General Linear Model

[DataSet5] /Users/Erin/Dropbox/debiasing judgments/experiments spring 2011/associative judgments load/subject data.sav

Within-Subjects Factors

Measure:MEASURE_1

fsg	bsg	Dependent Variable
1	1	LL
	2	LH
2	1	HL
	2	HH

Between-Subjects Factors

		Value Label	N
load	0	no load	51
	1	load	51
instr	0	control	53
	1	debias	49

Descriptive Statistics

	load	instr	Mean	Std. Deviation	N
LL	no load	control	51.63	13.351	27
		debias	34.95	14.632	24
		Total	43.78	16.182	51
	load	control	53.59	15.533	26
		debias	50.02	14.157	25
		Total	51.84	14.835	51
	Total	control	52.59	14.356	53
		debias	42.64	16.146	49
		Total	47.81	15.968	102
LH	no load	control	53.45	14.288	27
		debias	41.18	16.383	24
		Total	47.68	16.366	51
	load	control	57.16	15.258	26
		debias	53.50	13.287	25
		Total	55.37	14.302	51

Descriptive Statistics

	load	instr	Mean	Std. Deviation	N
LH	Total	control	55.27	14.748	53
		debias	47.47	15.987	49
		Total	51.52	15.773	102
HL	no load	control	64.69	12.705	27
		debias	62.87	12.642	24
		Total	63.83	12.581	51
	load	control	66.71	12.339	26
		debias	65.42	13.579	25
		Total	66.08	12.848	51
	Total	control	65.68	12.448	53
		debias	64.17	13.055	49
		Total	64.95	12.702	102
HH	no load	control	74.31	13.692	27
		debias	71.10	12.640	24
		Total	72.80	13.176	51
	load	control	75.06	13.839	26
		debias	74.55	13.139	25
		Total	74.81	13.368	51
	Total	control	74.68	13.637	53
		debias	72.86	12.881	49
		Total	73.81	13.245	102

Tests of Within-Subjects Effects

Measure:MEASURE_1

Source		Type III Sum of Squares	df	Mean Square	F
fsg	Sphericity Assumed	40327.957	1	40327.957	266.630
	Greenhouse-Geisser	40327.957	1.000	40327.957	266.630
	Huynh-Feldt	40327.957	1.000	40327.957	266.630
	Lower-bound	40327.957	1.000	40327.957	266.630
fsg * load	Sphericity Assumed	937.252	1	937.252	6.197
	Greenhouse-Geisser	937.252	1.000	937.252	6.197
	Huynh-Feldt	937.252	1.000	937.252	6.197
	Lower-bound	937.252	1.000	937.252	6.197
fsg * instr	Sphericity Assumed	1368.737	1	1368.737	9.049
	Greenhouse-Geisser	1368.737	1.000	1368.737	9.049
	Huynh-Feldt	1368.737	1.000	1368.737	9.049
	Lower-bound	1368.737	1.000	1368.737	9.049
fsg * load * instr	Sphericity Assumed	543.544	1	543.544	3.594
	Greenhouse-Geisser	543.544	1.000	543.544	3.594
	Huynh-Feldt	543.544	1.000	543.544	3.594
	Lower-bound	543.544	1.000	543.544	3.594
Error(fsg)	Sphericity Assumed	14822.571	98	151.251	
	Greenhouse-Geisser	14822.571	98.000	151.251	
	Huynh-Feldt	14822.571	98.000	151.251	
	Lower-bound	14822.571	98.000	151.251	
bsg	Sphericity Assumed	4048.860	1	4048.860	61.360
	Greenhouse-Geisser	4048.860	1.000	4048.860	61.360
	Huynh-Feldt	4048.860	1.000	4048.860	61.360
	Lower-bound	4048.860	1.000	4048.860	61.360
bsg * load	Sphericity Assumed	2.993	1	2.993	.045
	Greenhouse-Geisser	2.993	1.000	2.993	.045
	Huynh-Feldt	2.993	1.000	2.993	.045
	Lower-bound	2.993	1.000	2.993	.045
bsg * instr	Sphericity Assumed	21.828	1	21.828	.331
	Greenhouse-Geisser	21.828	1.000	21.828	.331
	Huynh-Feldt	21.828	1.000	21.828	.331
	Lower-bound	21.828	1.000	21.828	.331
bsg * load * instr	Sphericity Assumed	8.538	1	8.538	.129
	Greenhouse-Geisser	8.538	1.000	8.538	.129
	Huynh-Feldt	8.538	1.000	8.538	.129
	Lower-bound	8.538	1.000	8.538	.129
Error(bsg)	Sphericity Assumed	6466.568	98	65.985	
	Greenhouse-Geisser	6466.568	98.000	65.985	
	Huynh-Feldt	6466.568	98.000	65.985	

Tests of Within-Subjects Effects

Measure:MEASURE_1

Source		Sig.	Partial Eta Squared
fsg	Sphericity Assumed	.000	.731
	Greenhouse-Geisser	.000	.731
	Huynh-Feldt	.000	.731
	Lower-bound	.000	.731
fsg * load	Sphericity Assumed	.014	.059
	Greenhouse-Geisser	.014	.059
	Huynh-Feldt	.014	.059
	Lower-bound	.014	.059
fsg * instr	Sphericity Assumed	.003	.085
	Greenhouse-Geisser	.003	.085
	Huynh-Feldt	.003	.085
	Lower-bound	.003	.085
fsg * load * instr	Sphericity Assumed	.061	.035
	Greenhouse-Geisser	.061	.035
	Huynh-Feldt	.061	.035
	Lower-bound	.061	.035
bsg	Sphericity Assumed	.000	.385
	Greenhouse-Geisser	.000	.385
	Huynh-Feldt	.000	.385
	Lower-bound	.000	.385
bsg * load	Sphericity Assumed	.832	.000
	Greenhouse-Geisser	.832	.000
	Huynh-Feldt	.832	.000
	Lower-bound	.832	.000
bsg * instr	Sphericity Assumed	.567	.003
	Greenhouse-Geisser	.567	.003
	Huynh-Feldt	.567	.003
	Lower-bound	.567	.003
bsg * load * instr	Sphericity Assumed	.720	.001
	Greenhouse-Geisser	.720	.001
	Huynh-Feldt	.720	.001
	Lower-bound	.720	.001

Tests of Within-Subjects Effects

Measure:MEASURE_1

Source		Type III Sum of Squares	df	Mean Square	F
Error(bsg)	Lower-bound	6466.568	98.000	65.985	
fsg * bsg	Sphericity Assumed	651.015	1	651.015	19.430
	Greenhouse-Geisser	651.015	1.000	651.015	19.430
	Huynh-Feldt	651.015	1.000	651.015	19.430
	Lower-bound	651.015	1.000	651.015	19.430
fsg * bsg * load	Sphericity Assumed	.614	1	.614	.018
	Greenhouse-Geisser	.614	1.000	.614	.018
	Huynh-Feldt	.614	1.000	.614	.018
	Lower-bound	.614	1.000	.614	.018
fsg * bsg * instr	Sphericity Assumed	38.788	1	38.788	1.158
	Greenhouse-Geisser	38.788	1.000	38.788	1.158
	Huynh-Feldt	38.788	1.000	38.788	1.158
	Lower-bound	38.788	1.000	38.788	1.158
fsg * bsg * load * instr	Sphericity Assumed	71.130	1	71.130	2.123
	Greenhouse-Geisser	71.130	1.000	71.130	2.123
	Huynh-Feldt	71.130	1.000	71.130	2.123
	Lower-bound	71.130	1.000	71.130	2.123
Error(fsg*bsg)	Sphericity Assumed	3283.510	98	33.505	
	Greenhouse-Geisser	3283.510	98.000	33.505	
	Huynh-Feldt	3283.510	98.000	33.505	
	Lower-bound	3283.510	98.000	33.505	

Tests of Within-Subjects Effects

Measure:MEASURE_1

Source		Sig.	Partial Eta Squared
fsg * bsg	Sphericity Assumed	.000	.165
	Greenhouse-Geisser	.000	.165
	Huynh-Feldt	.000	.165
	Lower-bound	.000	.165
fsg * bsg * load	Sphericity Assumed	.893	.000
	Greenhouse-Geisser	.893	.000
	Huynh-Feldt	.893	.000
	Lower-bound	.893	.000
fsg * bsg * instr	Sphericity Assumed	.285	.012
	Greenhouse-Geisser	.285	.012
	Huynh-Feldt	.285	.012
	Lower-bound	.285	.012
fsg * bsg * load * instr	Sphericity Assumed	.148	.021
	Greenhouse-Geisser	.148	.021
	Huynh-Feldt	.148	.021
	Lower-bound	.148	.021

Tests of Between-Subjects Effects

Measure:MEASURE_1
Transformed Variable:Average

Source	Type III Sum of Squares	df	Mean Square	F	Sig.	Partial Eta Squared
Intercept	1.436E6	1	1.436E6	2762.412	.000	.966
load	2782.270	1	2782.270	5.352	.023	.052
instr	2943.395	1	2943.395	5.662	.019	.055
load * instr	989.762	1	989.762	1.904	.171	.019
Error	50948.980	98	519.888			

Estimated Marginal Means

1. load

Measure:MEASURE_1

load	Mean	Std. Error	95% Confidence Interval	
			Lower Bound	Upper Bound
no load	56.773	1.599	53.599	59.946
load	62.000	1.597	58.832	65.169

2. instr

Measure:MEASURE_1

instr	Mean	Std. Error	95% Confidence Interval	
			Lower Bound	Upper Bound
control	62.075	1.566	58.967	65.183
debias	56.698	1.629	53.465	59.931

3. fsg

Measure:MEASURE_1

fsg	Mean	Std. Error	95% Confidence Interval	
			Lower Bound	Upper Bound
1	49.435	1.398	46.660	52.210
2	69.338	1.158	67.040	71.636

4. bsg

Measure:MEASURE_1

bsg	Mean	Std. Error	95% Confidence Interval	
			Lower Bound	Upper Bound
1	56.233	1.203	53.846	58.620
2	62.540	1.196	60.166	64.913

5. load * instr

Measure:MEASURE_1

load	instr	Mean	Std. Error	95% Confidence Interval	
				Lower Bound	Upper Bound
no load	control	61.020	2.194	56.666	65.374
	debias	52.525	2.327	47.907	57.143
load	control	63.130	2.236	58.693	67.567
	debias	60.871	2.280	56.346	65.396

6. load * fsg

Measure:MEASURE_1

load	fsg	Mean	Std. Error	95% Confidence Interval	
				Lower Bound	Upper Bound
no load	1	45.304	1.979	41.376	49.231
	2	68.241	1.639	64.989	71.493
load	1	53.566	1.976	49.644	57.487
	2	70.435	1.636	67.188	73.682

7. load * bsg

Measure:MEASURE_1

load	bsg	Mean	Std. Error	95% Confidence Interval	
				Lower Bound	Upper Bound
no load	1	53.534	1.702	50.155	56.912
	2	60.011	1.693	56.652	63.371
load	1	58.933	1.700	55.560	62.306
	2	65.068	1.690	61.714	68.422

8. instr * fsg

Measure:MEASURE_1

instr	fsg	Mean	Std. Error	95% Confidence Interval	
				Lower Bound	Upper Bound
control	1	53.957	1.938	50.110	57.804
	2	70.193	1.605	67.008	73.378
debias	1	44.913	2.016	40.912	48.914
	2	68.483	1.669	65.170	71.796

9. instr * bsg

Measure:MEASURE_1

instr	bsg	Mean	Std. Error	95% Confidence Interval	
				Lower Bound	Upper Bound
control	1	59.153	1.667	55.844	62.462
	2	64.997	1.658	61.707	68.287
debias	1	53.313	1.734	49.872	56.755
	2	60.083	1.724	56.661	63.504

10. fsg * bsg

Measure:MEASURE_1

fsg	bsg	Mean	Std. Error	95% Confidence Interval	
				Lower Bound	Upper Bound
1	1	47.546	1.430	44.708	50.384
	2	51.324	1.469	48.408	54.239
2	1	64.920	1.270	62.399	67.442
	2	73.756	1.324	71.129	76.382

11. load * instr * fsg

Measure:MEASURE_1

load	instr	fsg	Mean	Std. Error	95% Confidence Interval	
					Lower Bound	Upper Bound
no load	control	1	52.540	2.715	47.151	57.929
		2	69.500	2.248	65.038	73.962
	debias	1	38.068	2.880	32.352	43.783
		2	66.982	2.385	62.250	71.715
load	control	1	55.373	2.767	49.882	60.865
		2	70.886	2.291	66.339	75.433
	debias	1	51.758	2.822	46.158	57.358
		2	69.983	2.337	65.347	74.620

12. load * instr * bsg

Measure:MEASURE_1

load	instr	bsg	Mean	Std. Error	95% Confidence Interval	
					Lower Bound	Upper Bound
no load	control	1	58.157	2.336	53.522	62.793
		2	63.883	2.322	59.274	68.491
	debias	1	48.910	2.477	43.993	53.826
		2	56.140	2.463	51.252	61.029
load	control	1	60.149	2.380	55.425	64.873
		2	66.111	2.367	61.414	70.807
	debias	1	57.717	2.427	52.899	62.534
		2	64.025	2.414	59.235	68.815

13. load * fsg * bsg

Measure:MEASURE_1

load	fsg	bsg	Mean	Std. Error	95% Confidence Interval	
					Lower Bound	Upper Bound
no load	1	1	43.290	2.024	39.274	47.307
		2	47.317	2.079	43.191	51.444
	2	1	63.777	1.798	60.208	67.345
		2	72.706	1.873	68.988	76.423
load	1	1	51.802	2.021	47.792	55.812
		2	55.330	2.076	51.210	59.450
	2	1	66.064	1.795	62.501	69.627
		2	74.806	1.870	71.094	78.517

14. instr * fsg * bsg

Measure:MEASURE_1

instr	fsg	bsg	Mean	Std. Error	95% Confidence Interval	
					Lower Bound	Upper Bound
control	1	1	52.608	1.982	48.674	56.542
		2	55.305	2.037	51.264	59.347
	2	1	65.698	1.761	62.204	69.193
		2	74.688	1.835	71.047	78.329
debias	1	1	42.484	2.062	38.393	46.575
		2	47.342	2.118	43.138	51.546
	2	1	64.142	1.832	60.507	67.777
		2	72.823	1.908	69.036	76.610

15. load * instr * fsg * bsg

Measure:MEASURE_1

load	instr	fsg	bsg	Mean	Std. Error	95% Confidence Interval	
						Lower Bound	Upper Bound
no load	control	1	1	51.630	2.777	46.119	57.140
			2	53.451	2.853	47.789	59.112
		2	1	64.685	2.467	59.790	69.581
			2	74.315	2.570	69.214	79.415
	debias	1	1	34.951	2.945	29.107	40.796
			2	41.184	3.026	35.179	47.189
		2	1	62.868	2.617	57.675	68.061
			2	71.097	2.726	65.687	76.507
load	control	1	1	53.587	2.830	47.971	59.202
			2	57.160	2.907	51.391	62.930
		2	1	66.712	2.514	61.723	71.700
			2	75.061	2.619	69.863	80.259
	debias	1	1	50.017	2.886	44.290	55.743
			2	53.500	2.965	47.616	59.384
		2	1	65.417	2.564	60.329	70.504
			2	74.550	2.671	69.249	79.851