General Linear Model
- Control No Load Versus Exp No Load

[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

load = no load

Between-Subjects Factors[a]

		Value Label	N
instr	0	control	27
	1	debias	24

a. load = no load

Tests of Within-Subjects Effects[a]

Measure:MEASURE_1

Source		Type III Sum of Squares	df	Mean Square	F	Sig.	Partial Eta Squared
fsg	Sphericity Assumed	26739.369	1	26739.369	160.926	.000	.767
	Greenhouse-Geisser	26739.369	1.000	26739.369	160.926	.000	.767
	Huynh-Feldt	26739.369	1.000	26739.369	160.926	.000	.767
	Lower-bound	26739.369	1.000	26739.369	160.926	.000	.767
fsg * instr	Sphericity Assumed	1815.879	1	1815.879	10.929	.002	.182
	Greenhouse-Geisser	1815.879	1.000	1815.879	10.929	.002	.182
	Huynh-Feldt	1815.879	1.000	1815.879	10.929	.002	.182
	Lower-bound	1815.879	1.000	1815.879	10.929	.002	.182
Error(fsg)	Sphericity Assumed	8141.824	49	166.160			
	Greenhouse-Geisser	8141.824	49.000	166.160			
	Huynh-Feldt	8141.824	49.000	166.160			
	Lower-bound	8141.824	49.000	166.160			
bsg	Sphericity Assumed	2132.725	1	2132.725	21.614	.000	.306
	Greenhouse-Geisser	2132.725	1.000	2132.725	21.614	.000	.306
	Huynh-Feldt	2132.725	1.000	2132.725	21.614	.000	.306
	Lower-bound	2132.725	1.000	2132.725	21.614	.000	.306
bsg * instr	Sphericity Assumed	28.791	1	28.791	.292	.592	.006
	Greenhouse-Geisser	28.791	1.000	28.791	.292	.592	.006
	Huynh-Feldt	28.791	1.000	28.791	.292	.592	.006
	Lower-bound	28.791	1.000	28.791	.292	.592	.006

a. load = no load

Tests of Within-Subjects Effects[a]

Measure:MEASURE_1

Source		Type III Sum of Squares	df	Mean Square	F	Sig.	Partial Eta Squared
Error(bsg)	Sphericity Assumed	4834.943	49	98.672			
	Greenhouse-Geisser	4834.943	49.000	98.672			
	Huynh-Feldt	4834.943	49.000	98.672			
	Lower-bound	4834.943	49.000	98.672			
fsg * bsg	Sphericity Assumed	305.347	1	305.347	8.120	.006	.142
	Greenhouse-Geisser	305.347	1.000	305.347	8.120	.006	.142
	Huynh-Feldt	305.347	1.000	305.347	8.120	.006	.142
	Lower-bound	305.347	1.000	305.347	8.120	.006	.142
fsg * bsg * instr	Sphericity Assumed	107.320	1	107.320	2.854	.098	.055
	Greenhouse-Geisser	107.320	1.000	107.320	2.854	.098	.055
	Huynh-Feldt	107.320	1.000	107.320	2.854	.098	.055
	Lower-bound	107.320	1.000	107.320	2.854	.098	.055
Error(fsg*bsg)	Sphericity Assumed	1842.705	49	37.606			
	Greenhouse-Geisser	1842.705	49.000	37.606			
	Huynh-Feldt	1842.705	49.000	37.606			
	Lower-bound	1842.705	49.000	37.606			

a. load = no load

Tests of Between-Subjects Effects[a]

Measure:MEASURE_1
Transformed Variable:Average

Source	Type III Sum of Squares	df	Mean Square	F	Sig.	Partial Eta Squared
Intercept	655241.412	1	655241.412	1418.122	.000	.967
instr	3667.754	1	3667.754	7.938	.007	.139
Error	22640.381	49	462.049			

a. load = no load

Estimated Marginal Means

1. instr[a]

Measure:MEASURE_1

instr	Mean	Std. Error	95% Confidence Interval	
			Lower Bound	Upper Bound
control	61.020	2.068	56.863	65.177
debias	52.525	2.194	48.116	56.934

a. load = no load

2. fsg[a]

Measure:MEASURE_1

fsg	Mean	Std. Error	95% Confidence Interval	
			Lower Bound	Upper Bound
1	45.304	1.952	41.381	49.227
2	68.241	1.539	65.148	71.334

a. load = no load

3. bsg[a]

Measure:MEASURE_1

bsg	Mean	Std. Error	95% Confidence Interval	
			Lower Bound	Upper Bound
1	53.534	1.639	50.239	56.828
2	60.011	1.682	56.632	63.391

a. load = no load

4. instr * fsg[a]

Measure:MEASURE_1

instr	fsg	Mean	Std. Error	95% Confidence Interval	
				Lower Bound	Upper Bound
control	1	52.540	2.678	47.158	57.923
	2	69.500	2.112	65.256	73.744
debias	1	38.068	2.841	32.359	43.777
	2	66.982	2.240	62.481	71.484

a. load = no load

5. instr * bsg[a]

Measure:MEASURE_1

instr	bsg	Mean	Std. Error	95% Confidence Interval	
				Lower Bound	Upper Bound
control	1	58.157	2.249	53.637	62.678
	2	63.883	2.307	59.246	68.520
debias	1	48.910	2.386	44.115	53.704
	2	56.140	2.447	51.222	61.059

a. load = no load

6. fsg * bsg[a]

Measure:MEASURE_1

fsg	bsg	Mean	Std. Error	95% Confidence Interval	
				Lower Bound	Upper Bound
1	1	43.290	1.959	39.354	47.227
	2	47.317	2.147	43.002	51.632
2	1	63.777	1.778	60.204	67.350
	2	72.706	1.853	68.982	76.429

a. load = no load

7. instr * fsg * bsg[a]

Measure:MEASURE_1

instr	fsg	bsg	Mean	Std. Error	95% Confidence Interval	
					Lower Bound	Upper Bound
control	1	1	51.630	2.688	46.228	57.031
		2	53.451	2.946	47.531	59.370
	2	1	64.685	2.439	59.783	69.587
		2	74.315	2.542	69.207	79.423
debias	1	1	34.951	2.851	29.222	40.680
		2	41.184	3.125	34.905	47.463
	2	1	62.868	2.587	57.669	68.067
		2	71.097	2.696	65.679	76.515

a. load = no load

General Linear Model

Load

Versus No load

[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

instr = control

Between-Subjects Factors[a]

		Value Label	N
load	0	no load	27
	1	load	26

a. instr = control

Tests of Within-Subjects Effects[a]

Measure:MEASURE_1

Source		Type III Sum of Squares	df	Mean Square	F	Sig.	Partial Eta Squared
fsg	Sphericity Assumed	13966.930	1	13966.930	128.204	.000	.715
	Greenhouse-Geisser	13966.930	1.000	13966.930	128.204	.000	.715
	Huynh-Feldt	13966.930	1.000	13966.930	128.204	.000	.715
	Lower-bound	13966.930	1.000	13966.930	128.204	.000	.715
fsg * load	Sphericity Assumed	27.738	1	27.738	.255	.616	.005
	Greenhouse-Geisser	27.738	1.000	27.738	.255	.616	.005
	Huynh-Feldt	27.738	1.000	27.738	.255	.616	.005
	Lower-bound	27.738	1.000	27.738	.255	.616	.005
Error(fsg)	Sphericity Assumed	5556.107	51	108.943			
	Greenhouse-Geisser	5556.107	51.000	108.943			
	Huynh-Feldt	5556.107	51.000	108.943			
	Lower-bound	5556.107	51.000	108.943			
bsg	Sphericity Assumed	1809.057	1	1809.057	24.656	.000	.326
	Greenhouse-Geisser	1809.057	1.000	1809.057	24.656	.000	.326
	Huynh-Feldt	1809.057	1.000	1809.057	24.656	.000	.326
	Lower-bound	1809.057	1.000	1809.057	24.656	.000	.326
bsg * load	Sphericity Assumed	.739	1	.739	.010	.920	.000
	Greenhouse-Geisser	.739	1.000	.739	.010	.920	.000
	Huynh-Feldt	.739	1.000	.739	.010	.920	.000
	Lower-bound	.739	1.000	.739	.010	.920	.000
Error(bsg)	Sphericity Assumed	3741.931	51	73.371			
	Greenhouse-Geisser	3741.931	51.000	73.371			
	Huynh-Feldt	3741.931	51.000	73.371			
	Lower-bound	3741.931	51.000	73.371			
fsg * bsg	Sphericity Assumed	524.389	1	524.389	18.847	.000	.270
	Greenhouse-Geisser	524.389	1.000	524.389	18.847	.000	.270
	Huynh-Feldt	524.389	1.000	524.389	18.847	.000	.270
	Lower-bound	524.389	1.000	524.389	18.847	.000	.270
fsg * bsg * load	Sphericity Assumed	30.458	1	30.458	1.095	.300	.021
	Greenhouse-Geisser	30.458	1.000	30.458	1.095	.300	.021
	Huynh-Feldt	30.458	1.000	30.458	1.095	.300	.021
	Lower-bound	30.458	1.000	30.458	1.095	.300	.021
Error(fsg*bsg)	Sphericity Assumed	1418.978	51	27.823			
	Greenhouse-Geisser	1418.978	51.000	27.823			
	Huynh-Feldt	1418.978	51.000	27.823			
	Lower-bound	1418.978	51.000	27.823			

a. instr = control

Tests of Between-Subjects Effects[a]

Measure:MEASURE_1
Transformed Variable:Average

Source	Type III Sum of Squares	df	Mean Square	F	Sig.	Partial Eta Squared
Intercept	816608.422	1	816608.422	1449.010	.000	.966
load	235.818	1	235.818	.418	.521	.008
Error	28741.704	51	563.563			

a. instr = control

Estimated Marginal Means

1. fsg[a]

Measure:MEASURE_1

fsg	Mean	Std. Error	95% Confidence Interval	
			Lower Bound	Upper Bound
1	53.957	1.940	50.061	57.852
2	70.193	1.607	66.967	73.419

a. instr = control

2. bsg[a]

Measure:MEASURE_1

bsg	Mean	Std. Error	95% Confidence Interval	
			Lower Bound	Upper Bound
1	59.153	1.705	55.731	62.576
2	64.997	1.762	61.459	68.534

a. instr = control

3. fsg * bsg[a]

Measure:MEASURE_1

fsg	bsg	Mean	Std. Error	95% Confidence Interval	
				Lower Bound	Upper Bound
1	1	52.608	1.987	48.619	56.597
	2	55.305	2.029	51.231	59.379
2	1	65.698	1.721	62.243	69.153
	2	74.688	1.891	70.892	78.484

a. instr = control

4. load[a]

Measure:MEASURE_1

load	Mean	Std. Error	95% Confidence Interval	
			Lower Bound	Upper Bound
no load	61.020	2.284	56.434	65.606
load	63.130	2.328	58.456	67.803

a. instr = control

5. load * fsg[a]

Measure:MEASURE_1

load	fsg	Mean	Std. Error	95% Confidence Interval	
				Lower Bound	Upper Bound
no load	1	52.540	2.718	47.084	57.997
	2	69.500	2.251	64.981	74.019
load	1	55.373	2.770	49.813	60.934
	2	70.886	2.294	66.281	75.491

a. instr = control

6. load * bsg[a]

Measure:MEASURE_1

load	bsg	Mean	Std. Error	95% Confidence Interval	
				Lower Bound	Upper Bound
no load	1	58.157	2.388	53.363	62.952
	2	63.883	2.468	58.928	68.838
load	1	60.149	2.434	55.263	65.035
	2	66.111	2.515	61.061	71.160

a. instr = control

7. load * fsg * bsg[a]

Measure:MEASURE_1

load	fsg	bsg	Mean	Std. Error	95% Confidence Interval	
					Lower Bound	Upper Bound
no load	1	1	51.630	2.783	46.042	57.217
		2	53.451	2.843	47.744	59.158
	2	1	64.685	2.411	59.845	69.525
		2	74.315	2.649	68.997	79.633
load	1	1	53.587	2.836	47.893	59.280
		2	57.160	2.897	51.345	62.976
	2	1	66.712	2.457	61.780	71.644
		2	75.061	2.699	69.642	80.480

a. instr = control

instr = debias

Between-Subjects Factors[a]

		Value Label	N
load	0	no load	24
	1	load	25

a. instr = debias

Tests of Within-Subjects Effects[a]

Measure:MEASURE_1

Source		Type III Sum of Squares	df	Mean Square	F	Sig.	Partial Eta Squared
fsg	Sphericity Assumed	27210.027	1	27210.027	138.011	.000	.746
	Greenhouse-Geisser	27210.027	1.000	27210.027	138.011	.000	.746
	Huynh-Feldt	27210.027	1.000	27210.027	138.011	.000	.746
	Lower-bound	27210.027	1.000	27210.027	138.011	.000	.746
fsg * load	Sphericity Assumed	1399.234	1	1399.234	7.097	.011	.131
	Greenhouse-Geisser	1399.234	1.000	1399.234	7.097	.011	.131
	Huynh-Feldt	1399.234	1.000	1399.234	7.097	.011	.131
	Lower-bound	1399.234	1.000	1399.234	7.097	.011	.131
Error(fsg)	Sphericity Assumed	9266.464	47	197.159			
	Greenhouse-Geisser	9266.464	47.000	197.159			
	Huynh-Feldt	9266.464	47.000	197.159			
	Lower-bound	9266.464	47.000	197.159			
bsg	Sphericity Assumed	2244.539	1	2244.539	38.718	.000	.452
	Greenhouse-Geisser	2244.539	1.000	2244.539	38.718	.000	.452
	Huynh-Feldt	2244.539	1.000	2244.539	38.718	.000	.452
	Lower-bound	2244.539	1.000	2244.539	38.718	.000	.452
bsg * load	Sphericity Assumed	10.412	1	10.412	.180	.674	.004
	Greenhouse-Geisser	10.412	1.000	10.412	.180	.674	.004
	Huynh-Feldt	10.412	1.000	10.412	.180	.674	.004
	Lower-bound	10.412	1.000	10.412	.180	.674	.004
Error(bsg)	Sphericity Assumed	2724.637	47	57.971			
	Greenhouse-Geisser	2724.637	47.000	57.971			
	Huynh-Feldt	2724.637	47.000	57.971			
	Lower-bound	2724.637	47.000	57.971			
fsg * bsg	Sphericity Assumed	178.971	1	178.971	4.511	.039	.088
	Greenhouse-Geisser	178.971	1.000	178.971	4.511	.039	.088
	Huynh-Feldt	178.971	1.000	178.971	4.511	.039	.088
	Lower-bound	178.971	1.000	178.971	4.511	.039	.088
fsg * bsg * load	Sphericity Assumed	40.878	1	40.878	1.030	.315	.021
	Greenhouse-Geisser	40.878	1.000	40.878	1.030	.315	.021
	Huynh-Feldt	40.878	1.000	40.878	1.030	.315	.021
	Lower-bound	40.878	1.000	40.878	1.030	.315	.021
Error(fsg*bsg)	Sphericity Assumed	1864.532	47	39.671			
	Greenhouse-Geisser	1864.532	47.000	39.671			
	Huynh-Feldt	1864.532	47.000	39.671			
	Lower-bound	1864.532	47.000	39.671			

a. instr = debias

Tests of Between-Subjects Effects[a]

Measure:MEASURE_1
Transformed Variable:Average

Source	Type III Sum of Squares	df	Mean Square	F	Sig.	Partial Eta Squared
Intercept	629809.562	1	629809.562	1332.944	.000	.966
load	3411.578	1	3411.578	7.220	.010	.133
Error	22207.276	47	472.495			

a. instr = debias

Estimated Marginal Means

1. fsg[a]

Measure:MEASURE_1

fsg	Mean	Std. Error	95% Confidence Interval	
			Lower Bound	Upper Bound
1	44.913	2.014	40.861	48.965
2	68.483	1.667	65.129	71.837

a. instr = debias

2. bsg[a]

Measure:MEASURE_1

bsg	Mean	Std. Error	95% Confidence Interval	
			Lower Bound	Upper Bound
1	53.313	1.691	49.911	56.715
2	60.083	1.599	56.867	63.299

a. instr = debias

3. fsg * bsg[a]

Measure:MEASURE_1

fsg	bsg	Mean	Std. Error	95% Confidence Interval	
				Lower Bound	Upper Bound
1	1	42.484	2.056	38.347	46.621
	2	47.342	2.127	43.064	51.620
2	1	64.142	1.876	60.368	67.916
	2	72.823	1.843	69.116	76.531

a. instr = debias

4. load[a]

Measure:MEASURE_1

load	Mean	Std. Error	95% Confidence Interval	
			Lower Bound	Upper Bound
no load	52.525	2.219	48.062	56.988
load	60.871	2.174	56.498	65.244

a. instr = debias

5. load * fsg[a]

Measure:MEASURE_1

load	fsg	Mean	Std. Error	95% Confidence Interval	
				Lower Bound	Upper Bound
no load	1	38.068	2.877	32.279	43.856
	2	66.982	2.382	62.191	71.774
load	1	51.758	2.819	46.087	57.430
	2	69.983	2.334	65.289	74.678

a. instr = debias

6. load * bsg[a]

Measure:MEASURE_1

load	bsg	Mean	Std. Error	95% Confidence Interval	
				Lower Bound	Upper Bound
no load	1	48.910	2.416	44.050	53.770
	2	56.140	2.284	51.546	60.735
load	1	57.717	2.367	52.955	62.478
	2	64.025	2.238	59.524	68.526

a. instr = debias

7. load * fsg * bsg[a]

Measure:MEASURE_1

load	fsg	bsg	Mean	Std. Error	95% Confidence Interval	
					Lower Bound	Upper Bound
no load	1	1	34.951	2.938	29.042	40.861
		2	41.184	3.038	35.072	47.295
	2	1	62.868	2.680	57.477	68.259
		2	71.097	2.633	65.801	76.393
load	1	1	50.017	2.878	44.226	55.807
		2	53.500	2.977	47.512	59.488
	2	1	65.417	2.626	60.134	70.699
		2	74.550	2.579	69.361	79.739

a. instr = debias