General Linear Model
control load versus exp load - fsg by bsg by instruction

[DataSet1] /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
instr	0	control	26
	1	debias	25

Tests of Within-Subjects Effects

Measure:MEASURE_1

Source		Type III Sum of Squares	df	Mean Square	F	Sig.	Partial Eta Squared
fsg	Sphericity Assumed	14506.992	1	14506.992	106.402	.000	.685
	Greenhouse-Geisser	14506.992	1.000	14506.992	106.402	.000	.685
	Huynh-Feldt	14506.992	1.000	14506.992	106.402	.000	.685
	Lower-bound	14506.992	1.000	14506.992	106.402	.000	.685
fsg * instr	Sphericity Assumed	93.749	1	93.749	.688	.411	.014
	Greenhouse-Geisser	93.749	1.000	93.749	.688	.411	.014
	Huynh-Feldt	93.749	1.000	93.749	.688	.411	.014
	Lower-bound	93.749	1.000	93.749	.688	.411	.014
Error(fsg)	Sphericity Assumed	6680.747	49	136.342			
	Greenhouse-Geisser	6680.747	49.000	136.342			
	Huynh-Feldt	6680.747	49.000	136.342			
	Lower-bound	6680.747	49.000	136.342			
bsg	Sphericity Assumed	1918.798	1	1918.798	57.624	.000	.540
	Greenhouse-Geisser	1918.798	1.000	1918.798	57.624	.000	.540
	Huynh-Feldt	1918.798	1.000	1918.798	57.624	.000	.540
	Lower-bound	1918.798	1.000	1918.798	57.624	.000	.540
bsg * instr	Sphericity Assumed	1.534	1	1.534	.046	.831	.001
	Greenhouse-Geisser	1.534	1.000	1.534	.046	.831	.001
	Huynh-Feldt	1.534	1.000	1.534	.046	.831	.001
	Lower-bound	1.534	1.000	1.534	.046	.831	.001
Error(bsg)	Sphericity Assumed	1631.625	49	33.298			
	Greenhouse-Geisser	1631.625	49.000	33.298			
	Huynh-Feldt	1631.625	49.000	33.298			
	Lower-bound	1631.625	49.000	33.298			

Tests of Within-Subjects Effects

Measure:MEASURE_1

Source		Type III Sum of Squares	df	Mean Square	F	Sig.	Partial Eta Squared
fsg * bsg	Sphericity Assumed	346.346	1	346.346	11.779	.001	.194
	Greenhouse-Geisser	346.346	1.000	346.346	11.779	.001	.194
	Huynh-Feldt	346.346	1.000	346.346	11.779	.001	.194
	Lower-bound	346.346	1.000	346.346	11.779	.001	.194
fsg * bsg * instr	Sphericity Assumed	2.437	1	2.437	.083	.775	.002
	Greenhouse-Geisser	2.437	1.000	2.437	.083	.775	.002
	Huynh-Feldt	2.437	1.000	2.437	.083	.775	.002
	Lower-bound	2.437	1.000	2.437	.083	.775	.002
Error(fsg*bsg)	Sphericity Assumed	1440.805	49	29.404			
	Greenhouse-Geisser	1440.805	49.000	29.404			
	Huynh-Feldt	1440.805	49.000	29.404			
	Lower-bound	1440.805	49.000	29.404			

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	783882.572	1	783882.572	1356.840	.000	.965
instr	260.152	1	260.152	.450	.505	.009
Error	28308.599	49	577.727			

Estimated Marginal Means

1. instr

Measure:MEASURE_1

instr	Mean	Std. Error	95% Confidence Interval	
			Lower Bound	Upper Bound
control	63.130	2.357	58.393	67.866
debias	60.871	2.404	56.041	65.701

2. fsg

Measure:MEASURE_1

fsg	Mean	Std. Error	95% Confidence Interval	
			Lower Bound	Upper Bound
1	53.566	2.003	49.541	57.590
2	70.435	1.730	66.958	73.911

3. bsg

Measure:MEASURE_1

bsg	Mean	Std. Error	95% Confidence Interval	
			Lower Bound	Upper Bound
1	58.933	1.761	55.395	62.471
2	65.068	1.701	61.650	68.486

4. instr * fsg

Measure:MEASURE_1

instr	fsg	Mean	Std. Error	95% Confidence Interval	
				Lower Bound	Upper Bound
control	1	55.373	2.804	49.738	61.009
	2	70.886	2.422	66.018	75.754
debias	1	51.758	2.860	46.011	57.505
	2	69.983	2.470	65.019	74.948

5. instr * bsg

Measure:MEASURE_1

instr	bsg	Mean	Std. Error	95% Confidence Interval	
				Lower Bound	Upper Bound
control	1	60.149	2.465	55.195	65.103
	2	66.111	2.382	61.324	70.897
debias	1	57.717	2.514	52.664	62.769
	2	64.025	2.429	59.144	68.906

6. fsg * bsg

Measure:MEASURE_1

fsg	bsg	Mean	Std. Error	95% Confidence Interval	
				Lower Bound	Upper Bound
1	1	51.802	2.083	47.615	55.988
	2	55.330	2.006	51.298	59.362
2	1	66.064	1.815	62.416	69.712
	2	74.806	1.891	71.006	78.605

7. instr * fsg * bsg

Measure:MEASURE_1

instr	fsg	bsg	Mean	Std. Error	95% Confidence Interval	
					Lower Bound	Upper Bound
control	1	1	53.587	2.917	47.724	59.449
		2	57.160	2.810	51.514	62.806
	2	1	66.712	2.542	61.603	71.820
		2	75.061	2.648	69.740	80.382
debias	1	1	50.017	2.975	44.038	55.995
		2	53.500	2.865	47.742	59.258
	2	1	65.417	2.592	60.207	70.626
		2	74.550	2.700	69.124	79.976

General Linear Model

control load versus exp load fsg y bsg by instruction by follow up

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[DataSet1] /Users/Erin/Dropbox/debiasing judgments/experiments spring 2011/associative judgment
s load/subject data.sav
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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
instr	0	control	26
	1	debias	25
followup	.00		25
	1.00		26

Tests of Within-Subjects Effects

Measure:MEASURE_1

Source		Type III Sum of Squares	df	Mean Square	F
fsg	Sphericity Assumed	14265.173	1	14265.173	102.657
	Greenhouse-Geisser	14265.173	1.000	14265.173	102.657
	Huynh-Feldt	14265.173	1.000	14265.173	102.657
	Lower-bound	14265.173	1.000	14265.173	102.657
fsg * instr	Sphericity Assumed	136.651	1	136.651	.983
	Greenhouse-Geisser	136.651	1.000	136.651	.983
	Huynh-Feldt	136.651	1.000	136.651	.983
	Lower-bound	136.651	1.000	136.651	.983
fsg * followup	Sphericity Assumed	137.789	1	137.789	.992
	Greenhouse-Geisser	137.789	1.000	137.789	.992
	Huynh-Feldt	137.789	1.000	137.789	.992
	Lower-bound	137.789	1.000	137.789	.992
fsg * instr * followup	Sphericity Assumed	14.243	1	14.243	.102
	Greenhouse-Geisser	14.243	1.000	14.243	.102
	Huynh-Feldt	14.243	1.000	14.243	.102
	Lower-bound	14.243	1.000	14.243	.102
Error(fsg)	Sphericity Assumed	6531.081	47	138.959	
	Greenhouse-Geisser	6531.081	47.000	138.959	
	Huynh-Feldt	6531.081	47.000	138.959	
	Lower-bound	6531.081	47.000	138.959	
bsg	Sphericity Assumed	1875.770	1	1875.770	54.091
	Greenhouse-Geisser	1875.770	1.000	1875.770	54.091
	Huynh-Feldt	1875.770	1.000	1875.770	54.091
	Lower-bound	1875.770	1.000	1875.770	54.091
bsg * instr	Sphericity Assumed	1.891	1	1.891	.055
	Greenhouse-Geisser	1.891	1.000	1.891	.055
	Huynh-Feldt	1.891	1.000	1.891	.055
	Lower-bound	1.891	1.000	1.891	.055

Tests of Within-Subjects Effects

Measure:MEASURE_1

Source		Sig.	Partial Eta Squared
fsg	Sphericity Assumed	.000	.686
	Greenhouse-Geisser	.000	.686
	Huynh-Feldt	.000	.686
	Lower-bound	.000	.686
fsg * instr	Sphericity Assumed	.326	.020
	Greenhouse-Geisser	.326	.020
	Huynh-Feldt	.326	.020
	Lower-bound	.326	.020
fsg * followup	Sphericity Assumed	.324	.021
	Greenhouse-Geisser	.324	.021
	Huynh-Feldt	.324	.021
	Lower-bound	.324	.021
fsg * instr * followup	Sphericity Assumed	.750	.002
	Greenhouse-Geisser	.750	.002
	Huynh-Feldt	.750	.002
	Lower-bound	.750	.002
bsg	Sphericity Assumed	.000	.535
	Greenhouse-Geisser	.000	.535
	Huynh-Feldt	.000	.535
	Lower-bound	.000	.535
bsg * instr	Sphericity Assumed	.816	.001
	Greenhouse-Geisser	.816	.001
	Huynh-Feldt	.816	.001
	Lower-bound	.816	.001

Tests of Within-Subjects Effects

Measure:MEASURE_1

Source		Type III Sum of Squares	df	Mean Square	F
bsg * followup	Sphericity Assumed	.549	1	.549	.016
	Greenhouse-Geisser	.549	1.000	.549	.016
	Huynh-Feldt	.549	1.000	.549	.016
	Lower-bound	.549	1.000	.549	.016
bsg * instr * followup	Sphericity Assumed	1.239	1	1.239	.036
	Greenhouse-Geisser	1.239	1.000	1.239	.036
	Huynh-Feldt	1.239	1.000	1.239	.036
	Lower-bound	1.239	1.000	1.239	.036
Error(bsg)	Sphericity Assumed	1629.882	47	34.678	
	Greenhouse-Geisser	1629.882	47.000	34.678	
	Huynh-Feldt	1629.882	47.000	34.678	
	Lower-bound	1629.882	47.000	34.678	
fsg * bsg	Sphericity Assumed	361.550	1	361.550	11.924
	Greenhouse-Geisser	361.550	1.000	361.550	11.924
	Huynh-Feldt	361.550	1.000	361.550	11.924
	Lower-bound	361.550	1.000	361.550	11.924
fsg * bsg * instr	Sphericity Assumed	3.299	1	3.299	.109
	Greenhouse-Geisser	3.299	1.000	3.299	.109
	Huynh-Feldt	3.299	1.000	3.299	.109
	Lower-bound	3.299	1.000	3.299	.109
fsg * bsg * followup	Sphericity Assumed	1.176	1	1.176	.039
	Greenhouse-Geisser	1.176	1.000	1.176	.039
	Huynh-Feldt	1.176	1.000	1.176	.039
	Lower-bound	1.176	1.000	1.176	.039
fsg * bsg * instr * followup	Sphericity Assumed	14.767	1	14.767	.487
	Greenhouse-Geisser	14.767	1.000	14.767	.487
	Huynh-Feldt	14.767	1.000	14.767	.487
	Lower-bound	14.767	1.000	14.767	.487
Error(fsg*bsg)	Sphericity Assumed	1425.083	47	30.321	
	Greenhouse-Geisser	1425.083	47.000	30.321	
	Huynh-Feldt	1425.083	47.000	30.321	
	Lower-bound	1425.083	47.000	30.321	

Tests of Within-Subjects Effects

Measure:MEASURE_1

Source		Sig.	Partial Eta Squared
bsg * followup	Sphericity Assumed	.900	.000
	Greenhouse-Geisser	.900	.000
	Huynh-Feldt	.900	.000
	Lower-bound	.900	.000
bsg * instr * followup	Sphericity Assumed	.851	.001
	Greenhouse-Geisser	.851	.001
	Huynh-Feldt	.851	.001
	Lower-bound	.851	.001
fsg * bsg	Sphericity Assumed	.001	.202
	Greenhouse-Geisser	.001	.202
	Huynh-Feldt	.001	.202
	Lower-bound	.001	.202
fsg * bsg * instr	Sphericity Assumed	.743	.002
	Greenhouse-Geisser	.743	.002
	Huynh-Feldt	.743	.002
	Lower-bound	.743	.002
fsg * bsg * followup	Sphericity Assumed	.845	.001
	Greenhouse-Geisser	.845	.001
	Huynh-Feldt	.845	.001
	Lower-bound	.845	.001
fsg * bsg * instr * followup	Sphericity Assumed	.489	.010
	Greenhouse-Geisser	.489	.010
	Huynh-Feldt	.489	.010
	Lower-bound	.489	.010

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	758235.016	1	758235.016	1291.548	.000	.965
instr	421.877	1	421.877	.719	.401	.015
followup	709.563	1	709.563	1.209	.277	.025
instr * followup	3.267	1	3.267	.006	.941	.000
Error	27592.506	47	587.075			

Estimated Marginal Means

1. instr

Measure:MEASURE_1

instr	Mean	Std. Error	95% Confidence Interval	
			Lower Bound	Upper Bound
control	63.441	2.405	58.604	68.279
debias	60.517	2.473	55.542	65.492

2. fsg

Measure:MEASURE_1

fsg	Mean	Std. Error	95% Confidence Interval	
			Lower Bound	Upper Bound
1	53.478	2.040	49.374	57.582
2	70.481	1.788	66.884	74.077

3. bsg

Measure:MEASURE_1

bsg	Mean	Std. Error	95% Confidence Interval	
			Lower Bound	Upper Bound
1	58.897	1.805	55.266	62.528
2	65.062	1.744	61.553	68.571

4. instr * fsg

Measure:MEASURE_1

instr	fsg	Mean	Std. Error	95% Confidence Interval	
				Lower Bound	Upper Bound
control	1	55.772	2.844	50.051	61.494
	2	71.111	2.492	66.097	76.124
debias	1	51.184	2.925	45.300	57.068
	2	69.851	2.563	64.694	75.007

5. instr * bsg

Measure:MEASURE_1

instr	bsg	Mean	Std. Error	95% Confidence Interval	
				Lower Bound	Upper Bound
control	1	60.456	2.516	55.394	65.519
	2	66.426	2.432	61.534	71.319
debias	1	57.337	2.588	52.130	62.543
	2	63.698	2.501	58.666	68.730

6. fsg * bsg

Measure:MEASURE_1

fsg	bsg	Mean	Std. Error	95% Confidence Interval	
				Lower Bound	Upper Bound
1	1	51.749	2.126	47.472	56.025
	2	55.207	2.043	51.098	59.317
2	1	66.044	1.876	62.271	69.818
	2	74.917	1.954	70.985	78.848

7. instr * fsg * bsg

Measure:MEASURE_1

instr	fsg	bsg	Mean	Std. Error	95% Confidence Interval	
					Lower Bound	Upper Bound
control	1	1	54.011	2.964	48.049	59.974
		2	57.533	2.848	51.803	63.263
	2	1	66.902	2.615	61.640	72.163
		2	75.319	2.725	69.838	80.801
debias	1	1	49.486	3.048	43.354	55.618
		2	52.882	2.929	46.989	58.775
	2	1	65.187	2.690	59.776	70.599
		2	74.514	2.802	68.876	80.152