * [Target=0]	0[b]	0	.	.	.	.
[Session=3] * [Hemisphere=1] * [Prime=0] * [Target=1]	0[b]	0	.	.	.	.
[Session=3] * [Hemisphere=1] * [Prime=1] * [Target=0]	0[b]	0	.	.	.	.
[Session=3] * [Hemisphere=1] * [Prime=1] * [Target=1]	0[b]	0	.	.	.	.
Visual_Component	,169838	,218748	123,802	,776	,439	-,263133
[Session=1] * Visual_Component	,263152	,222098	174,739	1,185	,238	-,175189
[Session=3] * Visual_Component	0[b]	0	.	.	.	.
[Hemisphere=0] * Visual_Component	,583511	,175519	322,619	3,324	,001	,238205
[Hemisphere=1] * Visual_Component	0[b]	0	.	.	.	.
[Prime=0] * Visual_Component	,028750	,324467	162,656	,089	,930	-,611961
[Prime=1] * Visual_Component	0[b]	0	.	.	.	.
[Target=0] * Visual_Component	,054930	,219242	177,197	,251	,802	-,377731
[Target=1] * Visual_Component	0[b]	0	.	.	.	.
[Session=1] * [Prime=0] * Visual_Component	-,456693	,364295	351,591	-1,254	,211	-1,173164

Estimates of Fixed Effects^a

Parameter	95% Confidence Upper Bound
[Session=3] * [Hemisphere=0] * [Prime=0] * [Target=0]	.
[Session=3] * [Hemisphere=0] * [Prime=0] * [Target=1]	.
[Session=3] * [Hemisphere=0] * [Prime=1] * [Target=0]	.
[Session=3] * [Hemisphere=0] * [Prime=1] * [Target=1]	.
[Session=3] * [Hemisphere=1] * [Prime=0] * [Target=0]	.
[Session=3] * [Hemisphere=1] * [Prime=0] * [Target=1]	.
[Session=3] * [Hemisphere=1] * [Prime=1] * [Target=0]	.
[Session=3] * [Hemisphere=1] * [Prime=1] * [Target=1]	.
Visual_Component	,602809
[Session=1] * Visual_Component	,701492
[Session=3] * Visual_Component	.
[Hemisphere=0] * Visual_Component	,928818
[Hemisphere=1] * Visual_Component	.
[Prime=0] * Visual_Component	,669460
[Prime=1] * Visual_Component	.
[Target=0] * Visual_Component	,487590
[Target=1] * Visual_Component	.
[Session=1] * [Prime=0] * Visual_Component	,259778

Estimates of Fixed Effects^a

Parameter	Estimate	Std. Error	df	t	Sig.	95% ...
						Lower Bound
[Session=1] * [Prime=1] * Visual_Component	0^b	0	.	.	.	.
[Session=3] * [Prime=0] * Visual_Component	0^b	0	.	.	.	.
[Session=3] * [Prime=1] * Visual_Component	0^b	0	.	.	.	.
[Prime=0] * [Target=0] * Visual_Component	,635657	,365562	347,455	1,739	,083	-,083337
[Prime=0] * [Target=1] * Visual_Component	0^b	0	.	.	.	.
[Prime=1] * [Target=0] * Visual_Component	0^b	0	.	.	.	.
[Prime=1] * [Target=1] * Visual_Component	0^b	0	.	.	.	.

Estimates of Fixed Effects^a

Parameter	95% Confidence
	Upper Bound
[Session=1] * [Prime=1] * Visual_Component	.
[Session=3] * [Prime=0] * Visual_Component	.
[Session=3] * [Prime=1] * Visual_Component	.
[Prime=0] * [Target=0] * Visual_Component	1,354651
[Prime=0] * [Target=1] * Visual_Component	.
[Prime=1] * [Target=0] * Visual_Component	.
[Prime=1] * [Target=1] * Visual_Component	.

a. Dependent Variable: Numeric_Component.

b. This parameter is set to zero because it is redundant.

Covariance Parameters

Estimates of Covariance Parameters[a]

Parameter		Estimate	Std. Error
Repeated Measures	Var: [Session=1]*[Hemisphere=0]*[Prime=0]*[Target=0]	1,493237	,423695
	Var: [Session=1]*[Hemisphere=0]*[Prime=0]*[Target=1]	,827140	,235851
	Var: [Session=1]*[Hemisphere=0]*[Prime=1]*[Target=0]	,361407	,102508
	Var: [Session=1]*[Hemisphere=0]*[Prime=1]*[Target=1]	1,110968	,313150
	Var: [Session=1]*[Hemisphere=1]*[Prime=0]*[Target=0]	,924065	,259814
	Var: [Session=1]*[Hemisphere=1]*[Prime=0]*[Target=1]	1,278539	,364005
	Var: [Session=1]*[Hemisphere=1]*[Prime=1]*[Target=0]	,671477	,189881
	Var: [Session=1]*[Hemisphere=1]*[Prime=1]*[Target=1]	,516966	,144648
	Var: [Session=3]*[Hemisphere=0]*[Prime=0]*[Target=0]	1,074407	,304053
	Var: [Session=3]*[Hemisphere=0]*[Prime=0]*[Target=1]	1,060760	,297703
	Var: [Session=3]*[Hemisphere=0]*[Prime=1]*[Target=0]	,954457	,271679
	Var: [Session=3]*[Hemisphere=0]*[Prime=1]*[Target=1]	1,016928	,286734
	Var: [Session=3]*[Hemisphere=1]*[Prime=0]*[Target=0]	1,187337	,332874
	Var: [Session=3]*[Hemisphere=1]*[Prime=0]*[Target=1]	1,095245	,309671
	Var: [Session=3]*[Hemisphere=1]*[Prime=1]*[Target=0]	1,036628	,301346
	Var: [Session=3]*[Hemisphere=1]*[Prime=1]*[Target=1]	1,080909	,307811
	CSH rho	,031812	,026761

a. Dependent Variable: Numeric_Component.

```
MIXED Numeric_Component BY Session Hemisphere Prime Target WITH Visual_Comp
onent
  /CRITERIA=CIN(95) MXITER(100) MXSTEP(10) SCORING(1) SINGULAR(0.0000000000
01) HCONVERGE(0,
    ABSOLUTE) LCONVERGE(0, ABSOLUTE) PCONVERGE(0.000001, ABSOLUTE)
  /FIXED=Session Hemisphere Prime Target Session*Hemisphere Session*Prime S
ession*Target
    Hemisphere*Prime Hemisphere*Target Prime*Target Session*Hemisphere*Prim
e Session*Hemisphere*Target
    Session*Prime*Target Hemisphere*Prime*Target Session*Hemisphere*Prime*T
arget
    Visual_Component Session*Visual_Component
    Hemisphere*Visual_Component Prime*Visual_Component Target*Visual_Compon
ent
    Prime*Target*Visual_Component
      | SSTYPE(3)
  /METHOD=ML
  /PRINT=SOLUTION
  /REPEATED=Session*Hemisphere*Prime*Target | SUBJECT(PP) COVTYPE(CSH).
```

Mixed Model Analysis

Model Dimension[a]

		Number of Levels	Covariance Structure	Number of Parameters
Fixed Effects	Intercept	1		1
	Session	2		1
	Hemisphere	2		1
	Prime	2		1
	Target	2		1
	Session * Hemisphere	4		1
	Session * Prime	4		1
	Session * Target	4		1
	Hemisphere * Prime	4		1
	Hemisphere * Target	4		1
	Prime * Target	4		1
	Session * Hemisphere * Prime	8		1
	Session * Hemisphere * Target	8		1
	Session * Prime * Target	8		1
	Hemisphere * Prime * Target	8		1
	Session * Hemisphere * Prime * Target	16		1
	Visual_Component	1		1
	Session * Visual_Component	2		1
	Hemisphere * Visual_Component	2		1
	Prime * Visual_Component	2		1
	Target * Visual_Component	2		1
	Prime * Target * Visual_Component	4		1
Repeated Effects	Session * Hemisphere * Prime * Target	16	Heterogeneous Compound Symmetry	17
Total		110		39

Model Dimension[a]

		Subject Variables	Number of Subjects
Fixed Effects	Intercept		
	Session		
	Hemisphere		
	Prime		
	Target		
	Session * Hemisphere		
	Session * Prime		
	Session * Target		
	Hemisphere * Prime		
	Hemisphere * Target		
	Prime * Target		
	Session * Hemisphere * Prime		
	Session * Hemisphere * Target		
	Session * Prime * Target		
	Hemisphere * Prime * Target		
	Session * Hemisphere * Prime * Target		
	Visual_Component		
	Session * Visual_Component		
	Hemisphere * Visual_Component		
	Prime * Visual_Component		
	Target * Visual_Component		
	Prime * Target * Visual_Component		
Repeated Effects	Session * Hemisphere * Prime * Target	PP	25
Total			

a. Dependent Variable: Numeric_Component.

Information Criteria^a

-2 Log Likelihood	1106,450
Akaike's Information Criterion (AIC)	1184,450
Hurvich and Tsai's Criterion (AICC)	1193,117
Bozdogan's Criterion (CAIC)	1379,118
Schwarz's Bayesian Criterion (BIC)	1340,118

The information criteria are displayed in smaller-is-better form.

a. Dependent Variable: Numeric_Component.

Fixed Effects

Type III Tests of Fixed Effects^a

Source	Numerator df	Denominator df	F	Sig.
Intercept	1	253,750	288,234	,000
Session	1	322,471	1,232	,268
Hemisphere	1	318,937	4,429	,036
Prime	1	243,019	1,270	,261
Target	1	242,871	5,857	,016
Session * Hemisphere	1	344,781	,032	,858
Session * Prime	1	271,521	1,220	,270
Session * Target	1	279,761	1,445	,230
Hemisphere * Prime	1	327,159	9,729	,002
Hemisphere * Target	1	324,760	,974	,324
Prime * Target	1	258,979	2,761	,098
Session * Hemisphere * Prime	1	347,220	3,115	,078
Session * Hemisphere * Target	1	354,957	3,399	,066
Session * Prime * Target	1	300,321	9,271	,003
Hemisphere * Prime * Target	1	341,028	4,475	,035
Session * Hemisphere * Prime * Target	1	354,233	1,379	,241
Visual_Component	1	336,525	57,407	,000

Type III Tests of Fixed Effects[a]

Source	Numerator df	Denominator df	F	Sig.
Session * Visual_Component	1	330,629	,270	,604
Hemisphere * Visual_Component	1	320,822	11,474	,001
Prime * Visual_Component	1	332,140	,272	,602
Target * Visual_Component	1	329,584	4,199	,041
Prime * Target * Visual_Component	1	347,343	2,960	,086

a. Dependent Variable: Numeric_Component.

Estimates of Fixed Effects[a]

Parameter	Estimate	Std. Error	df	t	Sig.	95% ... Lower Bound
Intercept	4,869615	,472482	108,179	10,306	,000	3,933092
[Session=1]	-,022549	,441834	196,636	-,051	,959	-,893890
[Session=3]	0[b]	0	.	.	.	.
[Hemisphere=0]	,580959	,493907	185,064	1,176	,241	-,393453
[Hemisphere=1]	0[b]	0	.	.	.	.
[Prime=0]	-,957756	,931413	152,088	-1,028	,305	-2,797934
[Prime=1]	0[b]	0	.	.	.	.
[Target=0]	-,087185	,610430	155,574	-,143	,887	-1,292985
[Target=1]	0[b]	0	.	.	.	.
[Session=1] * [Hemisphere=0]	,602107	,394660	99,932	1,526	,130	-,180894
[Session=1] * [Hemisphere=1]	0[b]	0	.	.	.	.
[Session=3] * [Hemisphere=0]	0[b]	0	.	.	.	.
[Session=3] * [Hemisphere=1]	0[b]	0	.	.	.	.
[Session=1] * [Prime=0]	,606800	,542884	140,531	1,118	,266	-,466476
[Session=1] * [Prime=1]	0[b]	0	.	.	.	.
[Session=3] * [Prime=0]	0[b]	0	.	.	.	.
[Session=3] * [Prime=1]	0[b]	0	.	.	.	.
[Session=1] * [Target=0]	1,355263	,403988	125,835	3,355	,001	,555774
[Session=1] * [Target=1]	0[b]	0	.	.	.	.

Estimates of Fixed Effects[a]

Parameter	95% Confidence
	Upper Bound
Intercept	5,806138
[Session=1]	,848793
[Session=3]	.
[Hemisphere=0]	1,555372
[Hemisphere=1]	.
[Prime=0]	,882422
[Prime=1]	.
[Target=0]	1,118615
[Target=1]	.
[Session=1] * [Hemisphere=0]	1,385108
[Session=1] * [Hemisphere=1]	.
[Session=3] * [Hemisphere=0]	.
[Session=3] * [Hemisphere=1]	.
[Session=1] * [Prime=0]	1,680076
[Session=1] * [Prime=1]	.
[Session=3] * [Prime=0]	.
[Session=3] * [Prime=1]	.
[Session=1] * [Target=0]	2,154753
[Session=1] * [Target=1]	.

Estimates of Fixed Effects[a]

Parameter	Estimate	Std. Error	df	t	Sig.	95% ... Lower Bound
[Session=3] * [Target=0]	0[b]	0	.	.	.	.
[Session=3] * [Target=1]	0[b]	0	.	.	.	.
[Hemisphere=0] * [Prime=0]	,737323	,513497	178,036	1,436	,153	-,276001
[Hemisphere=0] * [Prime=1]	0[b]	0	.	.	.	.
[Hemisphere=1] * [Prime=0]	0[b]	0	.	.	.	.
[Hemisphere=1] * [Prime=1]	0[b]	0	.	.	.	.
[Hemisphere=0] * [Target=0]	-,045269	,427678	120,303	-,106	,916	-,892019
[Hemisphere=0] * [Target=1]	0[b]	0	.	.	.	.
[Hemisphere=1] * [Target=0]	0[b]	0	.	.	.	.
[Hemisphere=1] * [Target=1]	0[b]	0	.	.	.	.
[Prime=0] * [Target=0]	2,422739	1,498829	241,477	1,616	,107	-,529708
[Prime=0] * [Target=1]	0[b]	0	.	.	.	.
[Prime=1] * [Target=0]	0[b]	0	.	.	.	.
[Prime=1] * [Target=1]	0[b]	0	.	.	.	.
[Session=1] * [Hemisphere=0] * [Prime=0]	-,382993	,622198	207,372	-,616	,539	-1,609638
[Session=1] * [Hemisphere=0] * [Prime=1]	0[b]	0	.	.	.	.
[Session=1] * [Hemisphere=1] * [Prime=0]	0[b]	0	.	.	.	.
[Session=1] * [Hemisphere=1] * [Prime=1]	0[b]	0	.	.	.	.
[Session=3] * [Hemisphere=0] * [Prime=0]	0[b]	0	.	.	.	.
[Session=3] * [Hemisphere=0] * [Prime=1]	0[b]	0	.	.	.	.

Estimates of Fixed Effects[a]

Parameter	95% Confidence Upper Bound
[Session=3] * [Target=0]	.
[Session=3] * [Target=1]	.
[Hemisphere=0] * [Prime=0]	1,750647
[Hemisphere=0] * [Prime=1]	.
[Hemisphere=1] * [Prime=0]	.
[Hemisphere=1] * [Prime=1]	.
[Hemisphere=0] * [Target=0]	,801481
[Hemisphere=0] * [Target=1]	.
[Hemisphere=1] * [Target=0]	.
[Hemisphere=1] * [Target=1]	.
[Prime=0] * [Target=0]	5,375187
[Prime=0] * [Target=1]	.
[Prime=1] * [Target=0]	.
[Prime=1] * [Target=1]	.
[Session=1] * [Hemisphere=0] * [Prime=0]	,843652
[Session=1] * [Hemisphere=0] * [Prime=1]	.
[Session=1] * [Hemisphere=1] * [Prime=0]	.
[Session=1] * [Hemisphere=1] * [Prime=1]	.
[Session=3] * [Hemisphere=0] * [Prime=0]	.
[Session=3] * [Hemisphere=0] * [Prime=1]	.

Estimates of Fixed Effects^a

Parameter	Estimate	Std. Error	df	t	Sig.	95% ... Lower Bound
[Session=3] * [Hemisphere=1] * [Prime=0]	0^b	0	.	.	.	.
[Session=3] * [Hemisphere=1] * [Prime=1]	0^b	0	.	.	.	.
[Session=1] * [Hemisphere=0] * [Target=0]	-,266365	,520367	179,701	-,512	,609	-1,293181
[Session=1] * [Hemisphere=0] * [Target=1]	0^b	0	.	.	.	.
[Session=1] * [Hemisphere=1] * [Target=0]	0^b	0	.	.	.	.
[Session=1] * [Hemisphere=1] * [Target=1]	0^b	0	.	.	.	.
[Session=3] * [Hemisphere=0] * [Target=0]	0^b	0	.	.	.	.
[Session=3] * [Hemisphere=0] * [Target=1]	0^b	0	.	.	.	.
[Session=3] * [Hemisphere=1] * [Target=0]	0^b	0	.	.	.	.
[Session=3] * [Hemisphere=1] * [Target=1]	0^b	0	.	.	.	.
[Session=1] * [Prime=0] * [Target=0]	-1,165102	,677580	226,829	-1,720	,087	-2,500258
[Session=1] * [Prime=0] * [Target=1]	0^b	0	.	.	.	.
[Session=1] * [Prime=1] * [Target=0]	0^b	0	.	.	.	.
[Session=1] * [Prime=1] * [Target=1]	0^b	0	.	.	.	.
[Session=3] * [Prime=0] * [Target=0]	0^b	0	.	.	.	.
[Session=3] * [Prime=0] * [Target=1]	0^b	0	.	.	.	.
[Session=3] * [Prime=1] * [Target=0]	0^b	0	.	.	.	.

Estimates of Fixed Effects^a

Parameter	95% Confidence Upper Bound
[Session=3] * [Hemisphere=1] * [Prime=0]	.
[Session=3] * [Hemisphere=1] * [Prime=1]	.
[Session=1] * [Hemisphere=0] * [Target=0]	,760451
[Session=1] * [Hemisphere=0] * [Target=1]	.
[Session=1] * [Hemisphere=1] * [Target=0]	.
[Session=1] * [Hemisphere=1] * [Target=1]	.
[Session=3] * [Hemisphere=0] * [Target=0]	.
[Session=3] * [Hemisphere=0] * [Target=1]	.
[Session=3] * [Hemisphere=1] * [Target=0]	.
[Session=3] * [Hemisphere=1] * [Target=1]	.
[Session=1] * [Prime=0] * [Target=0]	,170054
[Session=1] * [Prime=0] * [Target=1]	.
[Session=1] * [Prime=1] * [Target=0]	.
[Session=1] * [Prime=1] * [Target=1]	.
[Session=3] * [Prime=0] * [Target=0]	.
[Session=3] * [Prime=0] * [Target=1]	.
[Session=3] * [Prime=1] * [Target=0]	.

Estimates of Fixed Effects[a]

Parameter	Estimate	Std. Error	df	t	Sig.	95% ... Lower Bound
[Session=3] * [Prime=1] * [Target=1]	0[b]	0	.	.	.	.
[Hemisphere=0] * [Prime=0] * [Target=0]	1,402581	,614850	214,485	2,281	,024	,190659
[Hemisphere=0] * [Prime=0] * [Target=1]	0[b]	0	.	.	.	.
[Hemisphere=0] * [Prime=1] * [Target=0]	0[b]	0	.	.	.	.
[Hemisphere=0] * [Prime=1] * [Target=1]	0[b]	0	.	.	.	.
[Hemisphere=1] * [Prime=0] * [Target=0]	0[b]	0	.	.	.	.
[Hemisphere=1] * [Prime=0] * [Target=1]	0[b]	0	.	.	.	.
[Hemisphere=1] * [Prime=1] * [Target=0]	0[b]	0	.	.	.	.
[Hemisphere=1] * [Prime=1] * [Target=1]	0[b]	0	.	.	.	.
[Session=1] * [Hemisphere=0] * [Prime=0] * [Target=0]	-,945872	,805349	354,233	-1,174	,241	-2,529739
[Session=1] * [Hemisphere=0] * [Prime=0] * [Target=1]	0[b]	0	.	.	.	.
[Session=1] * [Hemisphere=0] * [Prime=1] * [Target=0]	0[b]	0	.	.	.	.
[Session=1] * [Hemisphere=0] * [Prime=1] * [Target=1]	0[b]	0	.	.	.	.
[Session=1] * [Hemisphere=1] * [Prime=0] * [Target=0]	0[b]	0	.	.	.	.
[Session=1] * [Hemisphere=1] * [Prime=0] * [Target=1]	0[b]	0	.	.	.	.
[Session=1] * [Hemisphere=1] * [Prime=1] * [Target=0]	0[b]	0	.	.	.	.
[Session=1] * [Hemisphere=1] * [Prime=1] * [Target=1]	0[b]	0	.	.	.	.

Estimates of Fixed Effects[a]

Parameter	95% Confidence
	Upper Bound
[Session=3] * [Prime=1] * [Target=1]	.
[Hemisphere=0] * [Prime=0] * [Target=0]	2,614502
[Hemisphere=0] * [Prime=0] * [Target=1]	.
[Hemisphere=0] * [Prime=1] * [Target=0]	.
[Hemisphere=0] * [Prime=1] * [Target=1]	.
[Hemisphere=1] * [Prime=0] * [Target=0]	.
[Hemisphere=1] * [Prime=0] * [Target=1]	.
[Hemisphere=1] * [Prime=1] * [Target=0]	.
[Hemisphere=1] * [Prime=1] * [Target=1]	.
[Session=1] * [Hemisphere=0] * [Prime=0] * [Target=0]	,637994
[Session=1] * [Hemisphere=0] * [Prime=0] * [Target=1]	.
[Session=1] * [Hemisphere=0] * [Prime=1] * [Target=0]	.
[Session=1] * [Hemisphere=0] * [Prime=1] * [Target=1]	.
[Session=1] * [Hemisphere=1] * [Prime=0] * [Target=0]	.
[Session=1] * [Hemisphere=1] * [Prime=0] * [Target=1]	.
[Session=1] * [Hemisphere=1] * [Prime=1] * [Target=0]	.
[Session=1] * [Hemisphere=1] * [Prime=1] * [Target=1]	.

Estimates of Fixed Effects[a]

Parameter	Estimate	Std. Error	df	t	Sig.	95% ... Lower Bound
[Session=3] * [Hemisphere=0] * [Prime=0] * [Target=0]	0[b]	0	.	.	.	.
[Session=3] * [Hemisphere=0] * [Prime=0] * [Target=1]	0[b]	0	.	.	.	.
[Session=3] * [Hemisphere=0] * [Prime=1] * [Target=0]	0[b]	0	.	.	.	.
[Session=3] * [Hemisphere=0] * [Prime=1] * [Target=1]	0[b]	0	.	.	.	.
[Session=3] * [Hemisphere=1] * [Prime=0] * [Target=0]	0[b]	0	.	.	.	.
[Session=3] * [Hemisphere=1] * [Prime=0] * [Target=1]	0[b]	0	.	.	.	.
[Session=3] * [Hemisphere=1] * [Prime=1] * [Target=0]	0[b]	0	.	.	.	.
[Session=3] * [Hemisphere=1] * [Prime=1] * [Target=1]	0[b]	0	.	.	.	.
Visual_Component	,270023	,204472	144,965	1,321	,189	-,134108
[Session=1] * Visual_Component	,091146	,175461	330,629	,519	,604	-,254014
[Session=3] * Visual_Component	0[b]	0	.	.	.	.
[Hemisphere=0] * Visual_Component	,594105	,175392	320,822	3,387	,001	,249041
[Hemisphere=1] * Visual_Component	0[b]	0	.	.	.	.
[Prime=0] * Visual_Component	-,220779	,257443	183,654	-,858	,392	-,728705
[Prime=1] * Visual_Component	0[b]	0	.	.	.	.
[Target=0] * Visual_Component	,052920	,219210	176,211	,241	,810	-,379696
[Target=1] * Visual_Component	0[b]	0	.	.	.	.
[Prime=0] * [Target=0] * Visual_Component	,629506	,365891	347,343	1,720	,086	-,090133

Estimates of Fixed Effects[a]

Parameter	95% Confidence Upper Bound
[Session=3] * [Hemisphere=0] * [Prime=0] * [Target=0]	.
[Session=3] * [Hemisphere=0] * [Prime=0] * [Target=1]	.
[Session=3] * [Hemisphere=0] * [Prime=1] * [Target=0]	.
[Session=3] * [Hemisphere=0] * [Prime=1] * [Target=1]	.
[Session=3] * [Hemisphere=1] * [Prime=0] * [Target=0]	.
[Session=3] * [Hemisphere=1] * [Prime=0] * [Target=1]	.
[Session=3] * [Hemisphere=1] * [Prime=1] * [Target=0]	.
[Session=3] * [Hemisphere=1] * [Prime=1] * [Target=1]	.
Visual_Component	,674154
[Session=1] * Visual_Component	,436307
[Session=3] * Visual_Component	.
[Hemisphere=0] * Visual_Component	,939169
[Hemisphere=1] * Visual_Component	.
[Prime=0] * Visual_Component	,287146
[Prime=1] * Visual_Component	.
[Target=0] * Visual_Component	,485535
[Target=1] * Visual_Component	.
[Prime=0] * [Target=0] * Visual_Component	1,349146

Estimates of Fixed Effects[a]

Parameter	Estimate	Std. Error	df	t	Sig.	95% ... Lower Bound
[Prime=0] * [Target=1] * Visual_Component	0[b]	0	.	.	.	.
[Prime=1] * [Target=0] * Visual_Component	0[b]	0	.	.	.	.
[Prime=1] * [Target=1] * Visual_Component	0[b]	0	.	.	.	.

Estimates of Fixed Effects[a]

Parameter	95% Confidence Upper Bound
[Prime=0] * [Target=1] * Visual_Component	.
[Prime=1] * [Target=0] * Visual_Component	.
[Prime=1] * [Target=1] * Visual_Component	.

a. Dependent Variable: Numeric_Component.

b. This parameter is set to zero because it is redundant.

Covariance Parameters

Estimates of Covariance Parameters[a]

Parameter		Estimate	Std. Error
Repeated Measures	Var: [Session=1]* [Hemisphere=0]*[Prime=0]* [Target=0]	1,500339	,426540
	Var: [Session=1]* [Hemisphere=0]*[Prime=0]* [Target=1]	,840811	,241043
	Var: [Session=1]* [Hemisphere=0]*[Prime=1]* [Target=0]	,364609	,103932
	Var: [Session=1]* [Hemisphere=0]*[Prime=1]* [Target=1]	1,113300	,314039
	Var: [Session=1]* [Hemisphere=1]*[Prime=0]* [Target=0]	,925648	,260362
	Var: [Session=1]* [Hemisphere=1]*[Prime=0]* [Target=1]	1,276177	,362843
	Var: [Session=1]* [Hemisphere=1]*[Prime=1]* [Target=0]	,667957	,188549
	Var: [Session=1]* [Hemisphere=1]*[Prime=1]* [Target=1]	,519169	,145529
	Var: [Session=3]* [Hemisphere=0]*[Prime=0]* [Target=0]	1,073491	,303506
	Var: [Session=3]* [Hemisphere=0]*[Prime=0]* [Target=1]	1,076091	,303454
	Var: [Session=3]* [Hemisphere=0]*[Prime=1]* [Target=0]	,970819	,277388
	Var: [Session=3]* [Hemisphere=0]*[Prime=1]* [Target=1]	1,005477	,281786
	Var: [Session=3]* [Hemisphere=1]*[Prime=0]* [Target=0]	1,199601	,337347
	Var: [Session=3]* [Hemisphere=1]*[Prime=0]* [Target=1]	1,096441	,309877
	Var: [Session=3]* [Hemisphere=1]*[Prime=1]* [Target=0]	1,022312	,294885
	Var: [Session=3]* [Hemisphere=1]*[Prime=1]* [Target=1]	1,098859	,313803
	CSH rho	,032178	,026815

```
MIXED Numeric_Component BY Session Hemisphere Prime Target WITH Visual_Comp
onent
  /CRITERIA=CIN(95) MXITER(100) MXSTEP(10) SCORING(1) SINGULAR(0.0000000000
01) HCONVERGE(0,
    ABSOLUTE) LCONVERGE(0, ABSOLUTE) PCONVERGE(0.000001, ABSOLUTE)
  /FIXED=Session Hemisphere Prime Target Session*Hemisphere Session*Prime S
ession*Target
    Hemisphere*Prime Hemisphere*Target Prime*Target Session*Hemisphere*Prim
e Session*Hemisphere*Target
    Session*Prime*Target Hemisphere*Prime*Target Session*Hemisphere*Prime*T
arget
    Visual_Component Session*Visual_Component
    Hemisphere*Visual_Component Prime*Visual_Component Target*Visual_Compon
ent
      | SSTYPE(3)
  /METHOD=ML
  /PRINT=SOLUTION
  /REPEATED=Session*Hemisphere*Prime*Target | SUBJECT(PP) COVTYPE(CSH).
```

Mixed Model Analysis

Model Dimension[a]

		Number of Levels	Covariance Structure	Number of Parameters
Fixed Effects	Intercept	1		1
	Session	2		1
	Hemisphere	2		1
	Prime	2		1
	Target	2		1
	Session * Hemisphere	4		1
	Session * Prime	4		1
	Session * Target	4		1
	Hemisphere * Prime	4		1
	Hemisphere * Target	4		1
	Prime * Target	4		1
	Session * Hemisphere * Prime	8		1
	Session * Hemisphere * Target	8		1
	Session * Prime * Target	8		1
	Hemisphere * Prime * Target	8		1
	Session * Hemisphere * Prime * Target	16		1
	Visual_Component	1		1
	Session * Visual_Component	2		1
	Hemisphere * Visual_Component	2		1
	Prime * Visual_Component	2		1
	Target * Visual_Component	2		1
Repeated Effects	Session * Hemisphere * Prime * Target	16	Heterogeneous Compound Symmetry	17
Total		106		38

Model Dimension[a]

		Subject Variables	Number of Subjects
Fixed Effects	Intercept		
	Session		
	Hemisphere		
	Prime		
	Target		
	Session * Hemisphere		
	Session * Prime		
	Session * Target		
	Hemisphere * Prime		
	Hemisphere * Target		
	Prime * Target		
	Session * Hemisphere * Prime		
	Session * Hemisphere * Target		
	Session * Prime * Target		
	Hemisphere * Prime * Target		
	Session * Hemisphere * Prime * Target		
	Visual_Component		
	Session * Visual_Component		
	Hemisphere * Visual_Component		
	Prime * Visual_Component		
	Target * Visual_Component		
Repeated Effects	Session * Hemisphere * Prime * Target	PP	25
Total			

a. Dependent Variable: Numeric_Component.

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Information Criteria[a]

-2 Log Likelihood	1109,357
Akaike's Information Criterion (AIC)	1185,357
Hurvich and Tsai's Criterion (AICC)	1193,568
Bozdogan's Criterion (CAIC)	1375,033
Schwarz's Bayesian Criterion (BIC)	1337,033

The information criteria are displayed in smaller-is-better form.

a. Dependent Variable: Numeric_Component.

Fixed Effects

Type III Tests of Fixed Effects[a]

Source	Numerator df	Denominator df	F	Sig.
Intercept	1	275,071	283,912	,000
Session	1	321,219	1,368	,243
Hemisphere	1	311,124	3,391	,067
Prime	1	269,440	,744	,389
Target	1	301,573	3,429	,065
Session * Hemisphere	1	347,865	,180	,672
Session * Prime	1	271,343	1,071	,302
Session * Target	1	306,603	5,630	,018
Hemisphere * Prime	1	326,171	9,016	,003
Hemisphere * Target	1	308,598	,435	,510
Prime * Target	1	234,383	,002	,967
Session * Hemisphere * Prime	1	375,013	1,823	,178
Session * Hemisphere * Target	1	354,404	3,662	,056
Session * Prime * Target	1	354,479	6,386	,012
Hemisphere * Prime * Target	1	357,572	2,397	,122
Session * Hemisphere * Prime * Target	1	354,386	1,446	,230
Visual_Component	1	336,075	55,698	,000

Type III Tests of Fixed Effects[a]

Source	Numerator df	Denominator df	F	Sig.
Session * Visual_Component	1	329,360	,305	,581
Hemisphere * Visual_Component	1	313,452	9,810	,002
Prime * Visual_Component	1	331,236	,295	,587
Target * Visual_Component	1	314,652	2,703	,101

a. Dependent Variable: Numeric_Component.

Estimates of Fixed Effects[a]

Parameter	Estimate	Std. Error	df	t	Sig.	95% ... Lower Bound
Intercept	4,653366	,455994	117,132	10,205	,000	3,750305
[Session=1]	-,010938	,442383	198,876	-,025	,980	-,883301
[Session=3]	0[b]	0	.	.	.	.
[Hemisphere=0]	,420316	,485785	191,279	,865	,388	-,537867
[Hemisphere=1]	0[b]	0	.	.	.	.
[Prime=0]	,095589	,704970	209,416	,136	,892	-1,294158
[Prime=1]	0[b]	0	.	.	.	.
[Target=0]	,476366	,515695	187,708	,924	,357	-,540937
[Target=1]	0[b]	0	.	.	.	.
[Session=1] * [Hemisphere=0]	,554853	,395104	99,885	1,404	,163	-,229033
[Session=1] * [Hemisphere=1]	0[b]	0	.	.	.	.
[Session=3] * [Hemisphere=0]	0[b]	0	.	.	.	.
[Session=3] * [Hemisphere=1]	0[b]	0	.	.	.	.
[Session=1] * [Prime=0]	,301059	,512998	148,704	,587	,558	-,712649
[Session=1] * [Prime=1]	0[b]	0	.	.	.	.
[Session=3] * [Prime=0]	0[b]	0	.	.	.	.
[Session=3] * [Prime=1]	0[b]	0	.	.	.	.
[Session=1] * [Target=0]	1,441669	,400897	124,944	3,596	,000	,648239
[Session=1] * [Target=1]	0[b]	0	.	.	.	.
[Session=3] * [Target=0]	0[b]	0	.	.	.	.

Estimates of Fixed Effects^a

Parameter	95% Confidence Upper Bound
Intercept	5,556427
[Session=1]	,861425
[Session=3]	.
[Hemisphere=0]	1,378499
[Hemisphere=1]	.
[Prime=0]	1,485336
[Prime=1]	.
[Target=0]	1,493669
[Target=1]	.
[Session=1] * [Hemisphere=0]	1,338739
[Session=1] * [Hemisphere=1]	.
[Session=3] * [Hemisphere=0]	.
[Session=3] * [Hemisphere=1]	.
[Session=1] * [Prime=0]	1,314768
[Session=1] * [Prime=1]	.
[Session=3] * [Prime=0]	.
[Session=3] * [Prime=1]	.
[Session=1] * [Target=0]	2,235098
[Session=1] * [Target=1]	.
[Session=3] * [Target=0]	.

Estimates of Fixed Effects[a]

Parameter	Estimate	Std. Error	df	t	Sig.	95% ... Lower Bound
[Session=3] * [Target=1]	0[b]	0	.	.	.	.
[Hemisphere=0] * [Prime=0]	,734131	,513783	178,453	1,429	,155	-,279741
[Hemisphere=0] * [Prime=1]	0[b]	0	.	.	.	.
[Hemisphere=1] * [Prime=0]	0[b]	0	.	.	.	.
[Hemisphere=1] * [Prime=1]	0[b]	0	.	.	.	.
[Hemisphere=0] * [Target=0]	,017572	,427249	119,719	,041	,967	-,828371
[Hemisphere=0] * [Target=1]	0[b]	0	.	.	.	.
[Hemisphere=1] * [Target=0]	0[b]	0	.	.	.	.
[Hemisphere=1] * [Target=1]	0[b]	0	.	.	.	.
[Prime=0] * [Target=0]	,067602	,609696	194,252	,111	,912	-1,134873
[Prime=0] * [Target=1]	0[b]	0	.	.	.	.
[Prime=1] * [Target=0]	0[b]	0	.	.	.	.
[Prime=1] * [Target=1]	0[b]	0	.	.	.	.
[Session=1] * [Hemisphere=0] * [Prime=0]	-,146415	,608929	216,008	-,240	,810	-1,346618
[Session=1] * [Hemisphere=0] * [Prime=1]	0[b]	0	.	.	.	.
[Session=1] * [Hemisphere=1] * [Prime=0]	0[b]	0	.	.	.	.
[Session=1] * [Hemisphere=1] * [Prime=1]	0[b]	0	.	.	.	.
[Session=3] * [Hemisphere=0] * [Prime=0]	0[b]	0	.	.	.	.
[Session=3] * [Hemisphere=0] * [Prime=1]	0[b]	0	.	.	.	.
[Session=3] * [Hemisphere=1] * [Prime=0]	0[b]	0	.	.	.	.

Estimates of Fixed Effects[a]

Parameter	95% Confidence Upper Bound
[Session=3] * [Target=1]	.
[Hemisphere=0] * [Prime=0]	1,748003
[Hemisphere=0] * [Prime=1]	.
[Hemisphere=1] * [Prime=0]	.
[Hemisphere=1] * [Prime=1]	.
[Hemisphere=0] * [Target=0]	,863515
[Hemisphere=0] * [Target=1]	.
[Hemisphere=1] * [Target=0]	.
[Hemisphere=1] * [Target=1]	.
[Prime=0] * [Target=0]	1,270076
[Prime=0] * [Target=1]	.
[Prime=1] * [Target=0]	.
[Prime=1] * [Target=1]	.
[Session=1] * [Hemisphere=0] * [Prime=0]	1,053789
[Session=1] * [Hemisphere=0] * [Prime=1]	.
[Session=1] * [Hemisphere=1] * [Prime=0]	.
[Session=1] * [Hemisphere=1] * [Prime=1]	.
[Session=3] * [Hemisphere=0] * [Prime=0]	.
[Session=3] * [Hemisphere=0] * [Prime=1]	.
[Session=3] * [Hemisphere=1] * [Prime=0]	.

Estimates of Fixed Effects[a]

Parameter	Estimate	Std. Error	df	t	Sig.	95% ...
						Lower Bound
[Session=3] * [Hemisphere=1] * [Prime=1]	0[b]	0	.	.	.	.
[Session=1] * [Hemisphere=0] * [Target=0]	-,283738	,522081	178,702	-,543	,587	-1,313976
[Session=1] * [Hemisphere=0] * [Target=1]	0[b]	0	.	.	.	.
[Session=1] * [Hemisphere=1] * [Target=0]	0[b]	0	.	.	.	.
[Session=1] * [Hemisphere=1] * [Target=1]	0[b]	0	.	.	.	.
[Session=3] * [Hemisphere=0] * [Target=0]	0[b]	0	.	.	.	.
[Session=3] * [Hemisphere=0] * [Target=1]	0[b]	0	.	.	.	.
[Session=3] * [Hemisphere=1] * [Target=0]	0[b]	0	.	.	.	.
[Session=3] * [Hemisphere=1] * [Target=1]	0[b]	0	.	.	.	.
[Session=1] * [Prime=0] * [Target=0]	-,728196	,630964	222,188	-1,154	,250	-1,971637
[Session=1] * [Prime=0] * [Target=1]	0[b]	0	.	.	.	.
[Session=1] * [Prime=1] * [Target=0]	0[b]	0	.	.	.	.
[Session=1] * [Prime=1] * [Target=1]	0[b]	0	.	.	.	.
[Session=3] * [Prime=0] * [Target=0]	0[b]	0	.	.	.	.
[Session=3] * [Prime=0] * [Target=1]	0[b]	0	.	.	.	.
[Session=3] * [Prime=1] * [Target=0]	0[b]	0	.	.	.	.
[Session=3] * [Prime=1] * [Target=1]	0[b]	0	.	.	.	.
[Hemisphere=0] * [Prime=0] * [Target=0]	1,111231	,592551	202,172	1,875	,062	-,057142

Estimates of Fixed Effects[a]

Parameter	95% Confidence Upper Bound
[Session=3] * [Hemisphere=1] * [Prime=1]	.
[Session=1] * [Hemisphere=0] * [Target=0]	,746499
[Session=1] * [Hemisphere=0] * [Target=1]	.
[Session=1] * [Hemisphere=1] * [Target=0]	.
[Session=1] * [Hemisphere=1] * [Target=1]	.
[Session=3] * [Hemisphere=0] * [Target=0]	.
[Session=3] * [Hemisphere=0] * [Target=1]	.
[Session=3] * [Hemisphere=1] * [Target=0]	.
[Session=3] * [Hemisphere=1] * [Target=1]	.
[Session=1] * [Prime=0] * [Target=0]	,515244
[Session=1] * [Prime=0] * [Target=1]	.
[Session=1] * [Prime=1] * [Target=0]	.
[Session=1] * [Prime=1] * [Target=1]	.
[Session=3] * [Prime=0] * [Target=0]	.
[Session=3] * [Prime=0] * [Target=1]	.
[Session=3] * [Prime=1] * [Target=0]	.
[Session=3] * [Prime=1] * [Target=1]	.
[Hemisphere=0] * [Prime=0] * [Target=0]	2,279604

Estimates of Fixed Effects^a

Parameter	Estimate	Std. Error	df	t	Sig.	95% ...
						Lower Bound
[Hemisphere=0] * [Prime=0] * [Target=1]	0^b	0	.	.	.	.
[Hemisphere=0] * [Prime=1] * [Target=0]	0^b	0	.	.	.	.
[Hemisphere=0] * [Prime=1] * [Target=1]	0^b	0	.	.	.	.
[Hemisphere=1] * [Prime=0] * [Target=0]	0^b	0	.	.	.	.
[Hemisphere=1] * [Prime=0] * [Target=1]	0^b	0	.	.	.	.
[Hemisphere=1] * [Prime=1] * [Target=0]	0^b	0	.	.	.	.
[Hemisphere=1] * [Prime=1] * [Target=1]	0^b	0	.	.	.	.
[Session=1] * [Hemisphere=0] * [Prime=0] * [Target=0]	-,972329	,808499	354,386	-1,203	,230	-2,562387
[Session=1] * [Hemisphere=0] * [Prime=0] * [Target=1]	0^b	0	.	.	.	.
[Session=1] * [Hemisphere=0] * [Prime=1] * [Target=0]	0^b	0	.	.	.	.
[Session=1] * [Hemisphere=0] * [Prime=1] * [Target=1]	0^b	0	.	.	.	.
[Session=1] * [Hemisphere=1] * [Prime=0] * [Target=0]	0^b	0	.	.	.	.
[Session=1] * [Hemisphere=1] * [Prime=0] * [Target=1]	0^b	0	.	.	.	.
[Session=1] * [Hemisphere=1] * [Prime=1] * [Target=0]	0^b	0	.	.	.	.
[Session=1] * [Hemisphere=1] * [Prime=1] * [Target=1]	0^b	0	.	.	.	.
[Session=3] * [Hemisphere=0] * [Prime=0] * [Target=0]	0^b	0	.	.	.	.
[Session=3] * [Hemisphere=0] * [Prime=0] * [Target=1]	0^b	0	.	.	.	.

Estimates of Fixed Effects^a

Parameter	95% Confidence
	Upper Bound
[Hemisphere=0] * [Prime=0] * [Target=1]	.
[Hemisphere=0] * [Prime=1] * [Target=0]	.
[Hemisphere=0] * [Prime=1] * [Target=1]	.
[Hemisphere=1] * [Prime=0] * [Target=0]	.
[Hemisphere=1] * [Prime=0] * [Target=1]	.
[Hemisphere=1] * [Prime=1] * [Target=0]	.
[Hemisphere=1] * [Prime=1] * [Target=1]	.
[Session=1] * [Hemisphere=0] * [Prime=0] * [Target=0]	,617730
[Session=1] * [Hemisphere=0] * [Prime=0] * [Target=1]	.
[Session=1] * [Hemisphere=0] * [Prime=1] * [Target=0]	.
[Session=1] * [Hemisphere=0] * [Prime=1] * [Target=1]	.
[Session=1] * [Hemisphere=1] * [Prime=0] * [Target=0]	.
[Session=1] * [Hemisphere=1] * [Prime=0] * [Target=1]	.
[Session=1] * [Hemisphere=1] * [Prime=1] * [Target=0]	.
[Session=1] * [Hemisphere=1] * [Prime=1] * [Target=1]	.
[Session=3] * [Hemisphere=0] * [Prime=0] * [Target=0]	.
[Session=3] * [Hemisphere=0] * [Prime=0] * [Target=1]	.

Estimates of Fixed Effects[a]

Parameter	Estimate	Std. Error	df	t	Sig.	95% ... Lower Bound
[Session=3] * [Hemisphere=0] * [Prime=1] * [Target=0]	0[b]	0	.	.	.	.
[Session=3] * [Hemisphere=0] * [Prime=1] * [Target=1]	0[b]	0	.	.	.	.
[Session=3] * [Hemisphere=1] * [Prime=0] * [Target=0]	0[b]	0	.	.	.	.
[Session=3] * [Hemisphere=1] * [Prime=0] * [Target=1]	0[b]	0	.	.	.	.
[Session=3] * [Hemisphere=1] * [Prime=1] * [Target=0]	0[b]	0	.	.	.	.
[Session=3] * [Hemisphere=1] * [Prime=1] * [Target=1]	0[b]	0	.	.	.	.
Visual_Component	,165595	,196064	169,827	,845	,400	-,221442
[Session=1] * Visual_Component	,097152	,176032	329,360	,552	,581	-,249136
[Session=3] * Visual_Component	0[b]	0	.	.	.	.
[Hemisphere=0] * Visual_Component	,542120	,173083	313,452	3,132	,002	,201568
[Hemisphere=1] * Visual_Component	0[b]	0	.	.	.	.
[Prime=0] * Visual_Component	,098289	,180846	331,236	,543	,587	-,257462
[Prime=1] * Visual_Component	0[b]	0	.	.	.	.
[Target=0] * Visual_Component	,285409	,173591	314,652	1,644	,101	-,056136
[Target=1] * Visual_Component	0[b]	0	.	.	.	.

Estimates of Fixed Effects[a]

Parameter	95% Confidence Upper Bound
[Session=3] * [Hemisphere=0] * [Prime=1] * [Target=0]	.
[Session=3] * [Hemisphere=0] * [Prime=1] * [Target=1]	.
[Session=3] * [Hemisphere=1] * [Prime=0] * [Target=0]	.
[Session=3] * [Hemisphere=1] * [Prime=0] * [Target=1]	.
[Session=3] * [Hemisphere=1] * [Prime=1] * [Target=0]	.
[Session=3] * [Hemisphere=1] * [Prime=1] * [Target=1]	.
Visual_Component	,552632
[Session=1] * Visual_Component	,443441
[Session=3] * Visual_Component	.
[Hemisphere=0] * Visual_Component	,882672
[Hemisphere=1] * Visual_Component	.
[Prime=0] * Visual_Component	,454040
[Prime=1] * Visual_Component	.
[Target=0] * Visual_Component	,626954
[Target=1] * Visual_Component	.

a. Dependent Variable: Numeric_Component.

b. This parameter is set to zero because it is redundant.

Covariance Parameters

Estimates of Covariance Parameters[a]

Parameter		Estimate	Std. Error
Repeated Measures	Var: [Session=1]*[Hemisphere=0]*[Prime=0]*[Target=0]	1,492777	,423353
	Var: [Session=1]*[Hemisphere=0]*[Prime=0]*[Target=1]	,867831	,250696
	Var: [Session=1]*[Hemisphere=0]*[Prime=1]*[Target=0]	,361316	,102447
	Var: [Session=1]*[Hemisphere=0]*[Prime=1]*[Target=1]	1,125736	,318504
	Var: [Session=1]*[Hemisphere=1]*[Prime=0]*[Target=0]	,926898	,260939
	Var: [Session=1]*[Hemisphere=1]*[Prime=0]*[Target=1]	1,293734	,368958
	Var: [Session=1]*[Hemisphere=1]*[Prime=1]*[Target=0]	,674136	,190751
	Var: [Session=1]*[Hemisphere=1]*[Prime=1]*[Target=1]	,528383	,149497
	Var: [Session=3]*[Hemisphere=0]*[Prime=0]*[Target=0]	1,086851	,307765
	Var: [Session=3]*[Hemisphere=0]*[Prime=0]*[Target=1]	1,063463	,298572
	Var: [Session=3]*[Hemisphere=0]*[Prime=1]*[Target=0]	,987481	,283321
	Var: [Session=3]*[Hemisphere=0]*[Prime=1]*[Target=1]	1,026154	,289683
	Var: [Session=3]*[Hemisphere=1]*[Prime=0]*[Target=0]	1,229357	,348146
	Var: [Session=3]*[Hemisphere=1]*[Prime=0]*[Target=1]	1,094425	,309421
	Var: [Session=3]*[Hemisphere=1]*[Prime=1]*[Target=0]	1,017960	,293357
	Var: [Session=3]*[Hemisphere=1]*[Prime=1]*[Target=1]	1,077149	,306071
	CSH rho	,030384	,026367

a. Dependent Variable: Numeric_Component.

```
MIXED Numeric_Component BY Session Hemisphere Prime Target WITH Visual_Comp
onent
  /CRITERIA=CIN(95) MXITER(100) MXSTEP(10) SCORING(1) SINGULAR(0.0000000000
01) HCONVERGE(0,
    ABSOLUTE) LCONVERGE(0, ABSOLUTE) PCONVERGE(0.000001, ABSOLUTE)
  /FIXED=Session Hemisphere Prime Target Session*Hemisphere Session*Prime S
ession*Target
    Hemisphere*Prime Hemisphere*Target Prime*Target Session*Hemisphere*Prim
e Session*Hemisphere*Target
    Session*Prime*Target Hemisphere*Prime*Target Session*Hemisphere*Prime*T
arget
    Visual_Component Session*Visual_Component
    Hemisphere*Visual_Component Target*Visual_Component
      | SSTYPE(3)
  /METHOD=ML
  /PRINT=SOLUTION
  /REPEATED=Session*Hemisphere*Prime*Target | SUBJECT(PP) COVTYPE(CSH).
```

Mixed Model Analysis

Model Dimension[a]

		Number of Levels	Covariance Structure	Number of Parameters
Fixed Effects	Intercept	1		1
	Session	2		1
	Hemisphere	2		1
	Prime	2		1
	Target	2		1
	Session * Hemisphere	4		1
	Session * Prime	4		1
	Session * Target	4		1
	Hemisphere * Prime	4		1
	Hemisphere * Target	4		1
	Prime * Target	4		1
	Session * Hemisphere * Prime	8		1
	Session * Hemisphere * Target	8		1
	Session * Prime * Target	8		1
	Hemisphere * Prime * Target	8		1
	Session * Hemisphere * Prime * Target	16		1
	Visual_Component	1		1
	Session * Visual_Component	2		1
	Hemisphere * Visual_Component	2		1
	Target * Visual_Component	2		1
Repeated Effects	Session * Hemisphere * Prime * Target	16	Heterogeneous Compound Symmetry	17
Total		104		37

Model Dimension[a]

		Subject Variables	Number of Subjects
Fixed Effects	Intercept		
	Session		
	Hemisphere		
	Prime		
	Target		
	Session * Hemisphere		
	Session * Prime		
	Session * Target		
	Hemisphere * Prime		
	Hemisphere * Target		
	Prime * Target		
	Session * Hemisphere * Prime		
	Session * Hemisphere * Target		
	Session * Prime * Target		
	Hemisphere * Prime * Target		
	Session * Hemisphere * Prime * Target		
	Visual_Component		
	Session * Visual_Component		
	Hemisphere * Visual_Component		
	Target * Visual_Component		
Repeated Effects	Session * Hemisphere * Prime * Target	PP	25
Total			

a. Dependent Variable: Numeric_Component.

Information Criteria^a

-2 Log Likelihood	1109,643
Akaike's Information Criterion (AIC)	1183,643
Hurvich and Tsai's Criterion (AICC)	1191,411
Bozdogan's Criterion (CAIC)	1368,327
Schwarz's Bayesian Criterion (BIC)	1331,327

The information criteria are displayed in smaller-is-better form.

a. Dependent Variable: Numeric_Component.

Fixed Effects

Type III Tests of Fixed Effects^a

Source	Numerator df	Denominator df	F	Sig.
Intercept	1	297,559	336,238	,000
Session	1	323,066	1,419	,234
Hemisphere	1	307,948	3,286	,071
Prime	1	265,618	1,670	,197
Target	1	301,433	3,207	,074
Session * Hemisphere	1	345,269	,158	,692
Session * Prime	1	265,038	,850	,357
Session * Target	1	309,641	5,705	,018
Hemisphere * Prime	1	363,627	8,811	,003
Hemisphere * Target	1	308,893	,434	,510
Prime * Target	1	352,162	,117	,732
Session * Hemisphere * Prime	1	374,989	1,830	,177
Session * Hemisphere * Target	1	357,504	3,500	,062
Session * Prime * Target	1	355,803	6,287	,013
Hemisphere * Prime * Target	1	358,003	2,565	,110
Session * Hemisphere * Prime * Target	1	353,067	1,236	,267
Visual_Component	1	328,182	57,530	,000

Type III Tests of Fixed Effects[a]

Source	Numerator df	Denominator df	F	Sig.
Session * Visual_Component	1	329,055	,255	,614
Hemisphere * Visual_Component	1	312,517	9,690	,002
Target * Visual_Component	1	319,548	2,600	,108

a. Dependent Variable: Numeric_Component.

Estimates of Fixed Effects[a]

Parameter	Estimate	Std. Error	df	t	Sig.	95% ... Lower Bound
Intercept	4,746992	,423116	123,928	11,219	,000	3,909522
[Session=1]	-,028160	,441649	197,752	-,064	,949	-,899107
[Session=3]	0[b]	0	.	.	.	.
[Hemisphere=0]	,426371	,485620	192,625	,878	,381	-,531445
[Hemisphere=1]	0[b]	0	.	.	.	.
[Prime=0]	-,205034	,436202	110,487	-,470	,639	-1,069442
[Prime=1]	0[b]	0	.	.	.	.
[Target=0]	,488934	,515635	190,867	,948	,344	-,528141
[Target=1]	0[b]	0	.	.	.	.
[Session=1] * [Hemisphere=0]	,562639	,394454	100,262	1,426	,157	-,219922
[Session=1] * [Hemisphere=1]	0[b]	0	.	.	.	.
[Session=3] * [Hemisphere=0]	0[b]	0	.	.	.	.
[Session=3] * [Hemisphere=1]	0[b]	0	.	.	.	.
[Session=1] * [Prime=0]	,373836	,494799	141,824	,756	,451	-,604299
[Session=1] * [Prime=1]	0[b]	0	.	.	.	.
[Session=3] * [Prime=0]	0[b]	0	.	.	.	.
[Session=3] * [Prime=1]	0[b]	0	.	.	.	.
[Session=1] * [Target=0]	1,454641	,400550	124,856	3,632	,000	,661895
[Session=1] * [Target=1]	0[b]	0	.	.	.	.
[Session=3] * [Target=0]	0[b]	0	.	.	.	.
[Session=3] * [Target=1]	0[b]	0	.	.	.	.

Estimates of Fixed Effects^a

Parameter	95% Confidence Upper Bound
Intercept	5,584462
[Session=1]	,842786
[Session=3]	.
[Hemisphere=0]	1,384186
[Hemisphere=1]	.
[Prime=0]	,659374
[Prime=1]	.
[Target=0]	1,506010
[Target=1]	.
[Session=1] * [Hemisphere=0]	1,345200
[Session=1] * [Hemisphere=1]	.
[Session=3] * [Hemisphere=0]	.
[Session=3] * [Hemisphere=1]	.
[Session=1] * [Prime=0]	1,351971
[Session=1] * [Prime=1]	.
[Session=3] * [Prime=0]	.
[Session=3] * [Prime=1]	.
[Session=1] * [Target=0]	2,247388
[Session=1] * [Target=1]	.
[Session=3] * [Target=0]	.
[Session=3] * [Target=1]	.

Estimates of Fixed Effects[a]

Parameter	Estimate	Std. Error	df	t	Sig.	95% ...
						Lower Bound
[Hemisphere=0] * [Prime=0]	,699468	,509842	177,233	1,372	,172	-,306673
[Hemisphere=0] * [Prime=1]	0[b]	0	.	.	.	.
[Hemisphere=1] * [Prime=0]	0[b]	0	.	.	.	.
[Hemisphere=1] * [Prime=1]	0[b]	0	.	.	.	.
[Hemisphere=0] * [Target=0]	,021135	,427710	119,387	,049	,961	-,825745
[Hemisphere=0] * [Target=1]	0[b]	0	.	.	.	.
[Hemisphere=1] * [Target=0]	0[b]	0	.	.	.	.
[Hemisphere=1] * [Target=1]	0[b]	0	.	.	.	.
[Prime=0] * [Target=0]	-,047440	,573212	189,738	-,083	,934	-1,178127
[Prime=0] * [Target=1]	0[b]	0	.	.	.	.
[Prime=1] * [Target=0]	0[b]	0	.	.	.	.
[Prime=1] * [Target=1]	0[b]	0	.	.	.	.
[Session=1] * [Hemisphere=0] * [Prime=0]	-,194528	,601593	214,064	-,323	,747	-1,380332
[Session=1] * [Hemisphere=0] * [Prime=1]	0[b]	0	.	.	.	.
[Session=1] * [Hemisphere=1] * [Prime=0]	0[b]	0	.	.	.	.
[Session=1] * [Hemisphere=1] * [Prime=1]	0[b]	0	.	.	.	.
[Session=3] * [Hemisphere=0] * [Prime=0]	0[b]	0	.	.	.	.
[Session=3] * [Hemisphere=0] * [Prime=1]	0[b]	0	.	.	.	.
[Session=3] * [Hemisphere=1] * [Prime=0]	0[b]	0	.	.	.	.

Estimates of Fixed Effects^a

Parameter	95% Confidence Upper Bound
[Hemisphere=0] * [Prime=0]	1,705610
[Hemisphere=0] * [Prime=1]	.
[Hemisphere=1] * [Prime=0]	.
[Hemisphere=1] * [Prime=1]	.
[Hemisphere=0] * [Target=0]	,868015
[Hemisphere=0] * [Target=1]	.
[Hemisphere=1] * [Target=0]	.
[Hemisphere=1] * [Target=1]	.
[Prime=0] * [Target=0]	1,083247
[Prime=0] * [Target=1]	.
[Prime=1] * [Target=0]	.
[Prime=1] * [Target=1]	.
[Session=1] * [Hemisphere=0] * [Prime=0]	,991276
[Session=1] * [Hemisphere=0] * [Prime=1]	.
[Session=1] * [Hemisphere=1] * [Prime=0]	.
[Session=1] * [Hemisphere=1] * [Prime=1]	.
[Session=3] * [Hemisphere=0] * [Prime=0]	.
[Session=3] * [Hemisphere=0] * [Prime=1]	.
[Session=3] * [Hemisphere=1] * [Prime=0]	.

Estimates of Fixed Effects[a]

Parameter	Estimate	Std. Error	df	t	Sig.	95% ...
						Lower Bound
[Session=3] * [Hemisphere=1] * [Prime=1]	0[b]	0	.	.	.	.
[Session=1] * [Hemisphere=0] * [Target=0]	-,310561	,519953	179,385	-,597	,551	-1,336573
[Session=1] * [Hemisphere=0] * [Target=1]	0[b]	0	.	.	.	.
[Session=1] * [Hemisphere=1] * [Target=0]	0[b]	0	.	.	.	.
[Session=1] * [Hemisphere=1] * [Target=1]	0[b]	0	.	.	.	.
[Session=3] * [Hemisphere=0] * [Target=0]	0[b]	0	.	.	.	.
[Session=3] * [Hemisphere=0] * [Target=1]	0[b]	0	.	.	.	.
[Session=3] * [Hemisphere=1] * [Target=0]	0[b]	0	.	.	.	.
[Session=3] * [Hemisphere=1] * [Target=1]	0[b]	0	.	.	.	.
[Session=1] * [Prime=0] * [Target=0]	-,765240	,627808	220,604	-1,219	,224	-2,002509
[Session=1] * [Prime=0] * [Target=1]	0[b]	0	.	.	.	.
[Session=1] * [Prime=1] * [Target=0]	0[b]	0	.	.	.	.
[Session=1] * [Prime=1] * [Target=1]	0[b]	0	.	.	.	.
[Session=3] * [Prime=0] * [Target=0]	0[b]	0	.	.	.	.
[Session=3] * [Prime=0] * [Target=1]	0[b]	0	.	.	.	.
[Session=3] * [Prime=1] * [Target=0]	0[b]	0	.	.	.	.
[Session=3] * [Prime=1] * [Target=1]	0[b]	0	.	.	.	.
[Hemisphere=0] * [Prime=0] * [Target=0]	1,083837	,591504	201,561	1,832	,068	-,082493

Estimates of Fixed Effects[a]

Parameter	95% Confidence Upper Bound
[Session=3] * [Hemisphere=1] * [Prime=1]	.
[Session=1] * [Hemisphere=0] * [Target=0]	,715451
[Session=1] * [Hemisphere=0] * [Target=1]	.
[Session=1] * [Hemisphere=1] * [Target=0]	.
[Session=1] * [Hemisphere=1] * [Target=1]	.
[Session=3] * [Hemisphere=0] * [Target=0]	.
[Session=3] * [Hemisphere=0] * [Target=1]	.
[Session=3] * [Hemisphere=1] * [Target=0]	.
[Session=3] * [Hemisphere=1] * [Target=1]	.
[Session=1] * [Prime=0] * [Target=0]	,472029
[Session=1] * [Prime=0] * [Target=1]	.
[Session=1] * [Prime=1] * [Target=0]	.
[Session=1] * [Prime=1] * [Target=1]	.
[Session=3] * [Prime=0] * [Target=0]	.
[Session=3] * [Prime=0] * [Target=1]	.
[Session=3] * [Prime=1] * [Target=0]	.
[Session=3] * [Prime=1] * [Target=1]	.
[Hemisphere=0] * [Prime=0] * [Target=0]	2,250167

Estimates of Fixed Effects[a]

Parameter	Estimate	Std. Error	df	t	Sig.	95% ... Lower Bound
[Hemisphere=0] * [Prime=0] * [Target=1]	0[b]	0	.	.	.	.
[Hemisphere=0] * [Prime=1] * [Target=0]	0[b]	0	.	.	.	.
[Hemisphere=0] * [Prime=1] * [Target=1]	0[b]	0	.	.	.	.
[Hemisphere=1] * [Prime=0] * [Target=0]	0[b]	0	.	.	.	.
[Hemisphere=1] * [Prime=0] * [Target=1]	0[b]	0	.	.	.	.
[Hemisphere=1] * [Prime=1] * [Target=0]	0[b]	0	.	.	.	.
[Hemisphere=1] * [Prime=1] * [Target=1]	0[b]	0	.	.	.	.
[Session=1] * [Hemisphere=0] * [Prime=0] * [Target=0]	-,878894	,790434	353,067	-1,112	,267	-2,433445
[Session=1] * [Hemisphere=0] * [Prime=0] * [Target=1]	0[b]	0	.	.	.	.
[Session=1] * [Hemisphere=0] * [Prime=1] * [Target=0]	0[b]	0	.	.	.	.
[Session=1] * [Hemisphere=0] * [Prime=1] * [Target=1]	0[b]	0	.	.	.	.
[Session=1] * [Hemisphere=1] * [Prime=0] * [Target=0]	0[b]	0	.	.	.	.
[Session=1] * [Hemisphere=1] * [Prime=0] * [Target=1]	0[b]	0	.	.	.	.
[Session=1] * [Hemisphere=1] * [Prime=1] * [Target=0]	0[b]	0	.	.	.	.
[Session=1] * [Hemisphere=1] * [Prime=1] * [Target=1]	0[b]	0	.	.	.	.
[Session=3] * [Hemisphere=0] * [Prime=0] * [Target=0]	0[b]	0	.	.	.	.
[Session=3] * [Hemisphere=0] * [Prime=0] * [Target=1]	0[b]	0	.	.	.	.

Estimates of Fixed Effects^a

Parameter	95% Confidence
	Upper Bound
[Hemisphere=0] * [Prime=0] * [Target=1]	.
[Hemisphere=0] * [Prime=1] * [Target=0]	.
[Hemisphere=0] * [Prime=1] * [Target=1]	.
[Hemisphere=1] * [Prime=0] * [Target=0]	.
[Hemisphere=1] * [Prime=0] * [Target=1]	.
[Hemisphere=1] * [Prime=1] * [Target=0]	.
[Hemisphere=1] * [Prime=1] * [Target=1]	.
[Session=1] * [Hemisphere=0] * [Prime=0] * [Target=0]	,675656
[Session=1] * [Hemisphere=0] * [Prime=0] * [Target=1]	.
[Session=1] * [Hemisphere=0] * [Prime=1] * [Target=0]	.
[Session=1] * [Hemisphere=0] * [Prime=1] * [Target=1]	.
[Session=1] * [Hemisphere=1] * [Prime=0] * [Target=0]	.
[Session=1] * [Hemisphere=1] * [Prime=0] * [Target=1]	.
[Session=1] * [Hemisphere=1] * [Prime=1] * [Target=0]	.
[Session=1] * [Hemisphere=1] * [Prime=1] * [Target=1]	.
[Session=3] * [Hemisphere=0] * [Prime=0] * [Target=0]	.
[Session=3] * [Hemisphere=0] * [Prime=0] * [Target=1]	.

Estimates of Fixed Effects[a]

Parameter	Estimate	Std. Error	df	t	Sig.	95% ... Lower Bound
[Session=3] * [Hemisphere=0] * [Prime=1] * [Target=0]	0[b]	0	.	.	.	.
[Session=3] * [Hemisphere=0] * [Prime=1] * [Target=1]	0[b]	0	.	.	.	.
[Session=3] * [Hemisphere=1] * [Prime=0] * [Target=0]	0[b]	0	.	.	.	.
[Session=3] * [Hemisphere=1] * [Prime=0] * [Target=1]	0[b]	0	.	.	.	.
[Session=3] * [Hemisphere=1] * [Prime=1] * [Target=0]	0[b]	0	.	.	.	.
[Session=3] * [Hemisphere=1] * [Prime=1] * [Target=1]	0[b]	0	.	.	.	.
Visual_Component	,210808	,177837	201,316	1,185	,237	-,139854
[Session=1] * Visual_Component	,088687	,175480	329,055	,505	,614	-,256517
[Session=3] * Visual_Component	0[b]	0	.	.	.	.
[Hemisphere=0] * Visual_Component	,538276	,172919	312,517	3,113	,002	,198044
[Hemisphere=1] * Visual_Component	0[b]	0	.	.	.	.
[Target=0] * Visual_Component	,279353	,173232	319,548	1,613	,108	-,061466
[Target=1] * Visual_Component	0[b]	0	.	.	.	.

Estimates of Fixed Effects[a]

Parameter	95% Confidence
	Upper Bound
[Session=3] * [Hemisphere=0] * [Prime=1] * [Target=0]	.
[Session=3] * [Hemisphere=0] * [Prime=1] * [Target=1]	.
[Session=3] * [Hemisphere=1] * [Prime=0] * [Target=0]	.
[Session=3] * [Hemisphere=1] * [Prime=0] * [Target=1]	.
[Session=3] * [Hemisphere=1] * [Prime=1] * [Target=0]	.
[Session=3] * [Hemisphere=1] * [Prime=1] * [Target=1]	.
Visual_Component	,561470
[Session=1] * Visual_Component	,433890
[Session=3] * Visual_Component	.
[Hemisphere=0] * Visual_Component	,878508
[Hemisphere=1] * Visual_Component	.
[Target=0] * Visual_Component	,620173
[Target=1] * Visual_Component	.

a. Dependent Variable: Numeric_Component.

b. This parameter is set to zero because it is redundant.

Covariance Parameters

Estimates of Covariance Parameters[a]

Parameter		Estimate	Std. Error
Repeated Measures	Var: [Session=1]* [Hemisphere=0]*[Prime=0]* [Target=0]	1,496622	,424397
	Var: [Session=1]* [Hemisphere=0]*[Prime=0]* [Target=1]	,855323	,245124
	Var: [Session=1]* [Hemisphere=0]*[Prime=1]* [Target=0]	,361102	,102355
	Var: [Session=1]* [Hemisphere=0]*[Prime=1]* [Target=1]	1,122101	,317154
	Var: [Session=1]* [Hemisphere=1]*[Prime=0]* [Target=0]	,932507	,262802
	Var: [Session=1]* [Hemisphere=1]*[Prime=0]* [Target=1]	1,285739	,365942
	Var: [Session=1]* [Hemisphere=1]*[Prime=1]* [Target=0]	,676906	,191647
	Var: [Session=1]* [Hemisphere=1]*[Prime=1]* [Target=1]	,524441	,147619
	Var: [Session=3]* [Hemisphere=0]*[Prime=0]* [Target=0]	1,093839	,309694
	Var: [Session=3]* [Hemisphere=0]*[Prime=0]* [Target=1]	1,066327	,299538
	Var: [Session=3]* [Hemisphere=0]*[Prime=1]* [Target=0]	,996047	,285889
	Var: [Session=3]* [Hemisphere=0]*[Prime=1]* [Target=1]	1,019176	,286752
	Var: [Session=3]* [Hemisphere=1]*[Prime=0]* [Target=0]	1,244387	,352304
	Var: [Session=3]* [Hemisphere=1]*[Prime=0]* [Target=1]	1,092774	,308771
	Var: [Session=3]* [Hemisphere=1]*[Prime=1]* [Target=0]	1,020935	,294551
	Var: [Session=3]* [Hemisphere=1]*[Prime=1]* [Target=1]	1,085204	,308419
	CSH rho	,030609	,026402

a. Dependent Variable: Numeric_Component.

```
MIXED Numeric_Component BY Session Hemisphere Prime Target WITH Visual_Comp
onent
  /CRITERIA=CIN(95) MXITER(100) MXSTEP(10) SCORING(1) SINGULAR(0.0000000000
01) HCONVERGE(0,
    ABSOLUTE) LCONVERGE(0, ABSOLUTE) PCONVERGE(0.000001, ABSOLUTE)
  /FIXED=Session Hemisphere Prime Target Session*Hemisphere Session*Prime S
ession*Target
    Hemisphere*Prime Hemisphere*Target Prime*Target Session*Hemisphere*Prim
e Session*Hemisphere*Target
    Session*Prime*Target Hemisphere*Prime*Target Session*Hemisphere*Prime*T
arget
    Visual_Component
    Hemisphere*Visual_Component Target*Visual_Component
      | SSTYPE(3)
  /METHOD=ML
  /PRINT=SOLUTION
  /REPEATED=Session*Hemisphere*Prime*Target | SUBJECT(PP) COVTYPE(CSH).
```

Mixed Model Analysis

Model Dimension[a]

		Number of Levels	Covariance Structure	Number of Parameters
Fixed Effects	Intercept	1		1
	Session	2		1
	Hemisphere	2		1
	Prime	2		1
	Target	2		1
	Session * Hemisphere	4		1
	Session * Prime	4		1
	Session * Target	4		1
	Hemisphere * Prime	4		1
	Hemisphere * Target	4		1
	Prime * Target	4		1
	Session * Hemisphere * Prime	8		1
	Session * Hemisphere * Target	8		1
	Session * Prime * Target	8		1
	Hemisphere * Prime * Target	8		1
	Session * Hemisphere * Prime * Target	16		1
	Visual_Component	1		1
	Hemisphere * Visual_Component	2		1
	Target * Visual_Component	2		1
Repeated Effects	Session * Hemisphere * Prime * Target	16	Heterogeneous Compound Symmetry	17
Total		102		36

Model Dimension[a]

		Subject Variables	Number of Subjects
Fixed Effects	Intercept		
	Session		
	Hemisphere		
	Prime		
	Target		
	Session * Hemisphere		
	Session * Prime		
	Session * Target		
	Hemisphere * Prime		
	Hemisphere * Target		
	Prime * Target		
	Session * Hemisphere * Prime		
	Session * Hemisphere * Target		
	Session * Prime * Target		
	Hemisphere * Prime * Target		
	Session * Hemisphere * Prime * Target		
	Visual_Component		
	Hemisphere * Visual_Component		
	Target * Visual_Component		
Repeated Effects	Session * Hemisphere * Prime * Target	PP	25
Total			

a. Dependent Variable: Numeric_Component.

Information Criteria[a]

-2 Log Likelihood	1109,889
Akaike's Information Criterion (AIC)	1181,889
Hurvich and Tsai's Criterion (AICC)	1189,228
Bozdogan's Criterion (CAIC)	1361,582
Schwarz's Bayesian Criterion (BIC)	1325,582

The information criteria are displayed in smaller-is-better form.

a. Dependent Variable: Numeric_Component.

Fixed Effects

Type III Tests of Fixed Effects[a]

Source	Numerator df	Denominator df	F	Sig.
Intercept	1	279,312	354,437	,000
Session	1	368,794	16,465	,000
Hemisphere	1	309,632	3,255	,072
Prime	1	354,191	3,007	,084
Target	1	298,402	3,344	,068
Session * Hemisphere	1	366,354	,058	,810
Session * Prime	1	378,938	3,825	,051
Session * Target	1	366,719	7,706	,006
Hemisphere * Prime	1	366,781	8,683	,003
Hemisphere * Target	1	320,082	,530	,467
Prime * Target	1	355,985	,081	,776
Session * Hemisphere * Prime	1	375,123	1,820	,178
Session * Hemisphere * Target	1	355,422	3,399	,066
Session * Prime * Target	1	376,274	7,178	,008
Hemisphere * Prime * Target	1	358,209	2,600	,108
Session * Hemisphere * Prime * Target	1	353,166	1,214	,271
Visual_Component	1	313,106	59,781	,000

Type III Tests of Fixed Effects[a]

Source	Numerator df	Denominator df	F	Sig.
Hemisphere * Visual_Component	1	314,177	9,614	,002
Target * Visual_Component	1	319,729	2,680	,103

a. Dependent Variable: Numeric_Component.

Estimates of Fixed Effects[a]

Parameter	Estimate	Std. Error	df	t	Sig.	95% ... Lower Bound
Intercept	4,850304	,371078	100,133	13,071	,000	4,114108
[Session=1]	-,212138	,251338	43,939	-,844	,403	-,718696
[Session=3]	0[b]	0	.	.	.	.
[Hemisphere=0]	,438627	,485410	194,826	,904	,367	-,518706
[Hemisphere=1]	0[b]	0	.	.	.	.
[Prime=0]	-,113776	,397777	100,135	-,286	,775	-,902941
[Prime=1]	0[b]	0	.	.	.	.
[Target=0]	,532553	,510268	203,453	1,044	,298	-,473538
[Target=1]	0[b]	0	.	.	.	.
[Session=1] * [Hemisphere=0]	,519348	,385879	92,999	1,346	,182	-,246931
[Session=1] * [Hemisphere=1]	0[b]	0	.	.	.	.
[Session=3] * [Hemisphere=0]	0[b]	0	.	.	.	.
[Session=3] * [Hemisphere=1]	0[b]	0	.	.	.	.
[Session=1] * [Prime=0]	,267773	,448676	108,202	,597	,552	-,621562
[Session=1] * [Prime=1]	0[b]	0	.	.	.	.
[Session=3] * [Prime=0]	0[b]	0	.	.	.	.
[Session=3] * [Prime=1]	0[b]	0	.	.	.	.
[Session=1] * [Target=0]	1,377065	,370391	97,156	3,718	,000	,641956
[Session=1] * [Target=1]	0[b]	0	.	.	.	.
[Session=3] * [Target=0]	0[b]	0	.	.	.	.
[Session=3] * [Target=1]	0[b]	0	.	.	.	.
[Hemisphere=0] * [Prime=0]	,691164	,509975	176,452	1,355	,177	-,315271

Estimates of Fixed Effects^a

Parameter	95% Confidence
	Upper Bound
Intercept	5,586500
[Session=1]	,294419
[Session=3]	.
[Hemisphere=0]	1,395959
[Hemisphere=1]	.
[Prime=0]	,675390
[Prime=1]	.
[Target=0]	1,538644
[Target=1]	.
[Session=1] * [Hemisphere=0]	1,285627
[Session=1] * [Hemisphere=1]	.
[Session=3] * [Hemisphere=0]	.
[Session=3] * [Hemisphere=1]	.
[Session=1] * [Prime=0]	1,157108
[Session=1] * [Prime=1]	.
[Session=3] * [Prime=0]	.
[Session=3] * [Prime=1]	.
[Session=1] * [Target=0]	2,112173
[Session=1] * [Target=1]	.
[Session=3] * [Target=0]	.
[Session=3] * [Target=1]	.
[Hemisphere=0] * [Prime=0]	1,697599

Estimates of Fixed Effects[a]

Parameter	Estimate	Std. Error	df	t	Sig.	95% ... Lower Bound
[Hemisphere=0] * [Prime=1]	0[b]	0	.	.	.	.
[Hemisphere=1] * [Prime=0]	0[b]	0	.	.	.	.
[Hemisphere=1] * [Prime=1]	0[b]	0	.	.	.	.
[Hemisphere=0] * [Target=0]	,033306	,428356	119,614	,078	,938	-,814838
[Hemisphere=0] * [Target=1]	0[b]	0	.	.	.	.
[Hemisphere=1] * [Target=0]	0[b]	0	.	.	.	.
[Hemisphere=1] * [Target=1]	0[b]	0	.	.	.	.
[Prime=0] * [Target=0]	-,002084	,567459	201,353	-,004	,997	-1,121008
[Prime=0] * [Target=1]	0[b]	0	.	.	.	.
[Prime=1] * [Target=0]	0[b]	0	.	.	.	.
[Prime=1] * [Target=1]	0[b]	0	.	.	.	.
[Session=1] * [Hemisphere=0] * [Prime=0]	-,196978	,601914	214,306	-,327	,744	-1,383408
[Session=1] * [Hemisphere=0] * [Prime=1]	0[b]	0	.	.	.	.
[Session=1] * [Hemisphere=1] * [Prime=0]	0[b]	0	.	.	.	.
[Session=1] * [Hemisphere=1] * [Prime=1]	0[b]	0	.	.	.	.
[Session=3] * [Hemisphere=0] * [Prime=0]	0[b]	0	.	.	.	.
[Session=3] * [Hemisphere=0] * [Prime=1]	0[b]	0	.	.	.	.
[Session=3] * [Hemisphere=1] * [Prime=0]	0[b]	0	.	.	.	.
[Session=3] * [Hemisphere=1] * [Prime=1]	0[b]	0	.	.	.	.

Estimates of Fixed Effects[a]

Parameter	95% Confidence Upper Bound
[Hemisphere=0] * [Prime=1]	.
[Hemisphere=1] * [Prime=0]	.
[Hemisphere=1] * [Prime=1]	.
[Hemisphere=0] * [Target=0]	,881450
[Hemisphere=0] * [Target=1]	.
[Hemisphere=1] * [Target=0]	.
[Hemisphere=1] * [Target=1]	.
[Prime=0] * [Target=0]	1,116841
[Prime=0] * [Target=1]	.
[Prime=1] * [Target=0]	.
[Prime=1] * [Target=1]	.
[Session=1] * [Hemisphere=0] * [Prime=0]	,989452
[Session=1] * [Hemisphere=0] * [Prime=1]	.
[Session=1] * [Hemisphere=1] * [Prime=0]	.
[Session=1] * [Hemisphere=1] * [Prime=1]	.
[Session=3] * [Hemisphere=0] * [Prime=0]	.
[Session=3] * [Hemisphere=0] * [Prime=1]	.
[Session=3] * [Hemisphere=1] * [Prime=0]	.
[Session=3] * [Hemisphere=1] * [Prime=1]	.

Estimates of Fixed Effects[a]

Parameter	Estimate	Std. Error	df	t	Sig.	95% ...
						Lower Bound
[Session=1] * [Hemisphere=0] * [Target=0]	-,302650	,520939	179,599	-,581	,562	-1,330599
[Session=1] * [Hemisphere=0] * [Target=1]	0[b]	0	.	.	.	.
[Session=1] * [Hemisphere=1] * [Target=0]	0[b]	0	.	.	.	.
[Session=1] * [Hemisphere=1] * [Target=1]	0[b]	0	.	.	.	.
[Session=3] * [Hemisphere=0] * [Target=0]	0[b]	0	.	.	.	.
[Session=3] * [Hemisphere=0] * [Target=1]	0[b]	0	.	.	.	.
[Session=3] * [Hemisphere=1] * [Target=0]	0[b]	0	.	.	.	.
[Session=3] * [Hemisphere=1] * [Target=1]	0[b]	0	.	.	.	.
[Session=1] * [Prime=0] * [Target=0]	-,823081	,618545	225,842	-1,331	,185	-2,041938
[Session=1] * [Prime=0] * [Target=1]	0[b]	0	.	.	.	.
[Session=1] * [Prime=1] * [Target=0]	0[b]	0	.	.	.	.
[Session=1] * [Prime=1] * [Target=1]	0[b]	0	.	.	.	.
[Session=3] * [Prime=0] * [Target=0]	0[b]	0	.	.	.	.
[Session=3] * [Prime=0] * [Target=1]	0[b]	0	.	.	.	.
[Session=3] * [Prime=1] * [Target=0]	0[b]	0	.	.	.	.
[Session=3] * [Prime=1] * [Target=1]	0[b]	0	.	.	.	.
[Hemisphere=0] * [Prime=0] * [Target=0]	1,084437	,591814	201,648	1,832	,068	-,082501
[Hemisphere=0] * [Prime=0] * [Target=1]	0[b]	0	.	.	.	.

Estimates of Fixed Effects^a

Parameter	95% Confidence
	Upper Bound
[Session=1] * [Hemisphere=0] * [Target=0]	,725299
[Session=1] * [Hemisphere=0] * [Target=1]	.
[Session=1] * [Hemisphere=1] * [Target=0]	.
[Session=1] * [Hemisphere=1] * [Target=1]	.
[Session=3] * [Hemisphere=0] * [Target=0]	.
[Session=3] * [Hemisphere=0] * [Target=1]	.
[Session=3] * [Hemisphere=1] * [Target=0]	.
[Session=3] * [Hemisphere=1] * [Target=1]	.
[Session=1] * [Prime=0] * [Target=0]	,395775
[Session=1] * [Prime=0] * [Target=1]	.
[Session=1] * [Prime=1] * [Target=0]	.
[Session=1] * [Prime=1] * [Target=1]	.
[Session=3] * [Prime=0] * [Target=0]	.
[Session=3] * [Prime=0] * [Target=1]	.
[Session=3] * [Prime=1] * [Target=0]	.
[Session=3] * [Prime=1] * [Target=1]	.
[Hemisphere=0] * [Prime=0] * [Target=0]	2,251374
[Hemisphere=0] * [Prime=0] * [Target=1]	.

Estimates of Fixed Effects[a]

Parameter	Estimate	Std. Error	df	t	Sig.	95% ...
						Lower Bound
[Hemisphere=0] * [Prime=1] * [Target=0]	0[b]	0	.	.	.	.
[Hemisphere=0] * [Prime=1] * [Target=1]	0[b]	0	.	.	.	.
[Hemisphere=1] * [Prime=0] * [Target=0]	0[b]	0	.	.	.	.
[Hemisphere=1] * [Prime=0] * [Target=1]	0[b]	0	.	.	.	.
[Hemisphere=1] * [Prime=1] * [Target=0]	0[b]	0	.	.	.	.
[Hemisphere=1] * [Prime=1] * [Target=1]	0[b]	0	.	.	.	.
[Session=1] * [Hemisphere=0] * [Prime=0] * [Target=0]	-,870993	,790657	353,166	-1,102	,271	-2,425980
[Session=1] * [Hemisphere=0] * [Prime=0] * [Target=1]	0[b]	0	.	.	.	.
[Session=1] * [Hemisphere=0] * [Prime=1] * [Target=0]	0[b]	0	.	.	.	.
[Session=1] * [Hemisphere=0] * [Prime=1] * [Target=1]	0[b]	0	.	.	.	.
[Session=1] * [Hemisphere=1] * [Prime=0] * [Target=0]	0[b]	0	.	.	.	.
[Session=1] * [Hemisphere=1] * [Prime=0] * [Target=1]	0[b]	0	.	.	.	.
[Session=1] * [Hemisphere=1] * [Prime=1] * [Target=0]	0[b]	0	.	.	.	.
[Session=1] * [Hemisphere=1] * [Prime=1] * [Target=1]	0[b]	0	.	.	.	.
[Session=3] * [Hemisphere=0] * [Prime=0] * [Target=0]	0[b]	0	.	.	.	.
[Session=3] * [Hemisphere=0] * [Prime=0] * [Target=1]	0[b]	0	.	.	.	.

Estimates of Fixed Effects^a

Parameter	95% Confidence Upper Bound
[Hemisphere=0] * [Prime=1] * [Target=0]	.
[Hemisphere=0] * [Prime=1] * [Target=1]	.
[Hemisphere=1] * [Prime=0] * [Target=0]	.
[Hemisphere=1] * [Prime=0] * [Target=1]	.
[Hemisphere=1] * [Prime=1] * [Target=0]	.
[Hemisphere=1] * [Prime=1] * [Target=1]	.
[Session=1] * [Hemisphere=0] * [Prime=0] * [Target=0]	,683995
[Session=1] * [Hemisphere=0] * [Prime=0] * [Target=1]	.
[Session=1] * [Hemisphere=0] * [Prime=1] * [Target=0]	.
[Session=1] * [Hemisphere=0] * [Prime=1] * [Target=1]	.
[Session=1] * [Hemisphere=1] * [Prime=0] * [Target=0]	.
[Session=1] * [Hemisphere=1] * [Prime=0] * [Target=1]	.
[Session=1] * [Hemisphere=1] * [Prime=1] * [Target=0]	.
[Session=1] * [Hemisphere=1] * [Prime=1] * [Target=1]	.
[Session=3] * [Hemisphere=0] * [Prime=0] * [Target=0]	.
[Session=3] * [Hemisphere=0] * [Prime=0] * [Target=1]	.

Estimates of Fixed Effects[a]

Parameter	Estimate	Std. Error	df	t	Sig.	95% ...
						Lower Bound
[Session=3] * [Hemisphere=0] * [Prime=1] * [Target=0]	0[b]	0	.	.	.	.
[Session=3] * [Hemisphere=0] * [Prime=1] * [Target=1]	0[b]	0	.	.	.	.
[Session=3] * [Hemisphere=1] * [Prime=0] * [Target=0]	0[b]	0	.	.	.	.
[Session=3] * [Hemisphere=1] * [Prime=0] * [Target=1]	0[b]	0	.	.	.	.
[Session=3] * [Hemisphere=1] * [Prime=1] * [Target=0]	0[b]	0	.	.	.	.
[Session=3] * [Hemisphere=1] * [Prime=1] * [Target=1]	0[b]	0	.	.	.	.
Visual_Component	,260698	,147962	126,361	1,762	,081	-,032106
[Hemisphere=0] * Visual_Component	,536348	,172981	314,177	3,101	,002	,196001
[Hemisphere=1] * Visual_Component	0[b]	0	.	.	.	.
[Target=0] * Visual_Component	,283642	,173253	319,729	1,637	,103	-,057219
[Target=1] * Visual_Component	0[b]	0	.	.	.	.

Estimates of Fixed Effects[a]

Parameter	95% Confidence Upper Bound
[Session=3] * [Hemisphere=0] * [Prime=1] * [Target=0]	.
[Session=3] * [Hemisphere=0] * [Prime=1] * [Target=1]	.
[Session=3] * [Hemisphere=1] * [Prime=0] * [Target=0]	.
[Session=3] * [Hemisphere=1] * [Prime=0] * [Target=1]	.
[Session=3] * [Hemisphere=1] * [Prime=1] * [Target=0]	.
[Session=3] * [Hemisphere=1] * [Prime=1] * [Target=1]	.
Visual_Component	,553501
[Hemisphere=0] * Visual_Component	,876695
[Hemisphere=1] * Visual_Component	.
[Target=0] * Visual_Component	,624502
[Target=1] * Visual_Component	.

a. Dependent Variable: Numeric_Component.

b. This parameter is set to zero because it is redundant.

Covariance Parameters

Estimates of Covariance Parameters[a]

Parameter		Estimate	Std. Error
Repeated Measures	Var: [Session=1]*[Hemisphere=0]*[Prime=0]*[Target=0]	1,498770	,424975
	Var: [Session=1]*[Hemisphere=0]*[Prime=0]*[Target=1]	,848049	,242232
	Var: [Session=1]*[Hemisphere=0]*[Prime=1]*[Target=0]	,360914	,102301
	Var: [Session=1]*[Hemisphere=0]*[Prime=1]*[Target=1]	1,125861	,318348
	Var: [Session=1]*[Hemisphere=1]*[Prime=0]*[Target=0]	,936885	,264200
	Var: [Session=1]*[Hemisphere=1]*[Prime=0]*[Target=1]	1,281372	,364474
	Var: [Session=1]*[Hemisphere=1]*[Prime=1]*[Target=0]	,674306	,190721
	Var: [Session=1]*[Hemisphere=1]*[Prime=1]*[Target=1]	,529012	,149160
	Var: [Session=3]*[Hemisphere=0]*[Prime=0]*[Target=0]	1,088192	,307825
	Var: [Session=3]*[Hemisphere=0]*[Prime=0]*[Target=1]	1,063678	,298636
	Var: [Session=3]*[Hemisphere=0]*[Prime=1]*[Target=0]	1,008658	,288986
	Var: [Session=3]*[Hemisphere=0]*[Prime=1]*[Target=1]	1,013662	,284601
	Var: [Session=3]*[Hemisphere=1]*[Prime=0]*[Target=0]	1,231422	,347126
	Var: [Session=3]*[Hemisphere=1]*[Prime=0]*[Target=1]	1,093965	,309224
	Var: [Session=3]*[Hemisphere=1]*[Prime=1]*[Target=0]	1,024935	,296056
	Var: [Session=3]*[Hemisphere=1]*[Prime=1]*[Target=1]	1,095459	,311103
	CSH rho	,029717	,026135

a. Dependent Variable: Numeric_Component.

```
MIXED Numeric_Component BY Session Hemisphere Prime Target WITH Visual_Comp
onent
  /CRITERIA=CIN(95) MXITER(100) MXSTEP(10) SCORING(1) SINGULAR(0.0000000000
01) HCONVERGE(0,
    ABSOLUTE) LCONVERGE(0, ABSOLUTE) PCONVERGE(0.000001, ABSOLUTE)
  /FIXED=Session Hemisphere Prime Target Session*Hemisphere Session*Prime S
ession*Target
    Hemisphere*Prime Hemisphere*Target Prime*Target Session*Hemisphere*Prim
e Session*Hemisphere*Target
    Session*Prime*Target Hemisphere*Prime*Target Session*Hemisphere*Prime*T
arget
    Visual_Component
    Hemisphere*Visual_Component
      | SSTYPE(3)
  /METHOD=ML
  /PRINT=SOLUTION
  /REPEATED=Session*Hemisphere*Prime*Target | SUBJECT(PP) COVTYPE(CSH).
```

Mixed Model Analysis

Model Dimension[a]

		Number of Levels	Covariance Structure	Number of Parameters
Fixed Effects	Intercept	1		1
	Session	2		1
	Hemisphere	2		1
	Prime	2		1
	Target	2		1
	Session * Hemisphere	4		1
	Session * Prime	4		1
	Session * Target	4		1
	Hemisphere * Prime	4		1
	Hemisphere * Target	4		1
	Prime * Target	4		1
	Session * Hemisphere * Prime	8		1
	Session * Hemisphere * Target	8		1
	Session * Prime * Target	8		1
	Hemisphere * Prime * Target	8		1
	Session * Hemisphere * Prime * Target	16		1
	Visual_Component	1		1
	Hemisphere * Visual_Component	2		1
Repeated Effects	Session * Hemisphere * Prime * Target	16	Heterogeneous Compound Symmetry	17
Total		100		35

Model Dimension[a]

		Subject Variables	Number of Subjects
Fixed Effects	Intercept		
	Session		
	Hemisphere		
	Prime		
	Target		
	Session * Hemisphere		
	Session * Prime		
	Session * Target		
	Hemisphere * Prime		
	Hemisphere * Target		
	Prime * Target		
	Session * Hemisphere * Prime		
	Session * Hemisphere * Target		
	Session * Prime * Target		
	Hemisphere * Prime * Target		
	Session * Hemisphere * Prime * Target		
	Visual_Component		
	Hemisphere * Visual_Component		
Repeated Effects	Session * Hemisphere * Prime * Target	PP	25
Total			

a. Dependent Variable: Numeric_Component.

Information Criteria[a]

-2 Log Likelihood	1112,489
Akaike's Information Criterion (AIC)	1182,489
Hurvich and Tsai's Criterion (AICC)	1189,412
Bozdogan's Criterion (CAIC)	1357,190
Schwarz's Bayesian Criterion (BIC)	1322,190

The information criteria are displayed in smaller-is-better form.

a. Dependent Variable: Numeric_Component.

Fixed Effects

Type III Tests of Fixed Effects[a]

Source	Numerator df	Denominator df	F	Sig.
Intercept	1	308,690	350,149	,000
Session	1	368,637	16,171	,000
Hemisphere	1	298,452	3,636	,058
Prime	1	371,211	2,409	,121
Target	1	375,989	1,053	,306
Session * Hemisphere	1	365,924	,267	,606
Session * Prime	1	379,152	3,434	,065
Session * Target	1	354,831	13,028	,000
Hemisphere * Prime	1	363,568	9,143	,003
Hemisphere * Target	1	371,673	,122	,727
Prime * Target	1	356,408	5,720	,017
Session * Hemisphere * Prime	1	374,859	1,807	,180
Session * Hemisphere * Target	1	355,036	3,537	,061
Session * Prime * Target	1	351,357	4,509	,034
Hemisphere * Prime * Target	1	357,264	2,570	,110
Session * Hemisphere * Prime * Target	1	352,682	1,400	,238
Visual_Component	1	310,327	60,451	,000
Hemisphere * Visual_Component	1	304,470	10,084	,002

a. Dependent Variable: Numeric_Component.

Estimates of Fixed Effects[a]

Parameter	Estimate	Std. Error	df	t	Sig.	95% ...
						Lower Bound
Intercept	5,139629	,328222	92,878	15,659	,000	4,487834
[Session=1]	-,210965	,253179	42,990	-,833	,409	-,721552
[Session=3]	0[b]	0	.	.	.	.
[Hemisphere=0]	,518181	,484486	193,517	1,070	,286	-,437369
[Hemisphere=1]	0[b]	0	.	.	.	.
[Prime=0]	,141794	,368007	94,297	,385	,701	-,588862
[Prime=1]	0[b]	0	.	.	.	.
[Target=0]	-,147096	,298731	54,553	-,492	,624	-,745876
[Target=1]	0[b]	0	.	.	.	.
[Session=1] * [Hemisphere=0]	,569184	,384748	92,341	1,479	,142	-,194922
[Session=1] * [Hemisphere=1]	0[b]	0				
[Session=3] * [Hemisphere=0]	0[b]	0				
[Session=3] * [Hemisphere=1]	0[b]	0				.
[Session=1] * [Prime=0]	,065519	,433501	109,433	,151	,880	-,793629
[Session=1] * [Prime=1]	0[b]	0	.	.	.	.
[Session=3] * [Prime=0]	0[b]	0	.	.	.	.
[Session=3] * [Prime=1]	0[b]	0	.	.	.	.
[Session=1] * [Target=0]	1,288155	,366943	93,994	3,511	,001	,559580
[Session=1] * [Target=1]	0[b]	0	.	.	.	.
[Session=3] * [Target=0]	0[b]	0	.	.	.	.
[Session=3] * [Target=1]	0[b]	0	.	.	.	.
[Hemisphere=0] * [Prime=0]	,700375	,511511	175,903	1,369	,173	-,309113
[Hemisphere=0] * [Prime=1]	0[b]	0	.	.	.	.
[Hemisphere=1] * [Prime=0]	0[b]	0	.	.	.	.
[Hemisphere=1] * [Prime=1]	0[b]	0	.	.	.	.
[Hemisphere=0] * [Target=0]	-,084089	,421669	114,171	-,199	,842	-,919398
[Hemisphere=0] * [Target=1]	0[b]	0	.	.	.	.
[Hemisphere=1] * [Target=0]	0[b]	0	.	.	.	.

Estimates of Fixed Effects^a

Parameter	95% Confidence
	Upper Bound
Intercept	5,791424
[Session=1]	,299622
[Session=3]	.
[Hemisphere=0]	1,473732
[Hemisphere=1]	.
[Prime=0]	,872450
[Prime=1]	.
[Target=0]	,451684
[Target=1]	.
[Session=1] * [Hemisphere=0]	1,333290
[Session=1] * [Hemisphere=1]	.
[Session=3] * [Hemisphere=0]	.
[Session=3] * [Hemisphere=1]	.
[Session=1] * [Prime=0]	,924667
[Session=1] * [Prime=1]	.
[Session=3] * [Prime=0]	.
[Session=3] * [Prime=1]	.
[Session=1] * [Target=0]	2,016729
[Session=1] * [Target=1]	.
[Session=3] * [Target=0]	.
[Session=3] * [Target=1]	.
[Hemisphere=0] * [Prime=0]	1,709862
[Hemisphere=0] * [Prime=1]	.
[Hemisphere=1] * [Prime=0]	.
[Hemisphere=1] * [Prime=1]	.
[Hemisphere=0] * [Target=0]	,751220
[Hemisphere=0] * [Target=1]	.
[Hemisphere=1] * [Target=0]	.

Estimates of Fixed Effects^a

Parameter	Estimate	Std. Error	df	t	Sig.	95% ... Lower Bound
[Hemisphere=1] * [Target=1]	0^b	0	.	.	.	.
[Prime=0] * [Target=0]	-,620574	,427123	102,938	-1,453	,149	-1,467679
[Prime=0] * [Target=1]	0^b	0	.	.	.	.
[Prime=1] * [Target=0]	0^b	0	.	.	.	.
[Prime=1] * [Target=1]	0^b	0	.	.	.	.
[Session=1] * [Hemisphere=0] * [Prime=0]	-,163427	,603490	212,869	-,271	,787	-1,353009
[Session=1] * [Hemisphere=0] * [Prime=1]	0^b	0	.	.	.	.
[Session=1] * [Hemisphere=1] * [Prime=0]	0^b	0	.	.	.	.
[Session=1] * [Hemisphere=1] * [Prime=1]	0^b	0	.	.	.	.
[Session=3] * [Hemisphere=0] * [Prime=0]	0^b	0	.	.	.	.
[Session=3] * [Hemisphere=0] * [Prime=1]	0^b	0	.	.	.	.
[Session=3] * [Hemisphere=1] * [Prime=0]	0^b	0	.	.	.	.
[Session=3] * [Hemisphere=1] * [Prime=1]	0^b	0	.	.	.	.
[Session=1] * [Hemisphere=0] * [Target=0]	-,286525	,519506	180,311	-,552	,582	-1,311618
[Session=1] * [Hemisphere=0] * [Target=1]	0^b	0	.	.	.	.
[Session=1] * [Hemisphere=1] * [Target=0]	0^b	0	.	.	.	.
[Session=1] * [Hemisphere=1] * [Target=1]	0^b	0	.	.	.	.

Estimates of Fixed Effects^a

Parameter	95% Confidence
	Upper Bound
[Hemisphere=1] * [Target=1]	.
[Prime=0] * [Target=0]	,226530
[Prime=0] * [Target=1]	.
[Prime=1] * [Target=0]	.
[Prime=1] * [Target=1]	.
[Session=1] * [Hemisphere=0] * [Prime=0]	1,026156
[Session=1] * [Hemisphere=0] * [Prime=1]	.
[Session=1] * [Hemisphere=1] * [Prime=0]	.
[Session=1] * [Hemisphere=1] * [Prime=1]	.
[Session=3] * [Hemisphere=0] * [Prime=0]	.
[Session=3] * [Hemisphere=0] * [Prime=1]	.
[Session=3] * [Hemisphere=1] * [Prime=0]	.
[Session=3] * [Hemisphere=1] * [Prime=1]	.
[Session=1] * [Hemisphere=0] * [Target=0]	,738568
[Session=1] * [Hemisphere=0] * [Target=1]	.
[Session=1] * [Hemisphere=1] * [Target=0]	.
[Session=1] * [Hemisphere=1] * [Target=1]	.

Estimates of Fixed Effects[a]

Parameter	Estimate	Std. Error	df	t	Sig.	95% ... Lower Bound
[Session=3] * [Hemisphere=0] * [Target=0]	0[b]	0	.	.	.	.
[Session=3] * [Hemisphere=0] * [Target=1]	0[b]	0	.	.	.	.
[Session=3] * [Hemisphere=1] * [Target=0]	0[b]	0	.	.	.	.
[Session=3] * [Hemisphere=1] * [Target=1]	0[b]	0	.	.	.	.
[Session=1] * [Prime=0] * [Target=0]	-,371722	,557218	182,894	-,667	,506	-1,471124
[Session=1] * [Prime=0] * [Target=1]	0[b]	0	.	.	.	.
[Session=1] * [Prime=1] * [Target=0]	0[b]	0	.	.	.	.
[Session=1] * [Prime=1] * [Target=1]	0[b]	0	.	.	.	.
[Session=3] * [Prime=0] * [Target=0]	0[b]	0	.	.	.	.
[Session=3] * [Prime=0] * [Target=1]	0[b]	0	.	.	.	.
[Session=3] * [Prime=1] * [Target=0]	0[b]	0	.	.	.	.
[Session=3] * [Prime=1] * [Target=1]	0[b]	0	.	.	.	.
[Hemisphere=0] * [Prime=0] * [Target=0]	1,116044	,593129	201,451	1,882	,061	-,053493
[Hemisphere=0] * [Prime=0] * [Target=1]	0[b]	0	.	.	.	.
[Hemisphere=0] * [Prime=1] * [Target=0]	0[b]	0	.	.	.	.
[Hemisphere=0] * [Prime=1] * [Target=1]	0[b]	0	.	.	.	.
[Hemisphere=1] * [Prime=0] * [Target=0]	0[b]	0	.	.	.	.
[Hemisphere=1] * [Prime=0] * [Target=1]	0[b]	0	.	.	.	.
[Hemisphere=1] * [Prime=1] * [Target=0]	0[b]	0	.	.	.	.

Estimates of Fixed Effects[a]

Parameter	95% Confidence Upper Bound
[Session=3] * [Hemisphere=0] * [Target=0]	.
[Session=3] * [Hemisphere=0] * [Target=1]	.
[Session=3] * [Hemisphere=1] * [Target=0]	.
[Session=3] * [Hemisphere=1] * [Target=1]	.
[Session=1] * [Prime=0] * [Target=0]	,727680
[Session=1] * [Prime=0] * [Target=1]	.
[Session=1] * [Prime=1] * [Target=0]	.
[Session=1] * [Prime=1] * [Target=1]	.
[Session=3] * [Prime=0] * [Target=0]	.
[Session=3] * [Prime=0] * [Target=1]	.
[Session=3] * [Prime=1] * [Target=0]	.
[Session=3] * [Prime=1] * [Target=1]	.
[Hemisphere=0] * [Prime=0] * [Target=0]	2,285581
[Hemisphere=0] * [Prime=0] * [Target=1]	.
[Hemisphere=0] * [Prime=1] * [Target=0]	.
[Hemisphere=0] * [Prime=1] * [Target=1]	.
[Hemisphere=1] * [Prime=0] * [Target=0]	.
[Hemisphere=1] * [Prime=0] * [Target=1]	.
[Hemisphere=1] * [Prime=1] * [Target=0]	.

Estimates of Fixed Effects^a

Parameter	Estimate	Std. Error	df	t	Sig.	95% ... Lower Bound
[Hemisphere=1] * [Prime=1] * [Target=1]	0^b	0	.	.	.	.
[Session=1] * [Hemisphere=0] * [Prime=0] * [Target=0]	-,937400	,792370	352,682	-1,183	,238	-2,495764
[Session=1] * [Hemisphere=0] * [Prime=0] * [Target=1]	0^b	0	.	.	.	.
[Session=1] * [Hemisphere=0] * [Prime=1] * [Target=0]	0^b	0	.	.	.	.
[Session=1] * [Hemisphere=0] * [Prime=1] * [Target=1]	0^b	0	.	.	.	.
[Session=1] * [Hemisphere=1] * [Prime=0] * [Target=0]	0^b	0	.	.	.	.
[Session=1] * [Hemisphere=1] * [Prime=0] * [Target=1]	0^b	0	.	.	.	.
[Session=1] * [Hemisphere=1] * [Prime=1] * [Target=0]	0^b	0	.	.	.	.
[Session=1] * [Hemisphere=1] * [Prime=1] * [Target=1]	0^b	0	.	.	.	.
[Session=3] * [Hemisphere=0] * [Prime=0] * [Target=0]	0^b	0	.	.	.	.
[Session=3] * [Hemisphere=0] * [Prime=0] * [Target=1]	0^b	0	.	.	.	.
[Session=3] * [Hemisphere=0] * [Prime=1] * [Target=0]	0^b	0	.	.	.	.
[Session=3] * [Hemisphere=0] * [Prime=1] * [Target=1]	0^b	0	.	.	.	.
[Session=3] * [Hemisphere=1] * [Prime=0] * [Target=0]	0^b	0	.	.	.	.
[Session=3] * [Hemisphere=1] * [Prime=0] * [Target=1]	0^b	0	.	.	.	.

Estimates of Fixed Effects^a

Parameter	95% Confidence Upper Bound
[Hemisphere=1] * [Prime=1] * [Target=1]	.
[Session=1] * [Hemisphere=0] * [Prime=0] * [Target=0]	,620965
[Session=1] * [Hemisphere=0] * [Prime=0] * [Target=1]	.
[Session=1] * [Hemisphere=0] * [Prime=1] * [Target=0]	.
[Session=1] * [Hemisphere=0] * [Prime=1] * [Target=1]	.
[Session=1] * [Hemisphere=1] * [Prime=0] * [Target=0]	.
[Session=1] * [Hemisphere=1] * [Prime=0] * [Target=1]	.
[Session=1] * [Hemisphere=1] * [Prime=1] * [Target=0]	.
[Session=1] * [Hemisphere=1] * [Prime=1] * [Target=1]	.
[Session=3] * [Hemisphere=0] * [Prime=0] * [Target=0]	.
[Session=3] * [Hemisphere=0] * [Prime=0] * [Target=1]	.
[Session=3] * [Hemisphere=0] * [Prime=1] * [Target=0]	.
[Session=3] * [Hemisphere=0] * [Prime=1] * [Target=1]	.
[Session=3] * [Hemisphere=1] * [Prime=0] * [Target=0]	.
[Session=3] * [Hemisphere=1] * [Prime=0] * [Target=1]	.

Estimates of Fixed Effects[a]

Parameter	Estimate	Std. Error	df	t	Sig.	95% ... Lower Bound
[Session=3] * [Hemisphere=1] * [Prime=1] * [Target=0]	0[b]	0	.	.	.	.
[Session=3] * [Hemisphere=1] * [Prime=1] * [Target=1]	0[b]	0	.	.	.	.
Visual_Component	,400414	,120737	166,579	3,316	,001	,162043
[Hemisphere=0] * Visual_Component	,549718	,173115	304,470	3,175	,002	,209066
[Hemisphere=1] * Visual_Component	0[b]	0	.	.	.	.

Estimates of Fixed Effects[a]

Parameter	95% Confidence Upper Bound
[Session=3] * [Hemisphere=1] * [Prime=1] * [Target=0]	.
[Session=3] * [Hemisphere=1] * [Prime=1] * [Target=1]	.
Visual_Component	,638786
[Hemisphere=0] * Visual_Component	,890371
[Hemisphere=1] * Visual_Component	.

a. Dependent Variable: Numeric_Component.

b. This parameter is set to zero because it is redundant.

Covariance Parameters

Estimates of Covariance Parameters[a]

Parameter		Estimate	Std. Error
Repeated Measures	Var: [Session=1]* [Hemisphere=0]*[Prime=0]* [Target=0]	1,516057	,429970
	Var: [Session=1]* [Hemisphere=0]*[Prime=0]* [Target=1]	,877121	,250857
	Var: [Session=1]* [Hemisphere=0]*[Prime=1]* [Target=0]	,367918	,104929
	Var: [Session=1]* [Hemisphere=0]*[Prime=1]* [Target=1]	1,114997	,314675
	Var: [Session=1]* [Hemisphere=1]*[Prime=0]* [Target=0]	,959937	,271307
	Var: [Session=1]* [Hemisphere=1]*[Prime=0]* [Target=1]	1,299108	,369599
	Var: [Session=1]* [Hemisphere=1]*[Prime=1]* [Target=0]	,670215	,189423
	Var: [Session=1]* [Hemisphere=1]*[Prime=1]* [Target=1]	,518716	,145242
	Var: [Session=3]* [Hemisphere=0]*[Prime=0]* [Target=0]	1,104725	,312514
	Var: [Session=3]* [Hemisphere=0]*[Prime=0]* [Target=1]	1,064024	,298741
	Var: [Session=3]* [Hemisphere=0]*[Prime=1]* [Target=0]	,979166	,278979
	Var: [Session=3]* [Hemisphere=0]*[Prime=1]* [Target=1]	1,003716	,281160
	Var: [Session=3]* [Hemisphere=1]*[Prime=0]* [Target=0]	1,273007	,359166
	Var: [Session=3]* [Hemisphere=1]*[Prime=0]* [Target=1]	1,104031	,312443
	Var: [Session=3]* [Hemisphere=1]*[Prime=1]* [Target=0]	1,016095	,292445
	Var: [Session=3]* [Hemisphere=1]*[Prime=1]* [Target=1]	1,130464	,321103
	CSH rho	,030505	,026284

```
MIXED Numeric_Component BY Session Hemisphere Prime Target WITH Visual_Comp
onent
  /CRITERIA=CIN(95) MXITER(100) MXSTEP(10) SCORING(1) SINGULAR(0.0000000000
01) HCONVERGE(0,
    ABSOLUTE) LCONVERGE(0, ABSOLUTE) PCONVERGE(0.000001, ABSOLUTE)
  /FIXED=Session Hemisphere Prime Target Session*Hemisphere Session*Prime S
ession*Target
    Hemisphere*Prime Hemisphere*Target Prime*Target Session*Hemisphere*Prim
e Session*Hemisphere*Target
    Session*Prime*Target Hemisphere*Prime*Target
    Visual_Component Hemisphere*Visual_Component | SSTYPE(3)
  /METHOD=ML
  /PRINT=SOLUTION
  /REPEATED=Session*Hemisphere*Prime*Target | SUBJECT(PP) COVTYPE(CSH).
```

Mixed Model Analysis

Model Dimension[a]

		Number of Levels	Covariance Structure	Number of Parameters
Fixed Effects	Intercept	1		1
	Session	2		1

Model Dimension[a]

		Subject Variables	Number of Subjects
Fixed Effects	Intercept		
	Session		

Model Dimension[a]

		Number of Levels	Covariance Structure	Number of Parameters
	Hemisphere	2		1
	Prime	2		1
	Target	2		1
	Session * Hemisphere	4		1
	Session * Prime	4		1
	Session * Target	4		1
	Hemisphere * Prime	4		1
	Hemisphere * Target	4		1
	Prime * Target	4		1
	Session * Hemisphere * Prime	8		1
	Session * Hemisphere * Target	8		1
	Session * Prime * Target	8		1
	Hemisphere * Prime * Target	8		1
	Visual_Component	1		1
	Hemisphere * Visual_Component	2		1
Repeated Effects	Session * Hemisphere * Prime * Target	16	Heterogeneous Compound Symmetry	17
Total		84		34

Model Dimension[a]

		Subject Variables	Number of Subjects
	Hemisphere		
	Prime		
	Target		
	Session * Hemisphere		
	Session * Prime		
	Session * Target		
	Hemisphere * Prime		
	Hemisphere * Target		
	Prime * Target		
	Session * Hemisphere * Prime		
	Session * Hemisphere * Target		
	Session * Prime * Target		
	Hemisphere * Prime * Target		
	Visual_Component		
	Hemisphere * Visual_Component		
Repeated Effects	Session * Hemisphere * Prime * Target	PP	25
Total			

a. Dependent Variable: Numeric_Component.

Information Criteria[a]

-2 Log Likelihood	1113,885
Akaike's Information Criterion (AIC)	1181,885
Hurvich and Tsai's Criterion (AICC)	1188,406
Bozdogan's Criterion (CAIC)	1351,595
Schwarz's Bayesian Criterion (BIC)	1317,595

The information criteria are displayed in smaller-is-better form.

a. Dependent Variable: Numeric_Component.

Fixed Effects

Type III Tests of Fixed Effects[a]

Source	Numerator df	Denominator df	F	Sig.
Intercept	1	308,966	348,503	,000
Session	1	359,998	17,315	,000
Hemisphere	1	299,964	3,250	,072
Prime	1	369,363	2,330	,128
Target	1	375,691	,995	,319
Session * Hemisphere	1	360,647	,419	,518
Session * Prime	1	378,848	3,340	,068
Session * Target	1	354,395	13,028	,000
Hemisphere * Prime	1	359,083	8,550	,004
Hemisphere * Target	1	371,597	,124	,725
Prime * Target	1	356,420	5,459	,020
Session * Hemisphere * Prime	1	373,238	1,680	,196
Session * Hemisphere * Target	1	346,284	2,949	,087
Session * Prime * Target	1	351,179	4,442	,036
Hemisphere * Prime * Target	1	345,631	2,218	,137
Visual_Component	1	310,528	59,705	,000
Hemisphere * Visual_Component	1	306,030	9,423	,002

a. Dependent Variable: Numeric_Component.

Estimates of Fixed Effects[a]

Parameter	Estimate	Std. Error	df	t	Sig.	95% ... Lower Bound
Intercept	5,220664	,321771	109,047	16,225	,000	4,582927
[Session=1]	-,307107	,240314	52,812	-1,278	,207	-,789156
[Session=3]	0[b]	0	.	.	.	.
[Hemisphere=0]	,349171	,464290	247,625	,752	,453	-,565290
[Hemisphere=1]	0[b]	0	.	.	.	.
[Prime=0]	,024096	,354920	121,714	,068	,946	-,678520
[Prime=1]	0[b]	0	.	.	.	.
[Target=0]	-,267393	,281449	71,750	-,950	,345	-,828485
[Target=1]	0[b]	0	.	.	.	.
[Session=1] * [Hemisphere=0]	,783690	,339995	148,911	2,305	,023	,111852
[Session=1] * [Hemisphere=1]	0[b]	0		.	.	.
[Session=3] * [Hemisphere=0]	0[b]	0		.	.	.
[Session=3] * [Hemisphere=1]	0[b]	0		.	.	.
[Session=1] * [Prime=0]	,291813	,389700	174,739	,749	,455	-,477311
[Session=1] * [Prime=1]	0[b]	0	.	.	.	.
[Session=3] * [Prime=0]	0[b]	0	.	.	.	.
[Session=3] * [Prime=1]	0[b]	0	.	.	.	.
[Session=1] * [Target=0]	1,485373	,327553	145,049	4,535	,000	,837980
[Session=1] * [Target=1]	0[b]	0	.	.	.	.
[Session=3] * [Target=0]	0[b]	0	.	.	.	.
[Session=3] * [Target=1]	0[b]	0	.	.	.	.
[Hemisphere=0] * [Prime=0]	,914864	,478782	260,300	1,911	,057	-,027915
[Hemisphere=0] * [Prime=1]	0[b]	0	.	.	.	.
[Hemisphere=1] * [Prime=0]	0[b]	0	.	.	.	.
[Hemisphere=1] * [Prime=1]	0[b]	0	.	.	.	.
[Hemisphere=0] * [Target=0]	,139249	,377396	188,756	,369	,713	-,605206
[Hemisphere=0] * [Target=1]	0[b]	0	.	.	.	.
[Hemisphere=1] * [Target=0]	0[b]	0	.	.	.	.

Estimates of Fixed Effects[a]

Parameter	95% Confidence Upper Bound
Intercept	5,858401
[Session=1]	,174943
[Session=3]	.
[Hemisphere=0]	1,263633
[Hemisphere=1]	.
[Prime=0]	,726712
[Prime=1]	.
[Target=0]	,293699
[Target=1]	.
[Session=1] * [Hemisphere=0]	1,455529
[Session=1] * [Hemisphere=1]	.
[Session=3] * [Hemisphere=0]	.
[Session=3] * [Hemisphere=1]	.
[Session=1] * [Prime=0]	1,060937
[Session=1] * [Prime=1]	.
[Session=3] * [Prime=0]	.
[Session=3] * [Prime=1]	.
[Session=1] * [Target=0]	2,132765
[Session=1] * [Target=1]	.
[Session=3] * [Target=0]	.
[Session=3] * [Target=1]	.
[Hemisphere=0] * [Prime=0]	1,857644
[Hemisphere=0] * [Prime=1]	.
[Hemisphere=1] * [Prime=0]	.
[Hemisphere=1] * [Prime=1]	.
[Hemisphere=0] * [Target=0]	,883705
[Hemisphere=0] * [Target=1]	.
[Hemisphere=1] * [Target=0]	.

Estimates of Fixed Effects[a]

Parameter	Estimate	Std. Error	df	t	Sig.	95% ... Lower Bound
[Hemisphere=1] * [Target=1]	0[b]	0	.	.	.	.
[Prime=0] * [Target=0]	-,353968	,363655	186,025	-,973	,332	-1,071385
[Prime=0] * [Target=1]	0[b]	0	.	.	.	.
[Prime=1] * [Target=0]	0[b]	0	.	.	.	.
[Prime=1] * [Target=1]	0[b]	0	.	.	.	.
[Session=1] * [Hemisphere=0] * [Prime=0]	-,610199	,470846	373,238	-1,296	,196	-1,536043
[Session=1] * [Hemisphere=0] * [Prime=1]	0[b]	0	.	.	.	.
[Session=1] * [Hemisphere=1] * [Prime=0]	0[b]	0	.	.	.	.
[Session=1] * [Hemisphere=1] * [Prime=1]	0[b]	0	.	.	.	.
[Session=3] * [Hemisphere=0] * [Prime=0]	0[b]	0	.	.	.	.
[Session=3] * [Hemisphere=0] * [Prime=1]	0[b]	0	.	.	.	.
[Session=3] * [Hemisphere=1] * [Prime=0]	0[b]	0	.	.	.	.
[Session=3] * [Hemisphere=1] * [Prime=1]	0[b]	0	.	.	.	.
[Session=1] * [Hemisphere=0] * [Target=0]	-,682903	,397667	346,284	-1,717	,087	-1,465051
[Session=1] * [Hemisphere=0] * [Target=1]	0[b]	0	.	.	.	.
[Session=1] * [Hemisphere=1] * [Target=0]	0[b]	0	.	.	.	.
[Session=1] * [Hemisphere=1] * [Target=1]	0[b]	0	.	.	.	.

Estimates of Fixed Effects^a

Parameter	95% Confidence
	Upper Bound
[Hemisphere=1] * [Target=1]	.
[Prime=0] * [Target=0]	,363450
[Prime=0] * [Target=1]	.
[Prime=1] * [Target=0]	.
[Prime=1] * [Target=1]	.
[Session=1] * [Hemisphere=0] * [Prime=0]	,315646
[Session=1] * [Hemisphere=0] * [Prime=1]	.
[Session=1] * [Hemisphere=1] * [Prime=0]	.
[Session=1] * [Hemisphere=1] * [Prime=1]	.
[Session=3] * [Hemisphere=0] * [Prime=0]	.
[Session=3] * [Hemisphere=0] * [Prime=1]	.
[Session=3] * [Hemisphere=1] * [Prime=0]	.
[Session=3] * [Hemisphere=1] * [Prime=1]	.
[Session=1] * [Hemisphere=0] * [Target=0]	,099244
[Session=1] * [Hemisphere=0] * [Target=1]	.
[Session=1] * [Hemisphere=1] * [Target=0]	.
[Session=1] * [Hemisphere=1] * [Target=1]	.

Estimates of Fixed Effects^a

Parameter	Estimate	Std. Error	df	t	Sig.	95% ... Lower Bound
[Session=3] * [Hemisphere=0] * [Target=0]	0^b	0	.	.	.	.
[Session=3] * [Hemisphere=0] * [Target=1]	0^b	0	.	.	.	.
[Session=3] * [Hemisphere=1] * [Target=0]	0^b	0	.	.	.	.
[Session=3] * [Hemisphere=1] * [Target=1]	0^b	0	.	.	.	.
[Session=1] * [Prime=0] * [Target=0]	-,835696	,396517	351,179	-2,108	,036	-1,615542
[Session=1] * [Prime=0] * [Target=1]	0^b	0	.	.	.	.
[Session=1] * [Prime=1] * [Target=0]	0^b	0	.	.	.	.
[Session=1] * [Prime=1] * [Target=1]	0^b	0	.	.	.	.
[Session=3] * [Prime=0] * [Target=0]	0^b	0	.	.	.	.
[Session=3] * [Prime=0] * [Target=1]	0^b	0	.	.	.	.
[Session=3] * [Prime=1] * [Target=0]	0^b	0	.	.	.	.
[Session=3] * [Prime=1] * [Target=1]	0^b	0	.	.	.	.
[Hemisphere=0] * [Prime=0] * [Target=0]	,599553	,402571	345,631	1,489	,137	-,192245
[Hemisphere=0] * [Prime=0] * [Target=1]	0^b	0	.	.	.	.
[Hemisphere=0] * [Prime=1] * [Target=0]	0^b	0	.	.	.	.
[Hemisphere=0] * [Prime=1] * [Target=1]	0^b	0	.	.	.	.
[Hemisphere=1] * [Prime=0] * [Target=0]	0^b	0	.	.	.	.
[Hemisphere=1] * [Prime=0] * [Target=1]	0^b	0	.	.	.	.
[Hemisphere=1] * [Prime=1] * [Target=0]	0^b	0	.	.	.	.
[Hemisphere=1] * [Prime=1] * [Target=1]	0^b	0	.	.	.	.

Estimates of Fixed Effects[a]

Parameter	95% Confidence Upper Bound
[Session=3] * [Hemisphere=0] * [Target=0]	.
[Session=3] * [Hemisphere=0] * [Target=1]	.
[Session=3] * [Hemisphere=1] * [Target=0]	.
[Session=3] * [Hemisphere=1] * [Target=1]	.
[Session=1] * [Prime=0] * [Target=0]	-,055849
[Session=1] * [Prime=0] * [Target=1]	.
[Session=1] * [Prime=1] * [Target=0]	.
[Session=1] * [Prime=1] * [Target=1]	.
[Session=3] * [Prime=0] * [Target=0]	.
[Session=3] * [Prime=0] * [Target=1]	.
[Session=3] * [Prime=1] * [Target=0]	.
[Session=3] * [Prime=1] * [Target=1]	.
[Hemisphere=0] * [Prime=0] * [Target=0]	1,391350
[Hemisphere=0] * [Prime=0] * [Target=1]	.
[Hemisphere=0] * [Prime=1] * [Target=0]	.
[Hemisphere=0] * [Prime=1] * [Target=1]	.
[Hemisphere=1] * [Prime=0] * [Target=0]	.
[Hemisphere=1] * [Prime=0] * [Target=1]	.
[Hemisphere=1] * [Prime=1] * [Target=0]	.
[Hemisphere=1] * [Prime=1] * [Target=1]	.

Estimates of Fixed Effects[a]

						95% ...
Parameter	Estimate	Std. Error	df	t	Sig.	Lower Bound
Visual_Component	,406866	,120814	166,318	3,368	,001	,168339
[Hemisphere=0] * Visual_Component	,530027	,172669	306,030	3,070	,002	,190258
[Hemisphere=1] * Visual_Component	0[b]	0	.	.	.	.

Estimates of Fixed Effects[a]

	95% Confidence
Parameter	Upper Bound
Visual_Component	,645393
[Hemisphere=0] * Visual_Component	,869795
[Hemisphere=1] * Visual_Component	.

a. Dependent Variable: Numeric_Component.

b. This parameter is set to zero because it is redundant.

Covariance Parameters

Estimates of Covariance Parameters[a]

Parameter		Estimate	Std. Error
Repeated Measures	Var: [Session=1]* [Hemisphere=0]*[Prime=0]* [Target=0]	1,526379	,434999
	Var: [Session=1]* [Hemisphere=0]*[Prime=0]* [Target=1]	,876480	,251314
	Var: [Session=1]* [Hemisphere=0]*[Prime=1]* [Target=0]	,369617	,105642
	Var: [Session=1]* [Hemisphere=0]*[Prime=1]* [Target=1]	1,120033	,317297
	Var: [Session=1]* [Hemisphere=1]*[Prime=0]* [Target=0]	,961553	,272569
	Var: [Session=1]* [Hemisphere=1]*[Prime=0]* [Target=1]	1,306253	,373230
	Var: [Session=1]* [Hemisphere=1]*[Prime=1]* [Target=0]	,671875	,190335

Estimates of Covariance Parameters[a]

Parameter		Estimate	Std. Error
	Var: [Session=1]* [Hemisphere=1]*[Prime=1]* [Target=1]	,519583	,145741
	Var: [Session=3]* [Hemisphere=0]*[Prime=0]* [Target=0]	1,110631	,315258
	Var: [Session=3]* [Hemisphere=0]*[Prime=0]* [Target=1]	1,067408	,300735
	Var: [Session=3]* [Hemisphere=0]*[Prime=1]* [Target=0]	,979920	,280077
	Var: [Session=3]* [Hemisphere=0]*[Prime=1]* [Target=1]	1,007133	,283024
	Var: [Session=3]* [Hemisphere=1]*[Prime=0]* [Target=0]	1,276666	,361702
	Var: [Session=3]* [Hemisphere=1]*[Prime=0]* [Target=1]	1,108609	,314840
	Var: [Session=3]* [Hemisphere=1]*[Prime=1]* [Target=0]	1,019260	,294312
	Var: [Session=3]* [Hemisphere=1]*[Prime=1]* [Target=1]	1,136584	,324041
	CSH rho	,030276	,026243

a. Dependent Variable: Numeric_Component.

```
MIXED Numeric_Component BY Session Hemisphere Prime Target WITH Visual_Comp
onent
  /CRITERIA=CIN(95) MXITER(100) MXSTEP(10) SCORING(1) SINGULAR(0.0000000000
01) HCONVERGE(0,
    ABSOLUTE) LCONVERGE(0, ABSOLUTE) PCONVERGE(0.000001, ABSOLUTE)
  /FIXED=Session Hemisphere Prime Target Session*Hemisphere Session*Prime S
ession*Target
    Hemisphere*Prime Hemisphere*Target Prime*Target Session*Hemisphere*Prim
e Session*Hemisphere*Target
    Session*Prime*Target
    Visual_Component Hemisphere*Visual_Component | SSTYPE(3)
  /METHOD=ML
  /PRINT=SOLUTION
```

```
/REPEATED=Session*Hemisphere*Prime*Target | SUBJECT(PP) COVTYPE(CSH).
```

Mixed Model Analysis

Model Dimension[a]

		Number of Levels	Covariance Structure	Number of Parameters
Fixed Effects	Intercept	1		1
	Session	2		1
	Hemisphere	2		1
	Prime	2		1
	Target	2		1
	Session * Hemisphere	4		1
	Session * Prime	4		1
	Session * Target	4		1
	Hemisphere * Prime	4		1
	Hemisphere * Target	4		1
	Prime * Target	4		1
	Session * Hemisphere * Prime	8		1
	Session * Hemisphere * Target	8		1
	Session * Prime * Target	8		1
	Visual_Component	1		1
	Hemisphere * Visual_Component	2		1
Repeated Effects	Session * Hemisphere * Prime * Target	16	Heterogeneous Compound Symmetry	17
Total		76		33

Model Dimension[a]

		Subject Variables	Number of Subjects
Fixed Effects	Intercept		
	Session		
	Hemisphere		
	Prime		
	Target		
	Session * Hemisphere		
	Session * Prime		
	Session * Target		
	Hemisphere * Prime		
	Hemisphere * Target		
	Prime * Target		
	Session * Hemisphere * Prime		
	Session * Hemisphere * Target		
	Session * Prime * Target		
	Visual_Component		
	Hemisphere * Visual_Component		
Repeated Effects	Session * Hemisphere * Prime * Target	PP	25
Total			

a. Dependent Variable: Numeric_Component.

Information Criteria[a]

-2 Log Likelihood	1116,081
Akaike's Information Criterion (AIC)	1182,081
Hurvich and Tsai's Criterion (AICC)	1188,212
Bozdogan's Criterion (CAIC)	1346,799
Schwarz's Bayesian Criterion (BIC)	1313,799

The information criteria are displayed in smaller-is-better form.

a. Dependent Variable: Numeric_Component.

Fixed Effects

Type III Tests of Fixed Effects[a]

Source	Numerator df	Denominator df	F	Sig.
Intercept	1	308,987	345,877	,000
Session	1	357,621	15,845	,000
Hemisphere	1	303,535	2,259	,134
Prime	1	369,293	2,352	,126
Target	1	375,990	1,097	,296
Session * Hemisphere	1	356,770	,505	,478
Session * Prime	1	380,997	3,463	,064
Session * Target	1	349,867	13,553	,000
Hemisphere * Prime	1	348,177	7,384	,007
Hemisphere * Target	1	324,089	,001	,969
Prime * Target	1	356,295	5,427	,020
Session * Hemisphere * Prime	1	353,136	1,212	,272
Session * Hemisphere * Target	1	342,193	3,583	,059
Session * Prime * Target	1	351,513	4,717	,031
Visual_Component	1	309,849	59,854	,000
Hemisphere * Visual_Component	1	313,276	7,865	,005

a. Dependent Variable: Numeric_Component.

Estimates of Fixed Effects^a

Parameter	Estimate	Std. Error	df	t	Sig.	95% ... Lower Bound
Intercept	5,354766	,311176	129,015	17,208	,000	4,739097
[Session=1]	-,339281	,241037	54,069	-1,408	,165	-,822518
[Session=3]	0^b	0	.	.	.	.
[Hemisphere=0]	,087673	,432768	296,299	,203	,840	-,764015
[Hemisphere=1]	0^b	0	.	.	.	.
[Prime=0]	-,066853	,351582	137,884	-,190	,849	-,762043
[Prime=1]	0^b	0	.	.	.	.
[Target=0]	-,387727	,271604	87,301	-1,428	,157	-,927544
[Target=1]	0^b	0	.	.	.	.
[Session=1] * [Hemisphere=0]	,783781	,341459	147,787	2,295	,023	,109009
[Session=1] * [Hemisphere=1]	0^b	0				
[Session=3] * [Hemisphere=0]	0^b	0				
[Session=3] * [Hemisphere=1]	0^b	0				
[Session=1] * [Prime=0]	,249035	,390314	172,823	,638	,524	-,521361
[Session=1] * [Prime=1]	0^b	0	.	.	.	.
[Session=3] * [Prime=0]	0^b	0	.	.	.	.
[Session=3] * [Prime=1]	0^b	0	.	.	.	.
[Session=1] * [Target=0]	1,548768	,326443	151,831	4,744	,000	,903810
[Session=1] * [Target=1]	0^b	0	.	.	.	.
[Session=3] * [Target=0]	0^b	0	.	.	.	.
[Session=3] * [Target=1]	0^b	0	.	.	.	.
[Hemisphere=0] * [Prime=0]	1,095842	,464959	300,769	2,357	,019	,180858
[Hemisphere=0] * [Prime=1]	0^b	0	.	.	.	.
[Hemisphere=1] * [Prime=0]	0^b	0	.	.	.	.
[Hemisphere=1] * [Prime=1]	0^b	0	.	.	.	.
[Hemisphere=0] * [Target=0]	,364949	,347234	240,301	1,051	,294	-,319063
[Hemisphere=0] * [Target=1]	0^b	0	.	.	.	.
[Hemisphere=1] * [Target=0]	0^b	0	.	.	.	.

Estimates of Fixed Effects^a

Parameter	95% Confidence Upper Bound
Intercept	5,970435
[Session=1]	,143956
[Session=3]	.
[Hemisphere=0]	,939361
[Hemisphere=1]	.
[Prime=0]	,628336
[Prime=1]	.
[Target=0]	,152090
[Target=1]	.
[Session=1] * [Hemisphere=0]	1,458553
[Session=1] * [Hemisphere=1]	.
[Session=3] * [Hemisphere=0]	.
[Session=3] * [Hemisphere=1]	.
[Session=1] * [Prime=0]	1,019432
[Session=1] * [Prime=1]	.
[Session=3] * [Prime=0]	.
[Session=3] * [Prime=1]	.
[Session=1] * [Target=0]	2,193726
[Session=1] * [Target=1]	.
[Session=3] * [Target=0]	.
[Session=3] * [Target=1]	.
[Hemisphere=0] * [Prime=0]	2,010826
[Hemisphere=0] * [Prime=1]	.
[Hemisphere=1] * [Prime=0]	.
[Hemisphere=1] * [Prime=1]	.
[Hemisphere=0] * [Target=0]	1,048961
[Hemisphere=0] * [Target=1]	.
[Hemisphere=1] * [Target=0]	.

Estimates of Fixed Effects[a]

Parameter	Estimate	Std. Error	df	t	Sig.	95% ...
						Lower Bound
[Hemisphere=1] * [Target=1]	0[b]	0	.	.	.	.
[Prime=0] * [Target=0]	-,040593	,298936	201,400	-,136	,892	-,630038
[Prime=0] * [Target=1]	0[b]	0	.	.	.	.
[Prime=1] * [Target=0]	0[b]	0	.	.	.	.
[Prime=1] * [Target=1]	0[b]	0	.	.	.	.
[Session=1] * [Hemisphere=0] * [Prime=0]	-,515371	,468128	353,136	-1,101	,272	-1,436040
[Session=1] * [Hemisphere=0] * [Prime=1]	0[b]	0	.	.	.	.
[Session=1] * [Hemisphere=1] * [Prime=0]	0[b]	0	.	.	.	.
[Session=1] * [Hemisphere=1] * [Prime=1]	0[b]	0	.	.	.	.
[Session=3] * [Hemisphere=0] * [Prime=0]	0[b]	0	.	.	.	.
[Session=3] * [Hemisphere=0] * [Prime=1]	0[b]	0	.	.	.	.
[Session=3] * [Hemisphere=1] * [Prime=0]	0[b]	0	.	.	.	.
[Session=3] * [Hemisphere=1] * [Prime=1]	0[b]	0	.	.	.	.
[Session=1] * [Hemisphere=0] * [Target=0]	-,750551	,396498	342,193	-1,893	,059	-1,530431
[Session=1] * [Hemisphere=0] * [Target=1]	0[b]	0	.	.	.	.
[Session=1] * [Hemisphere=1] * [Target=0]	0[b]	0	.	.	.	.
[Session=1] * [Hemisphere=1] * [Target=1]	0[b]	0	.	.	.	.

Estimates of Fixed Effects^a

Parameter	95% Confidence Upper Bound
[Hemisphere=1] * [Target=1]	.
[Prime=0] * [Target=0]	,548852
[Prime=0] * [Target=1]	.
[Prime=1] * [Target=0]	.
[Prime=1] * [Target=1]	.
[Session=1] * [Hemisphere=0] * [Prime=0]	,405298
[Session=1] * [Hemisphere=0] * [Prime=1]	.
[Session=1] * [Hemisphere=1] * [Prime=0]	.
[Session=1] * [Hemisphere=1] * [Prime=1]	.
[Session=3] * [Hemisphere=0] * [Prime=0]	.
[Session=3] * [Hemisphere=0] * [Prime=1]	.
[Session=3] * [Hemisphere=1] * [Prime=0]	.
[Session=3] * [Hemisphere=1] * [Prime=1]	.
[Session=1] * [Hemisphere=0] * [Target=0]	,029330
[Session=1] * [Hemisphere=0] * [Target=1]	.
[Session=1] * [Hemisphere=1] * [Target=0]	.
[Session=1] * [Hemisphere=1] * [Target=1]	.

Estimates of Fixed Effects[a]

| Parameter | Estimate | Std. Error | df | t | Sig. | 95% ... |
						Lower Bound
[Session=3] * [Hemisphere=0] * [Target=0]	0[b]	0	.	.	.	.
[Session=3] * [Hemisphere=0] * [Target=1]	0[b]	0	.	.	.	.
[Session=3] * [Hemisphere=1] * [Target=0]	0[b]	0	.	.	.	.
[Session=3] * [Hemisphere=1] * [Target=1]	0[b]	0	.	.	.	.
[Session=1] * [Prime=0] * [Target=0]	-,863091	,397376	351,513	-2,172	,031	-1,644624
[Session=1] * [Prime=0] * [Target=1]	0[b]	0	.	.	.	.
[Session=1] * [Prime=1] * [Target=0]	0[b]	0	.	.	.	.
[Session=1] * [Prime=1] * [Target=1]	0[b]	0	.	.	.	.
[Session=3] * [Prime=0] * [Target=0]	0[b]	0	.	.	.	.
[Session=3] * [Prime=0] * [Target=1]	0[b]	0	.	.	.	.
[Session=3] * [Prime=1] * [Target=0]	0[b]	0	.	.	.	.
[Session=3] * [Prime=1] * [Target=1]	0[b]	0	.	.	.	.
Visual_Component	,436955	,119516	170,909	3,656	,000	,201038
[Hemisphere=0] * Visual_Component	,474925	,169343	313,276	2,805	,005	,141732
[Hemisphere=1] * Visual_Component	0[b]	0	.	.	.	.

Estimates of Fixed Effects[a]

Parameter	95% Confidence Upper Bound
[Session=3] * [Hemisphere=0] * [Target=0]	.
[Session=3] * [Hemisphere=0] * [Target=1]	.
[Session=3] * [Hemisphere=1] * [Target=0]	.
[Session=3] * [Hemisphere=1] * [Target=1]	.
[Session=1] * [Prime=0] * [Target=0]	-,081558
[Session=1] * [Prime=0] * [Target=1]	.
[Session=1] * [Prime=1] * [Target=0]	.
[Session=1] * [Prime=1] * [Target=1]	.
[Session=3] * [Prime=0] * [Target=0]	.
[Session=3] * [Prime=0] * [Target=1]	.
[Session=3] * [Prime=1] * [Target=0]	.
[Session=3] * [Prime=1] * [Target=1]	.
Visual_Component	,672872
[Hemisphere=0] * Visual_Component	,808118
[Hemisphere=1] * Visual_Component	.

a. Dependent Variable: Numeric_Component.

b. This parameter is set to zero because it is redundant.

Covariance Parameters

Estimates of Covariance Parameters[a]

Parameter		Estimate	Std. Error
Repeated Measures	Var: [Session=1]*[Hemisphere=0]*[Prime=0]*[Target=0]	1,523469	,432403
	Var: [Session=1]*[Hemisphere=0]*[Prime=0]*[Target=1]	,868382	,248151
	Var: [Session=1]*[Hemisphere=0]*[Prime=1]*[Target=0]	,371845	,106403
	Var: [Session=1]*[Hemisphere=0]*[Prime=1]*[Target=1]	1,117568	,315681
	Var: [Session=1]*[Hemisphere=1]*[Prime=0]*[Target=0]	,952775	,269133
	Var: [Session=1]*[Hemisphere=1]*[Prime=0]*[Target=1]	1,306603	,372020
	Var: [Session=1]*[Hemisphere=1]*[Prime=1]*[Target=0]	,670996	,189733
	Var: [Session=1]*[Hemisphere=1]*[Prime=1]*[Target=1]	,519072	,145453
	Var: [Session=3]*[Hemisphere=0]*[Prime=0]*[Target=0]	1,129139	,324163
	Var: [Session=3]*[Hemisphere=0]*[Prime=0]*[Target=1]	1,079927	,307645
	Var: [Session=3]*[Hemisphere=0]*[Prime=1]*[Target=0]	,986056	,284710
	Var: [Session=3]*[Hemisphere=0]*[Prime=1]*[Target=1]	1,019901	,289697
	Var: [Session=3]*[Hemisphere=1]*[Prime=0]*[Target=0]	1,286149	,369197
	Var: [Session=3]*[Hemisphere=1]*[Prime=0]*[Target=1]	1,126183	,323574
	Var: [Session=3]*[Hemisphere=1]*[Prime=1]*[Target=0]	1,031461	,301213
	Var: [Session=3]*[Hemisphere=1]*[Prime=1]*[Target=1]	1,160399	,334549
	CSH rho	,029570	,026068

```
MIXED Numeric_Component BY Session Hemisphere Prime Target WITH Visual_Comp
onent
  /CRITERIA=CIN(95) MXITER(100) MXSTEP(10) SCORING(1) SINGULAR(0.0000000000
01) HCONVERGE(0,
    ABSOLUTE) LCONVERGE(0, ABSOLUTE) PCONVERGE(0.000001, ABSOLUTE)
  /FIXED=Session Hemisphere Prime Target Session*Hemisphere Session*Prime S
ession*Target
    Hemisphere*Prime Hemisphere*Target Prime*Target Session*Hemisphere*Targ
et
    Session*Prime*Target
    Visual_Component Hemisphere*Visual_Component | SSTYPE(3)
  /METHOD=ML
  /PRINT=SOLUTION
  /REPEATED=Session*Hemisphere*Prime*Target | SUBJECT(PP) COVTYPE(CSH).
```

Mixed Model Analysis

Model Dimension[a]

		Number of Levels	Covariance Structure	Number of Parameters
Fixed Effects	Intercept	1		1
	Session	2		1
	Hemisphere	2		1
	Prime	2		1
	Target	2		1
	Session * Hemisphere	4		1
	Session * Prime	4		1
	Session * Target	4		1
	Hemisphere * Prime	4		1
	Hemisphere * Target	4		1
	Prime * Target	4		1
	Session * Hemisphere * Target	8		1
	Session * Prime * Target	8		1
	Visual_Component	1		1
	Hemisphere * Visual_Component	2		1

Model Dimension[a]

		Subject Variables	Number of Subjects
Fixed Effects	Intercept		
	Session		
	Hemisphere		
	Prime		
	Target		
	Session * Hemisphere		
	Session * Prime		
	Session * Target		
	Hemisphere * Prime		
	Hemisphere * Target		
	Prime * Target		
	Session * Hemisphere * Target		
	Session * Prime * Target		
	Visual_Component		
	Hemisphere * Visual_Component		

Model Dimension[a]

		Number of Levels	Covariance Structure	Number of Parameters
Repeated Effects	Session * Hemisphere * Prime * Target	16	Heterogeneous Compound Symmetry	17
Total		68		32

Model Dimension[a]

		Subject Variables	Number of Subjects
Repeated Effects	Session * Hemisphere * Prime * Target	PP	25
Total			

a. Dependent Variable: Numeric_Component.

Information Criteria[a]

-2 Log Likelihood	1117,273
Akaike's Information Criterion (AIC)	1181,273
Hurvich and Tsai's Criterion (AICC)	1187,028
Bozdogan's Criterion (CAIC)	1341,000
Schwarz's Bayesian Criterion (BIC)	1309,000

The information criteria are displayed in smaller-is-better form.

a. Dependent Variable: Numeric_Component.

Fixed Effects

Type III Tests of Fixed Effects[a]

Source	Numerator df	Denominator df	F	Sig.
Intercept	1	311,632	343,698	,000
Session	1	357,589	15,768	,000
Hemisphere	1	327,343	1,174	,279
Prime	1	366,085	2,452	,118
Target	1	367,057	1,397	,238
Session * Hemisphere	1	303,141	1,246	,265
Session * Prime	1	380,498	3,550	,060
Session * Target	1	327,313	15,722	,000
Hemisphere * Prime	1	270,964	6,120	,014
Hemisphere * Target	1	274,652	,201	,654
Prime * Target	1	357,199	5,310	,022
Session * Hemisphere * Target	1	345,906	3,302	,070
Session * Prime * Target	1	351,455	4,572	,033
Visual_Component	1	309,766	59,849	,000
Hemisphere * Visual_Component	1	343,827	6,793	,010

a. Dependent Variable: Numeric_Component.

Estimates of Fixed Effects^a

Parameter	Estimate	Std. Error	df	t	Sig.	95% ... Lower Bound
Intercept	5,399058	,309044	115,758	17,470	,000	4,786945
[Session=1]	-,256281	,228930	66,959	-1,119	,267	-,713232
[Session=3]	0^b	0	.	.	.	.
[Hemisphere=0]	-,019488	,422903	255,706	-,046	,963	-,852303
[Hemisphere=1]	0^b	0	.	.	.	.
[Prime=0]	,150578	,290545	216,542	,518	,605	-,422079
[Prime=1]	0^b	0	.	.	.	.
[Target=0]	-,331831	,267340	86,952	-1,241	,218	-,863203
[Target=1]	0^b	0	.	.	.	.
[Session=1] * [Hemisphere=0]	,585165	,289735	184,651	2,020	,045	,013548
[Session=1] * [Hemisphere=1]	0^b	0				
[Session=3] * [Hemisphere=0]	0^b	0				
[Session=3] * [Hemisphere=1]	0^b	0	.	.	.	.
[Session=1] * [Prime=0]	-,020863	,303131	211,561	-,069	,945	-,618408
[Session=1] * [Prime=1]	0^b	0	.	.	.	.
[Session=3] * [Prime=0]	0^b	0	.	.	.	.
[Session=3] * [Prime=1]	0^b	0	.	.	.	.
[Session=1] * [Target=0]	1,570723	,326702	150,617	4,808	,000	,925212
[Session=1] * [Target=1]	0^b	0	.	.	.	.
[Session=3] * [Target=0]	0^b	0	.	.	.	.
[Session=3] * [Target=1]	0^b	0	.	.	.	.
[Hemisphere=0] * [Prime=0]	,679296	,274586	270,964	2,474	,014	,138703
[Hemisphere=0] * [Prime=1]	0^b	0	.	.	.	.
[Hemisphere=1] * [Prime=0]	0^b	0	.	.	.	.
[Hemisphere=1] * [Prime=1]	0^b	0	.	.	.	.
[Hemisphere=0] * [Target=0]	,246771	,330961	207,031	,746	,457	-,405714
[Hemisphere=0] * [Target=1]	0^b	0	.	.	.	.
[Hemisphere=1] * [Target=0]	0^b	0	.	.	.	.

Estimates of Fixed Effects^a

Parameter	95% Confidence Upper Bound
Intercept	6,011171
[Session=1]	,200669
[Session=3]	.
[Hemisphere=0]	,813328
[Hemisphere=1]	.
[Prime=0]	,723235
[Prime=1]	.
[Target=0]	,199541
[Target=1]	.
[Session=1] * [Hemisphere=0]	1,156781
[Session=1] * [Hemisphere=1]	.
[Session=3] * [Hemisphere=0]	.
[Session=3] * [Hemisphere=1]	.
[Session=1] * [Prime=0]	,576681
[Session=1] * [Prime=1]	.
[Session=3] * [Prime=0]	.
[Session=3] * [Prime=1]	.
[Session=1] * [Target=0]	2,216234
[Session=1] * [Target=1]	.
[Session=3] * [Target=0]	.
[Session=3] * [Target=1]	.
[Hemisphere=0] * [Prime=0]	1,219888
[Hemisphere=0] * [Prime=1]	.
[Hemisphere=1] * [Prime=0]	.
[Hemisphere=1] * [Prime=1]	.
[Hemisphere=0] * [Target=0]	,899256
[Hemisphere=0] * [Target=1]	.
[Hemisphere=1] * [Target=0]	.

Estimates of Fixed Effects[a]

Parameter	Estimate	Std. Error	df	t	Sig.	95% ...
						Lower Bound
[Hemisphere=1] * [Target=1]	0[b]	0	.	.	.	.
[Prime=0] * [Target=0]	-,042365	,299208	200,838	-,142	,888	-,632358
[Prime=0] * [Target=1]	0[b]	0	.	.	.	.
[Prime=1] * [Target=0]	0[b]	0	.	.	.	.
[Prime=1] * [Target=1]	0[b]	0	.	.	.	.
[Session=1] * [Hemisphere=0] * [Target=0]	-,719945	,396220	345,906	-1,817	,070	-1,499248
[Session=1] * [Hemisphere=0] * [Target=1]	0[b]	0	.	.	.	.
[Session=1] * [Hemisphere=1] * [Target=0]	0[b]	0	.	.	.	.
[Session=1] * [Hemisphere=1] * [Target=1]	0[b]	0	.	.	.	.
[Session=3] * [Hemisphere=0] * [Target=0]	0[b]	0	.	.	.	.
[Session=3] * [Hemisphere=0] * [Target=1]	0[b]	0	.	.	.	.
[Session=3] * [Hemisphere=1] * [Target=0]	0[b]	0	.	.	.	.
[Session=3] * [Hemisphere=1] * [Target=1]	0[b]	0	.	.	.	.
[Session=1] * [Prime=0] * [Target=0]	-,850546	,397789	351,455	-2,138	,033	-1,632893
[Session=1] * [Prime=0] * [Target=1]	0[b]	0	.	.	.	.
[Session=1] * [Prime=1] * [Target=0]	0[b]	0	.	.	.	.
[Session=1] * [Prime=1] * [Target=1]	0[b]	0	.	.	.	.
[Session=3] * [Prime=0] * [Target=0]	0[b]	0	.	.	.	.
[Session=3] * [Prime=0] * [Target=1]	0[b]	0	.	.	.	.

Estimates of Fixed Effects^a

Parameter	95% Confidence
	Upper Bound
[Hemisphere=1] * [Target=1]	.
[Prime=0] * [Target=0]	,547627
[Prime=0] * [Target=1]	.
[Prime=1] * [Target=0]	.
[Prime=1] * [Target=1]	.
[Session=1] * [Hemisphere=0] * [Target=0]	,059358
[Session=1] * [Hemisphere=0] * [Target=1]	.
[Session=1] * [Hemisphere=1] * [Target=0]	.
[Session=1] * [Hemisphere=1] * [Target=1]	.
[Session=3] * [Hemisphere=0] * [Target=0]	.
[Session=3] * [Hemisphere=0] * [Target=1]	.
[Session=3] * [Hemisphere=1] * [Target=0]	.
[Session=3] * [Hemisphere=1] * [Target=1]	.
[Session=1] * [Prime=0] * [Target=0]	-,068199
[Session=1] * [Prime=0] * [Target=1]	.
[Session=1] * [Prime=1] * [Target=0]	.
[Session=1] * [Prime=1] * [Target=1]	.
[Session=3] * [Prime=0] * [Target=0]	.
[Session=3] * [Prime=0] * [Target=1]	.

Estimates of Fixed Effects[a]

| Parameter | Estimate | Std. Error | df | t | Sig. | 95% ... |
						Lower Bound
[Session=3] * [Prime=1] * [Target=0]	0[b]	0	.	.	.	.
[Session=3] * [Prime=1] * [Target=1]	0[b]	0	.	.	.	.
Visual_Component	,488428	,110144	207,316	4,434	,000	,271282
[Hemisphere=0] * Visual_Component	,374393	,143648	343,827	2,606	,010	,091853
[Hemisphere=1] * Visual_Component	0[b]	0	.	.	.	.

Estimates of Fixed Effects[a]

| Parameter | 95% Confidence |
	Upper Bound
[Session=3] * [Prime=1] * [Target=0]	.
[Session=3] * [Prime=1] * [Target=1]	.
Visual_Component	,705575
[Hemisphere=0] * Visual_Component	,656932
[Hemisphere=1] * Visual_Component	.

a. Dependent Variable: Numeric_Component.

b. This parameter is set to zero because it is redundant.

Covariance Parameters

Estimates of Covariance Parameters[a]

Parameter		Estimate	Std. Error
Repeated Measures	Var: [Session=1]* [Hemisphere=0]*[Prime=0]* [Target=0]	1,534553	,435701
	Var: [Session=1]* [Hemisphere=0]*[Prime=0]* [Target=1]	,860595	,246187
	Var: [Session=1]* [Hemisphere=0]*[Prime=1]* [Target=0]	,378348	,108620
	Var: [Session=1]* [Hemisphere=0]*[Prime=1]* [Target=1]	1,125729	,319043
	Var: [Session=1]* [Hemisphere=1]*[Prime=0]* [Target=0]	,943801	,266246
	Var: [Session=1]* [Hemisphere=1]*[Prime=0]* [Target=1]	1,324249	,378095
	Var: [Session=1]* [Hemisphere=1]*[Prime=1]* [Target=0]	,673223	,190469
	Var: [Session=1]* [Hemisphere=1]*[Prime=1]* [Target=1]	,521361	,146436
	Var: [Session=3]* [Hemisphere=0]*[Prime=0]* [Target=0]	1,151391	,333433
	Var: [Session=3]* [Hemisphere=0]*[Prime=0]* [Target=1]	1,067436	,300867
	Var: [Session=3]* [Hemisphere=0]*[Prime=1]* [Target=0]	,988203	,287818
	Var: [Session=3]* [Hemisphere=0]*[Prime=1]* [Target=1]	1,011615	,284644
	Var: [Session=3]* [Hemisphere=1]*[Prime=0]* [Target=0]	1,287851	,373811
	Var: [Session=3]* [Hemisphere=1]*[Prime=0]* [Target=1]	1,119076	,318333
	Var: [Session=3]* [Hemisphere=1]*[Prime=1]* [Target=0]	1,046142	,308478
	Var: [Session=3]* [Hemisphere=1]*[Prime=1]* [Target=1]	1,162131	,331772
	CSH rho	,029442	,026046

a. Dependent Variable: Numeric_Component.

```
MIXED Numeric_Component BY Session Hemisphere Prime Target WITH Visual_Comp
onent
  /CRITERIA=CIN(95) MXITER(100) MXSTEP(10) SCORING(1) SINGULAR(0.0000000000
01) HCONVERGE(0,
    ABSOLUTE) LCONVERGE(0, ABSOLUTE) PCONVERGE(0.000001, ABSOLUTE)
  /FIXED=Session Hemisphere Prime Target Session*Hemisphere Session*Prime S
ession*Target
    Hemisphere*Prime Hemisphere*Target Prime*Target
    Session*Prime*Target
    Visual_Component Hemisphere*Visual_Component | SSTYPE(3)
  /METHOD=ML
  /PRINT=SOLUTION
  /REPEATED=Session*Hemisphere*Prime*Target | SUBJECT(PP) COVTYPE(CSH).
```

Mixed Model Analysis

Model Dimension[a]

		Number of Levels	Covariance Structure	Number of Parameters
Fixed Effects	Intercept	1		1
	Session	2		1
	Hemisphere	2		1
	Prime	2		1
	Target	2		1
	Session * Hemisphere	4		1
	Session * Prime	4		1
	Session * Target	4		1
	Hemisphere * Prime	4		1
	Hemisphere * Target	4		1
	Prime * Target	4		1
	Session * Prime * Target	8		1
	Visual_Component	1		1
	Hemisphere * Visual_Component	2		1
Repeated Effects	Session * Hemisphere * Prime * Target	16	Heterogeneous Compound Symmetry	17
Total		60		31

Model Dimension[a]

		Subject Variables	Number of Subjects
Fixed Effects	Intercept		
	Session		
	Hemisphere		
	Prime		
	Target		
	Session * Hemisphere		
	Session * Prime		
	Session * Target		
	Hemisphere * Prime		
	Hemisphere * Target		
	Prime * Target		
	Session * Prime * Target		
	Visual_Component		
	Hemisphere * Visual_Component		
Repeated Effects	Session * Hemisphere * Prime * Target	PP	25
Total			

a. Dependent Variable: Numeric_Component.

Information Criteria[a]

-2 Log Likelihood	1120,468
Akaike's Information Criterion (AIC)	1182,468
Hurvich and Tsai's Criterion (AICC)	1187,859
Bozdogan's Criterion (CAIC)	1337,203
Schwarz's Bayesian Criterion (BIC)	1306,203

The information criteria are displayed in smaller-is-better form.

a. Dependent Variable: Numeric_Component.

Fixed Effects

Type III Tests of Fixed Effects[a]

Source	Numerator df	Denominator df	F	Sig.
Intercept	1	306,714	340,181	,000
Session	1	350,645	16,491	,000
Hemisphere	1	324,922	1,212	,272
Prime	1	367,449	1,994	,159
Target	1	362,575	,950	,330
Session * Hemisphere	1	299,879	1,089	,298
Session * Prime	1	342,463	2,366	,125
Session * Target	1	324,593	15,465	,000
Hemisphere * Prime	1	271,418	6,579	,011
Hemisphere * Target	1	267,944	,329	,567
Prime * Target	1	352,885	5,870	,016
Session * Prime * Target	1	350,285	4,555	,034
Visual_Component	1	314,296	55,804	,000
Hemisphere * Visual_Component	1	342,099	7,129	,008

a. Dependent Variable: Numeric_Component.

Estimates of Fixed Effects[a]

Parameter	Estimate	Std. Error	df	t	Sig.	95% ... Lower Bound
Intercept	5,217728	,292994	143,135	17,808	,000	4,638573
[Session=1]	-,101056	,211422	86,943	-,478	,634	-,521284
[Session=3]	0[b]	0	.	.	.	.
[Hemisphere=0]	,180526	,408954	267,563	,441	,659	-,624652
[Hemisphere=1]	0[b]	0	.	.	.	.
[Prime=0]	,081771	,289077	206,697	,283	,778	-,488147
[Prime=1]	0[b]	0	.	.	.	.
[Target=0]	-,151449	,246577	119,537	-,614	,540	-,639674
[Target=1]	0[b]	0	.	.	.	.
[Session=1] * [Hemisphere=0]	,210361	,201587	299,879	1,044	,298	-,186344
[Session=1] * [Hemisphere=1]	0[b]	0	.	.	.	.
[Session=3] * [Hemisphere=0]	0[b]	0	.	.	.	.
[Session=3] * [Hemisphere=1]	0[b]	0	.	.	.	.

Estimates of Fixed Effects[a]

Parameter	95% Confidence Upper Bound
Intercept	5,796883
[Session=1]	,319171
[Session=3]	.
[Hemisphere=0]	,985703
[Hemisphere=1]	.
[Prime=0]	,651688
[Prime=1]	.
[Target=0]	,336776
[Target=1]	.
[Session=1] * [Hemisphere=0]	,607066
[Session=1] * [Hemisphere=1]	.
[Session=3] * [Hemisphere=0]	.
[Session=3] * [Hemisphere=1]	.

Estimates of Fixed Effects[a]

Parameter	Estimate	Std. Error	df	t	Sig.	95% ...
						Lower Bound
[Session=1] * [Prime=0]	,067809	,300272	206,198	,226	,822	-,524189
[Session=1] * [Prime=1]	0[b]	0	.	.	.	.
[Session=3] * [Prime=0]	0[b]	0	.	.	.	.
[Session=3] * [Prime=1]	0[b]	0	.	.	.	.
[Session=1] * [Target=0]	1,209193	,258330	180,697	4,681	,000	,699462
[Session=1] * [Target=1]	0[b]	0	.	.	.	.
[Session=3] * [Target=0]	0[b]	0	.	.	.	.
[Session=3] * [Target=1]	0[b]	0	.	.	.	.
[Hemisphere=0] * [Prime=0]	,705904	,275218	271,418	2,565	,011	,164069
[Hemisphere=0] * [Prime=1]	0[b]	0	.	.	.	.
[Hemisphere=1] * [Prime=0]	0[b]	0	.	.	.	.
[Hemisphere=1] * [Prime=1]	0[b]	0	.	.	.	.
[Hemisphere=0] * [Target=0]	-,144730	,252417	267,944	-,573	,567	-,641702
[Hemisphere=0] * [Target=1]	0[b]	0	.	.	.	.
[Hemisphere=1] * [Target=0]	0[b]	0	.	.	.	.
[Hemisphere=1] * [Target=1]	0[b]	0	.	.	.	.
[Prime=0] * [Target=0]	-,066463	,300515	196,515	-,221	,825	-,659112
[Prime=0] * [Target=1]	0[b]	0	.	.	.	.
[Prime=1] * [Target=0]	0[b]	0	.	.	.	.
[Prime=1] * [Target=1]	0[b]	0	.	.	.	.
[Session=1] * [Prime=0] * [Target=0]	-,852936	,399651	350,285	-2,134	,034	-1,638953
[Session=1] * [Prime=0] * [Target=1]	0[b]	0	.	.	.	.
[Session=1] * [Prime=1] * [Target=0]	0[b]	0	.	.	.	.
[Session=1] * [Prime=1] * [Target=1]	0[b]	0	.	.	.	.
[Session=3] * [Prime=0] * [Target=0]	0[b]	0	.	.	.	.
[Session=3] * [Prime=0] * [Target=1]	0[b]	0	.	.	.	.

Estimates of Fixed Effects^a

Parameter	95% Confidence Upper Bound
[Session=1] * [Prime=0]	,659807
[Session=1] * [Prime=1]	.
[Session=3] * [Prime=0]	.
[Session=3] * [Prime=1]	.
[Session=1] * [Target=0]	1,718924
[Session=1] * [Target=1]	.
[Session=3] * [Target=0]	.
[Session=3] * [Target=1]	.
[Hemisphere=0] * [Prime=0]	1,247738
[Hemisphere=0] * [Prime=1]	.
[Hemisphere=1] * [Prime=0]	.
[Hemisphere=1] * [Prime=1]	.
[Hemisphere=0] * [Target=0]	,352242
[Hemisphere=0] * [Target=1]	.
[Hemisphere=1] * [Target=0]	.
[Hemisphere=1] * [Target=1]	.
[Prime=0] * [Target=0]	,526186
[Prime=0] * [Target=1]	.
[Prime=1] * [Target=0]	.
[Prime=1] * [Target=1]	.
[Session=1] * [Prime=0] * [Target=0]	-,066919
[Session=1] * [Prime=0] * [Target=1]	.
[Session=1] * [Prime=1] * [Target=0]	.
[Session=1] * [Prime=1] * [Target=1]	.
[Session=3] * [Prime=0] * [Target=0]	.
[Session=3] * [Prime=0] * [Target=1]	.

Estimates of Fixed Effects[a]

Parameter	Estimate	Std. Error	df	t	Sig.	95% ... Lower Bound
[Session=3] * [Prime=1] * [Target=0]	0[b]	0	.	.	.	.
[Session=3] * [Prime=1] * [Target=1]	0[b]	0	.	.	.	.
Visual_Component	,449742	,108646	207,542	4,140	,000	,235551
[Hemisphere=0] * Visual_Component	,384847	,144133	342,099	2,670	,008	,101349
[Hemisphere=1] * Visual_Component	0[b]	0	.	.	.	.

Estimates of Fixed Effects[a]

Parameter	95% Confidence Upper Bound
[Session=3] * [Prime=1] * [Target=0]	.
[Session=3] * [Prime=1] * [Target=1]	.
Visual_Component	,663933
[Hemisphere=0] * Visual_Component	,668345
[Hemisphere=1] * Visual_Component	.

a. Dependent Variable: Numeric_Component.

b. This parameter is set to zero because it is redundant.

Covariance Parameters

Estimates of Covariance Parameters[a]

Parameter		Estimate	Std. Error
Repeated Measures	Var: [Session=1]*[Hemisphere=0]*[Prime=0]*[Target=0]	1,555527	,444378
	Var: [Session=1]*[Hemisphere=0]*[Prime=0]*[Target=1]	,852098	,242729
	Var: [Session=1]*[Hemisphere=0]*[Prime=1]*[Target=0]	,383554	,110707
	Var: [Session=1]*[Hemisphere=0]*[Prime=1]*[Target=1]	1,161175	,335512
	Var: [Session=1]*[Hemisphere=1]*[Prime=0]*[Target=0]	,956868	,271597
	Var: [Session=1]*[Hemisphere=1]*[Prime=0]*[Target=1]	1,308685	,372476
	Var: [Session=1]*[Hemisphere=1]*[Prime=1]*[Target=0]	,674606	,191564
	Var: [Session=1]*[Hemisphere=1]*[Prime=1]*[Target=1]	,526923	,149565
	Var: [Session=3]*[Hemisphere=0]*[Prime=0]*[Target=0]	1,201327	,357699
	Var: [Session=3]*[Hemisphere=0]*[Prime=0]*[Target=1]	1,090069	,312225
	Var: [Session=3]*[Hemisphere=0]*[Prime=1]*[Target=0]	,962510	,274357
	Var: [Session=3]*[Hemisphere=0]*[Prime=1]*[Target=1]	1,009745	,283179
	Var: [Session=3]*[Hemisphere=1]*[Prime=0]*[Target=0]	1,355862	,406770
	Var: [Session=3]*[Hemisphere=1]*[Prime=0]*[Target=1]	1,139613	,329819
	Var: [Session=3]*[Hemisphere=1]*[Prime=1]*[Target=0]	1,018228	,293868
	Var: [Session=3]*[Hemisphere=1]*[Prime=1]*[Target=1]	1,143636	,324727
	CSH rho	,028827	,025903

a. Dependent Variable: Numeric_Component.