```
*------------------------------------------------------------------------
------------------------------------------------------------------------.
* .
*Final Model from Last Time.
* .
*------------------------------------------------------------------------
------------------------------------------------------------------------.

MIXED Visual_Response BY Session Hemisphere Prime Target
  /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 | SSTYPE(3)
  /METHOD=REML
  /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
Repeated Effects	Session * Hemisphere * Prime * Target	16	Heterogeneous Compound Symmetry	17
Total		65		30

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		
Repeated Effects	Session * Hemisphere * Prime * Target	PP	25
Total			

a. Dependent Variable: Visual_Response.

Information Criteria[a]

-2 Restricted Log Likelihood	667,033
Akaike's Information Criterion (AIC)	701,033
Hurvich and Tsai's Criterion (AICC)	702,692
Bozdogan's Criterion (CAIC)	785,326
Schwarz's Bayesian Criterion (BIC)	768,326

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

a. Dependent Variable: Visual_Response.

Fixed Effects

Type III Tests of Fixed Effects[a]

Source	Numerator df	Denominator df	F	Sig.
Intercept	1	24,132	18995,535	,000
Session	1	343,185	70,955	,000
Hemisphere	1	343,756	63,420	,000
Prime	1	344,281	671,031	,000
Target	1	343,559	414,250	,000
Session * Hemisphere	1	342,950	,272	,603
Session * Prime	1	344,428	186,437	,000
Session * Target	1	340,544	,003	,956
Hemisphere * Prime	1	345,203	,073	,788
Hemisphere * Target	1	343,152	3,531	,061
Prime * Target	1	344,165	19,956	,000
Session * Hemisphere * Target	1	347,960	17,249	,000
Session * Prime * Target	1	344,887	3,624	,058

a. Dependent Variable: Visual_Response.

Covariance Parameters

Estimates of Covariance Parameters[a]

Parameter		Estimate	Std. Error
Repeated Measures	Var: [Session=1]* [Hemisphere=0]*[Prime=0]* [Target=0]	,250450	,071735
	Var: [Session=1]* [Hemisphere=0]*[Prime=0]* [Target=1]	,216532	,063039
	Var: [Session=1]* [Hemisphere=0]*[Prime=1]* [Target=0]	,296267	,084910
	Var: [Session=1]* [Hemisphere=0]*[Prime=1]* [Target=1]	,266580	,076924
	Var: [Session=1]* [Hemisphere=1]*[Prime=0]* [Target=0]	,319501	,091357
	Var: [Session=1]* [Hemisphere=1]*[Prime=0]* [Target=1]	,342688	,098912
	Var: [Session=1]* [Hemisphere=1]*[Prime=1]* [Target=0]	,217746	,062419
	Var: [Session=1]* [Hemisphere=1]*[Prime=1]* [Target=1]	,379433	,110157
	Var: [Session=3]* [Hemisphere=0]*[Prime=0]* [Target=0]	,182880	,052620
	Var: [Session=3]* [Hemisphere=0]*[Prime=0]* [Target=1]	,341069	,098085
	Var: [Session=3]* [Hemisphere=0]*[Prime=1]* [Target=0]	,283801	,081468
	Var: [Session=3]* [Hemisphere=0]*[Prime=1]* [Target=1]	,402383	,115315
	Var: [Session=3]* [Hemisphere=1]*[Prime=0]* [Target=0]	,322090	,092326
	Var: [Session=3]* [Hemisphere=1]*[Prime=0]* [Target=1]	,224601	,064571
	Var: [Session=3]* [Hemisphere=1]*[Prime=1]* [Target=0]	,469530	,134746
	Var: [Session=3]* [Hemisphere=1]*[Prime=1]* [Target=1]	,274633	,079023
	CSH rho	-,010639	,016026

a. Dependent Variable: Visual_Response.

```
*------------------------------------------------------------------------
------------------------------------------------------------------------.
* .
*Adding Estimated Marginal Means.
* .
*------------------------------------------------------------------------
------------------------------------------------------------------------.

MIXED Visual_Response BY Session Hemisphere Prime Target
  /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 | SSTYPE(3)
  /METHOD=REML
  /PRINT=SOLUTION R
  /REPEATED=Session*Hemisphere*Prime*Target | SUBJECT(PP) COVTYPE(CSH)
  /EMMEANS=TABLES(Session) COMPARE ADJ(SIDAK)
  /EMMEANS=TABLES(Session*Prime) COMPARE(Session) ADJ(SIDAK)
  /EMMEANS=TABLES(Session*Prime) COMPARE(Prime) ADJ(SIDAK)
  /EMMEANS=TABLES(Session*Prime*Target) COMPARE(Session) ADJ(SIDAK)
  /EMMEANS=TABLES(Session*Hemisphere*Target) COMPARE(Session) ADJ(SIDAK).
```

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
Repeated Effects	Session * Hemisphere * Prime * Target	16	Heterogeneous Compound Symmetry	17
Total		65		30

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		
Repeated Effects	Session * Hemisphere * Prime * Target	PP	25
Total			

a. Dependent Variable: Visual_Response.

Information Criteria[a]

-2 Restricted Log Likelihood	667,033
Akaike's Information Criterion (AIC)	701,033
Hurvich and Tsai's Criterion (AICC)	702,692
Bozdogan's Criterion (CAIC)	785,326
Schwarz's Bayesian Criterion (BIC)	768,326

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

a. Dependent Variable: Visual_Response.

Fixed Effects

Type III Tests of Fixed Effects[a]

Source	Numerator df	Denominator df	F	Sig.
Intercept	1	24,132	18995,535	,000
Session	1	343,185	70,955	,000
Hemisphere	1	343,756	63,420	,000
Prime	1	344,281	671,031	,000
Target	1	343,559	414,250	,000
Session * Hemisphere	1	342,950	,272	,603
Session * Prime	1	344,428	186,437	,000
Session * Target	1	340,544	,003	,956
Hemisphere * Prime	1	345,203	,073	,788
Hemisphere * Target	1	343,152	3,531	,061
Prime * Target	1	344,165	19,956	,000
Session * Hemisphere * Target	1	347,960	17,249	,000
Session * Prime * Target	1	344,887	3,624	,058

a. Dependent Variable: Visual_Response.

Estimates of Fixed Effects[a]

Parameter	Estimate	Std. Error	df	t	Sig.	95% ... Lower Bound
Intercept	-2,099334	,095524	34,630	-21,977	,000	-2,293332
[Session=1]	,088284	,138783	83,107	,636	,526	-,187745
[Session=3]	0[b]	0	.	.	.	.
[Hemisphere=0]	-,268412	,126612	113,425	-2,120	,036	-,519244
[Hemisphere=1]	0[b]	0	.	.	.	.
[Prime=0]	-1,777300	,118407	89,862	-15,010	,000	-2,012541
[Prime=1]	0[b]	0	.	.	.	.
[Target=0]	-,643985	,144279	89,972	-4,463	,000	-,930622
[Target=1]	0[b]	0	.	.	.	.
[Session=1] * [Hemisphere=0]	-,511187	,156703	179,406	-3,262	,001	-,820405
[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]	1,266037	,155710	189,037	8,131	,000	,958885

Estimates of Fixed Effects[a]

Parameter	95% Confidence Upper Bound
Intercept	-1,905335
[Session=1]	,364314
[Session=3]	.
[Hemisphere=0]	-,017581
[Hemisphere=1]	.
[Prime=0]	-1,542060
[Prime=1]	.
[Target=0]	-,357347
[Target=1]	.
[Session=1] * [Hemisphere=0]	-,201970
[Session=1] * [Hemisphere=1]	.
[Session=3] * [Hemisphere=0]	.
[Session=3] * [Hemisphere=1]	.
[Session=1] * [Prime=0]	1,573189

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]	-,668476	,197265	159,145	-3,389	,001	-1,058071
[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]	-,029592	,109820	345,203	-,269	,788	-,245594
[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]	-,248907	,157123	175,478	-1,584	,115	-,559001
[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]	-,691462	,156733	186,827	-4,412	,000	-1,000657
[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]	,908256	,218691	347,960	4,153	,000	,478134
[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
[Session=1] * [Prime=1]	.
[Session=3] * [Prime=0]	.
[Session=3] * [Prime=1]	.
[Session=1] * [Target=0]	-,278882
[Session=1] * [Target=1]	.
[Session=3] * [Target=0]	.
[Session=3] * [Target=1]	.
[Hemisphere=0] * [Prime=0]	,186409
[Hemisphere=0] * [Prime=1]	.
[Hemisphere=1] * [Prime=0]	.
[Hemisphere=1] * [Prime=1]	.
[Hemisphere=0] * [Target=0]	,061186
[Hemisphere=0] * [Target=1]	.
[Hemisphere=1] * [Target=0]	.
[Hemisphere=1] * [Target=1]	.
[Prime=0] * [Target=0]	-,382267
[Prime=0] * [Target=1]	.
[Prime=1] * [Target=0]	.
[Prime=1] * [Target=1]	.
[Session=1] * [Hemisphere=0] * [Target=0]	1,338379
[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]	,416681	,218891	344,887	1,904	,058	-,013849
[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	.	.	.	.

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]	,847211
[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]	.

a. Dependent Variable: Visual_Response.

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]	,250450	,071735
	Var: [Session=1]* [Hemisphere=0]*[Prime=0]* [Target=1]	,216532	,063039
	Var: [Session=1]* [Hemisphere=0]*[Prime=1]* [Target=0]	,296267	,084910
	Var: [Session=1]* [Hemisphere=0]*[Prime=1]* [Target=1]	,266580	,076924
	Var: [Session=1]* [Hemisphere=1]*[Prime=0]* [Target=0]	,319501	,091357
	Var: [Session=1]* [Hemisphere=1]*[Prime=0]* [Target=1]	,342688	,098912
	Var: [Session=1]* [Hemisphere=1]*[Prime=1]* [Target=0]	,217746	,062419
	Var: [Session=1]* [Hemisphere=1]*[Prime=1]* [Target=1]	,379433	,110157
	Var: [Session=3]* [Hemisphere=0]*[Prime=0]* [Target=0]	,182880	,052620
	Var: [Session=3]* [Hemisphere=0]*[Prime=0]* [Target=1]	,341069	,098085
	Var: [Session=3]* [Hemisphere=0]*[Prime=1]* [Target=0]	,283801	,081468
	Var: [Session=3]* [Hemisphere=0]*[Prime=1]* [Target=1]	,402383	,115315
	Var: [Session=3]* [Hemisphere=1]*[Prime=0]* [Target=0]	,322090	,092326
	Var: [Session=3]* [Hemisphere=1]*[Prime=0]* [Target=1]	,224601	,064571
	Var: [Session=3]* [Hemisphere=1]*[Prime=1]* [Target=0]	,469530	,134746
	Var: [Session=3]* [Hemisphere=1]*[Prime=1]* [Target=1]	,274633	,079023
	CSH rho	-,010639	,016026

a. Dependent Variable: Visual_Response.

Residual Covariance (R) Matrix[a]

	[Session = 1]*[Hemisphere = 0]*[Prime = 0]*[Target = 0]	[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 = 0]*[Prime = 0]*[Target = 0]	,250450	-,002478	-,002898	-,002749
[Session = 1]*[Hemisphere = 0]*[Prime = 0]*[Target = 1]	-,002478	,216532	-,002695	-,002556
[Session = 1]*[Hemisphere = 0]*[Prime = 1]*[Target = 0]	-,002898	-,002695	,296267	-,002990
[Session = 1]*[Hemisphere = 0]*[Prime = 1]*[Target = 1]	-,002749	-,002556	-,002990	,266580
[Session = 1]*[Hemisphere = 1]*[Prime = 0]*[Target = 0]	-,003010	-,002798	-,003273	-,003105
[Session = 1]*[Hemisphere = 1]*[Prime = 0]*[Target = 1]	-,003117	-,002898	-,003390	-,003216
[Session = 1]*[Hemisphere = 1]*[Prime = 1]*[Target = 0]	-,002484	-,002310	-,002702	-,002563
[Session = 1]*[Hemisphere = 1]*[Prime = 1]*[Target = 1]	-,003280	-,003049	-,003567	-,003384
[Session = 3]*[Hemisphere = 0]*[Prime = 0]*[Target = 0]	-,002277	-,002117	-,002476	-,002349
[Session = 3]*[Hemisphere = 0]*[Prime = 0]*[Target = 1]	-,003109	-,002891	-,003382	-,003208
[Session = 3]*[Hemisphere = 0]*[Prime = 1]*[Target = 0]	-,002836	-,002637	-,003085	-,002926
[Session = 3]*[Hemisphere = 0]*[Prime = 1]*[Target = 1]	-,003377	-,003140	-,003673	-,003484
[Session = 3]*[Hemisphere = 1]*[Prime = 0]*[Target = 0]	-,003022	-,002810	-,003286	-,003117

Residual Covariance (R) Matrix[a]

	[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 = 1]*[Hemisphere = 0]*[Prime = 0]*[Target = 0]	-,003010	-,003117	-,002484	-,003280
[Session = 1]*[Hemisphere = 0]*[Prime = 0]*[Target = 1]	-,002798	-,002898	-,002310	-,003049
[Session = 1]*[Hemisphere = 0]*[Prime = 1]*[Target = 0]	-,003273	-,003390	-,002702	-,003567
[Session = 1]*[Hemisphere = 0]*[Prime = 1]*[Target = 1]	-,003105	-,003216	-,002563	-,003384
[Session = 1]*[Hemisphere = 1]*[Prime = 0]*[Target = 0]	,319501	-,003520	-,002806	-,003704
[Session = 1]*[Hemisphere = 1]*[Prime = 0]*[Target = 1]	-,003520	,342688	-,002906	-,003836
[Session = 1]*[Hemisphere = 1]*[Prime = 1]*[Target = 0]	-,002806	-,002906	,217746	-,003058
[Session = 1]*[Hemisphere = 1]*[Prime = 1]*[Target = 1]	-,003704	-,003836	-,003058	,379433
[Session = 3]*[Hemisphere = 0]*[Prime = 0]*[Target = 0]	-,002572	-,002663	-,002123	-,002803
[Session = 3]*[Hemisphere = 0]*[Prime = 0]*[Target = 1]	-,003512	-,003637	-,002899	-,003827
[Session = 3]*[Hemisphere = 0]*[Prime = 1]*[Target = 0]	-,003204	-,003318	-,002645	-,003491
[Session = 3]*[Hemisphere = 0]*[Prime = 1]*[Target = 1]	-,003815	-,003951	-,003149	-,004157
[Session = 3]*[Hemisphere = 1]*[Prime = 0]*[Target = 0]	-,003413	-,003535	-,002818	-,003719

Residual Covariance (R) Matrix[a]

	[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 = 1]*[Hemisphere = 0]*[Prime = 0]*[Target = 0]	-,002277	-,003109	-,002836	-,003377
[Session = 1]*[Hemisphere = 0]*[Prime = 0]*[Target = 1]	-,002117	-,002891	-,002637	-,003140
[Session = 1]*[Hemisphere = 0]*[Prime = 1]*[Target = 0]	-,002476	-,003382	-,003085	-,003673
[Session = 1]*[Hemisphere = 0]*[Prime = 1]*[Target = 1]	-,002349	-,003208	-,002926	-,003484
[Session = 1]*[Hemisphere = 1]*[Prime = 0]*[Target = 0]	-,002572	-,003512	-,003204	-,003815
[Session = 1]*[Hemisphere = 1]*[Prime = 0]*[Target = 1]	-,002663	-,003637	-,003318	-,003951
[Session = 1]*[Hemisphere = 1]*[Prime = 1]*[Target = 0]	-,002123	-,002899	-,002645	-,003149
[Session = 1]*[Hemisphere = 1]*[Prime = 1]*[Target = 1]	-,002803	-,003827	-,003491	-,004157
[Session = 3]*[Hemisphere = 0]*[Prime = 0]*[Target = 0]	,182880	-,002657	-,002424	-,002886
[Session = 3]*[Hemisphere = 0]*[Prime = 0]*[Target = 1]	-,002657	,341069	-,003310	-,003941
[Session = 3]*[Hemisphere = 0]*[Prime = 1]*[Target = 0]	-,002424	-,003310	,283801	-,003595
[Session = 3]*[Hemisphere = 0]*[Prime = 1]*[Target = 1]	-,002886	-,003941	-,003595	,402383
[Session = 3]*[Hemisphere = 1]*[Prime = 0]*[Target = 0]	-,002582	-,003526	-,003217	-,003830

Residual Covariance (R) Matrix[a]

	[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]
[Session = 1]*[Hemisphere = 0]*[Prime = 0]*[Target = 0]	-,003022	-,002523	-,003648	-,002790
[Session = 1]*[Hemisphere = 0]*[Prime = 0]*[Target = 1]	-,002810	-,002346	-,003392	-,002594
[Session = 1]*[Hemisphere = 0]*[Prime = 1]*[Target = 0]	-,003286	-,002744	-,003968	-,003035
[Session = 1]*[Hemisphere = 0]*[Prime = 1]*[Target = 1]	-,003117	-,002603	-,003764	-,002879
[Session = 1]*[Hemisphere = 1]*[Prime = 0]*[Target = 0]	-,003413	-,002850	-,004121	-,003151
[Session = 1]*[Hemisphere = 1]*[Prime = 0]*[Target = 1]	-,003535	-,002952	-,004268	-,003264
[Session = 1]*[Hemisphere = 1]*[Prime = 1]*[Target = 0]	-,002818	-,002353	-,003402	-,002602
[Session = 1]*[Hemisphere = 1]*[Prime = 1]*[Target = 1]	-,003719	-,003106	-,004491	-,003434
[Session = 3]*[Hemisphere = 0]*[Prime = 0]*[Target = 0]	-,002582	-,002156	-,003118	-,002384
[Session = 3]*[Hemisphere = 0]*[Prime = 0]*[Target = 1]	-,003526	-,002945	-,004257	-,003256
[Session = 3]*[Hemisphere = 0]*[Prime = 1]*[Target = 0]	-,003217	-,002686	-,003884	-,002970
[Session = 3]*[Hemisphere = 0]*[Prime = 1]*[Target = 1]	-,003830	-,003198	-,004624	-,003537
[Session = 3]*[Hemisphere = 1]*[Prime = 0]*[Target = 0]	,322090	-,002862	-,004137	-,003164

Residual Covariance (R) Matrix[a]

	[Session = 1]*[Hemisphere = 0]*[Prime = 0]*[Target = 0]	[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 = 3]*[Hemisphere = 1]*[Prime = 0]*[Target = 1]	-,002523	-,002346	-,002744	-,002603
[Session = 3]*[Hemisphere = 1]*[Prime = 1]*[Target = 0]	-,003648	-,003392	-,003968	-,003764
[Session = 3]*[Hemisphere = 1]*[Prime = 1]*[Target = 1]	-,002790	-,002594	-,003035	-,002879

Residual Covariance (R) Matrix[a]

	[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 = 1]*[Prime = 0]*[Target = 1]	-,002850	-,002952	-,002353	-,003106
[Session = 3]*[Hemisphere = 1]*[Prime = 1]*[Target = 0]	-,004121	-,004268	-,003402	-,004491
[Session = 3]*[Hemisphere = 1]*[Prime = 1]*[Target = 1]	-,003151	-,003264	-,002602	-,003434

Residual Covariance (R) Matrix[a]

	[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 = 1]	-,002156	-,002945	-,002686	-,003198
[Session = 3]*[Hemisphere = 1]*[Prime = 1]*[Target = 0]	-,003118	-,004257	-,003884	-,004624
[Session = 3]*[Hemisphere = 1]*[Prime = 1]*[Target = 1]	-,002384	-,003256	-,002970	-,003537

Residual Covariance (R) Matrix[a]

	[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]
[Session = 3]*[Hemisphere = 1]*[Prime = 0]*[Target = 1]	-,002862	,224601	-,003455	-,002642
[Session = 3]*[Hemisphere = 1]*[Prime = 1]*[Target = 0]	-,004137	-,003455	,469530	-,003820
[Session = 3]*[Hemisphere = 1]*[Prime = 1]*[Target = 1]	-,003164	-,002642	-,003820	,274633

Heterogeneous Compound Symmetry

a. Dependent Variable: Visual_Response.

Estimated Marginal Means

1. Session

Estimates[a]

Session	Mean	Std. Error	df	95% Confidence Interval	
				Lower Bound	Upper Bound
1	-3,224	,036	81,090	-3,296	-3,152
3	-3,687	,038	82,721	-3,762	-3,611

a. Dependent Variable: Visual_Response.

Pairwise Comparisons[a]

(I) Session	(J) Session	Mean Difference (I-J)	Std. Error	df	Sig.[c]	95% Confidence [c]...
						Lower Bound
1	3	,463*	,055	343,185	,000	,355
3	1	-,463*	,055	343,185	,000	-,571

Pairwise Comparisons[a]

(I) Session	(J) Session	95% Confidence Interval for [c]...
		Upper Bound
1	3	,571
3	1	-,355

Based on estimated marginal means

*. The mean difference is significant at the ,05 level.

a. Dependent Variable: Visual_Response.

c. Adjustment for multiple comparisons: Sidak.

Univariate Tests[a]

Numerator df	Denominator df	F	Sig.
1	343,185	70,955	,000

The F tests the effect of Session. This test is based on the linearly independent pairwise comparisons among the estimated marginal means.[a]

a. Dependent Variable: Visual_Response.

2. Session * Prime

Estimates[a]

Session	Prime	Mean	Std. Error	df	95% Confidence Interval	
					Lower Bound	Upper Bound
1	Low	-3,556	,052	87,314	-3,659	-3,452
	High	-2,892	,053	86,763	-2,997	-2,788
3	Low	-4,756	,050	89,428	-4,855	-4,656
	High	-2,618	,058	89,844	-2,733	-2,503

a. Dependent Variable: Visual_Response.

Pairwise Comparisons[a]

Prime	(I) Session	(J) Session	Mean Difference (I-J)	Std. Error	df	Sig.[c]
Low	1	3	1,200*	,074	188,717	,000
	3	1	-1,200*	,074	188,717	,000
High	1	3	-,274*	,080	188,513	,001
	3	1	,274*	,080	188,513	,001

Pairwise Comparisons[a]

Prime	(I) Session	(J) Session	95% Confidence Interval for Difference[c]	
			Lower Bound	Upper Bound
Low	1	3	1,054	1,346
	3	1	-1,346	-1,054
High	1	3	-,432	-,117
	3	1	,117	,432

Based on estimated marginal means

*. The mean difference is significant at the ,05 level.

a. Dependent Variable: Visual_Response.

c. Adjustment for multiple comparisons: Sidak.

Univariate Tests[a]

Prime	Numerator df	Denominator df	F	Sig.
Low	1	188,717	263,483	,000
High	1	188,513	11,772	,001

Each F tests the simple effects of Session within each level combination of the other effects shown. These tests are based on the linearly independent pairwise comparisons among the estimated marginal means.[a]

a. Dependent Variable: Visual_Response.

3. Session * Prime

Estimates[a]

Session	Prime	Mean	Std. Error	df	95% Confidence Interval	
					Lower Bound	Upper Bound
1	Low	-3,556	,052	87,314	-3,659	-3,452
	High	-2,892	,053	86,763	-2,997	-2,788
3	Low	-4,756	,050	89,428	-4,855	-4,656
	High	-2,618	,058	89,844	-2,733	-2,503

a. Dependent Variable: Visual_Response.

Pairwise Comparisons[a]

Session	(I) Prime	(J) Prime	Mean Difference (I-J)	Std. Error	df	Sig.[c]	95% Confidence [c]... Lower Bound
1	Low	High	-,663*	,075	183,978	,000	-,812
	High	Low	,663*	,075	183,978	,000	,515
3	Low	High	-2,138*	,077	173,937	,000	-2,291
	High	Low	2,138*	,077	173,937	,000	1,985

Pairwise Comparisons[a]

Session	(I) Prime	(J) Prime	95% Confidence Interval for [c]... Upper Bound
1	Low	High	-,515
	High	Low	,812
3	Low	High	-1,985
	High	Low	2,291

Based on estimated marginal means

*. The mean difference is significant at the ,05 level.

a. Dependent Variable: Visual_Response.

c. Adjustment for multiple comparisons: Sidak.

Univariate Tests[a]

Session	Numerator df	Denominator df	F	Sig.
1	1	183,978	77,344	,000
3	1	173,937	763,511	,000

Each F tests the simple effects of Prime within each level combination of the other effects shown. These tests are based on the linearly independent pairwise comparisons among the estimated marginal means.[a]

a. Dependent Variable: Visual_Response.

4. Session * Prime * Target

Estimates[a]

Session	Prime	Target	Mean	Std. Error	df	95% Confidence Interval	
						Lower Bound	Upper Bound
1	Low	Low	-4,184	,075	48,451	-4,335	-4,034
		High	-2,927	,074	48,861	-3,075	-2,779
	High	Low	-3,384	,071	48,756	-3,526	-3,241
		High	-2,401	,079	48,484	-2,561	-2,241
3	Low	Low	-5,486	,070	49,235	-5,626	-5,345
		High	-4,026	,074	49,010	-4,175	-3,876
	High	Low	-3,002	,085	50,063	-3,173	-2,831
		High	-2,234	,081	48,959	-2,397	-2,070

a. Dependent Variable: Visual_Response.

Pairwise Comparisons[a]

Prime	Target	(I) Session	(J) Session	Mean Difference (I-J)	Std. Error	df	Sig.[c]
Low	Low	1	3	1,301*	,103	97,326	,000
		3	1	-1,301*	,103	97,326	,000
	High	1	3	1,099*	,106	94,260	,000
		3	1	-1,099*	,106	94,260	,000
High	Low	1	3	-,382*	,112	93,257	,001
		3	1	,382*	,112	93,257	,001
	High	1	3	-,167	,115	96,185	,149
		3	1	,167	,115	96,185	,149

Pairwise Comparisons[a]

Prime	Target	(I) Session	(J) Session	95% Confidence Interval for Difference[c]	
				Lower Bound	Upper Bound
Low	Low	1	3	1,096	1,506
		3	1	-1,506	-1,096
	High	1	3	,888	1,309
		3	1	-1,309	-,888
High	Low	1	3	-,605	-,159
		3	1	,159	,605
	High	1	3	-,396	,061
		3	1	-,061	,396

Based on estimated marginal means

*. The mean difference is significant at the ,05 level.

a. Dependent Variable: Visual_Response.

c. Adjustment for multiple comparisons: Sidak.

Univariate Tests[a]

Prime	Target	Numerator df	Denominator df	F	Sig.
Low	Low	1	97,326	158,650	,000
	High	1	94,260	107,369	,000
High	Low	1	93,257	11,547	,001
	High	1	96,185	2,113	,149

Each F tests the simple effects of Session within each level combination of the other effects shown. These tests are based on the linearly independent pairwise comparisons among the estimated marginal means.[a]

a. Dependent Variable: Visual_Response.

5. Session * Hemisphere * Target

Estimates[a]

Session	Hemisphere	Target	Mean	Std. Error	df	95% Confidence Interval	
						Lower Bound	Upper Bound
1	Left	Low	-3,852	,073	48,516	-3,999	-3,704
		High	-3,061	,069	48,023	-3,200	-2,922
	Right	Low	-3,717	,072	48,811	-3,862	-3,571
		High	-2,267	,084	47,981	-2,437	-2,097
3	Left	Low	-4,510	,067	48,837	-4,645	-4,374
		High	-3,271	,086	48,302	-3,443	-3,099
	Right	Low	-3,978	,088	49,321	-4,154	-3,801
		High	-2,988	,070	48,304	-3,129	-2,847

a. Dependent Variable: Visual_Response.

Pairwise Comparisons[a]

Hemisphere	Target	(I) Session	(J) Session	Mean Difference (I-J)	Std. Error	df
Left	Low	1	3	,658*	,101	95,662
		3	1	-,658*	,101	95,662
	High	1	3	,210	,111	91,878
		3	1	-,210	,111	91,878
Right	Low	1	3	,261*	,115	93,378
		3	1	-,261*	,115	93,378
	High	1	3	,721*	,111	91,278
		3	1	-,721*	,111	91,278

Pairwise Comparisons[a]

Hemisphere	Target	(I) Session	(J) Session	Sig.[c]	95% Confidence Interval for Difference[c]	
					Lower Bound	Upper Bound
Left	Low	1	3	,000	,458	,858
		3	1	,000	-,858	-,458
	High	1	3	,062	-,011	,431
		3	1	,062	-,431	,011
Right	Low	1	3	,026	,032	,490
		3	1	,026	-,490	-,032
	High	1	3	,000	,501	,942
		3	1	,000	-,942	-,501

Based on estimated marginal means

*. The mean difference is significant at the ,05 level.

a. Dependent Variable: Visual_Response.

c. Adjustment for multiple comparisons: Sidak.

Univariate Tests[a]

Hemisphere	Target	Numerator df	Denominator df	F	Sig.
Left	Low	1	95,662	42,712	,000
	High	1	91,878	3,578	,062
Right	Low	1	93,378	5,133	,026
	High	1	91,278	42,273	,000

Each F tests the simple effects of Session within each level combination of the other effects shown. These tests are based on the linearly independent pairwise comparisons among the estimated marginal means.[a]

a. Dependent Variable: Visual_Response.