

General Linear Model

[DataSet3] /Users/Erin/Dropbox/debiasing judgments/experiments spring 2011/associative judgments load/item data.sav

Within-Subjects Factors

Measure: MEASURE_1

instruction	load	Dependent Variable
1	1	cnoload
	2	cload
2	1	enoload
	2	eload

Between-Subjects Factors

		N
fsg	1	48
	2	48
bsg	1	48
	2	48

Descriptive Statistics

	fsg	bsg	Mean	Std. Deviation	N
cnoload	1	1	51.62971	7.787630	24
		2	53.45058	8.246899	24
		Total	52.54015	7.987934	48
	2	1	64.68512	5.833588	24
		2	74.31479	6.397234	24
		Total	69.49996	7.768922	48
	Total	1	58.15742	9.478890	48
		2	63.88269	12.823938	48
		Total	61.02005	11.579891	96
cload	1	1	53.58646	8.444674	24
		2	57.16017	6.857668	24
		Total	55.37331	7.821247	48
	2	1	66.71150	7.847290	24
		2	75.06096	5.960589	24
		Total	70.88623	8.082104	48

Descriptive Statistics

		fsg	bsg	Mean	Std. Deviation	N
cload	Total	1		60.14898	10.441048	48
		2		66.11056	11.055040	48
		Total		63.12977	11.107491	96
enoload	1	1		34.95137	10.482814	24
		2		41.18408	11.790016	24
		Total		38.06773	11.476821	48
	2	1		62.86808	8.238559	24
		2		71.11321	10.424642	24
		Total		66.99065	10.185896	48
	Total	1		48.90973	16.910695	48
		2		56.14865	18.705794	48
		Total		52.52919	18.106099	96
eload	1	1		50.017	8.8591	24
		2		53.500	10.5005	24
		Total		51.758	9.7705	48
	2	1		65.417	8.7488	24
		2		74.550	5.7560	24
		Total		69.983	8.6584	48
	Total	1		57.717	11.6797	48
		2		64.025	13.5390	48
		Total		60.871	12.9703	96

Tests of Within-Subjects Effects

Measure: MEASURE_1

Source		Type III Sum of Squares	df	Mean Square	F
instruction	Sphericity Assumed	2773.398	1	2773.398	125.280
	Greenhouse-Geisser	2773.398	1.000	2773.398	125.280
	Huynh-Feldt	2773.398	1.000	2773.398	125.280
	Lower-bound	2773.398	1.000	2773.398	125.280
instruction * fsg	Sphericity Assumed	1292.167	1	1292.167	58.370
	Greenhouse-Geisser	1292.167	1.000	1292.167	58.370
	Huynh-Feldt	1292.167	1.000	1292.167	58.370
	Lower-bound	1292.167	1.000	1292.167	58.370
instruction * bsg	Sphericity Assumed	20.766	1	20.766	.938
	Greenhouse-Geisser	20.766	1.000	20.766	.938
	Huynh-Feldt	20.766	1.000	20.766	.938
	Lower-bound	20.766	1.000	20.766	.938
instruction * fsg * bsg	Sphericity Assumed	36.341	1	36.341	1.642
	Greenhouse-Geisser	36.341	1.000	36.341	1.642
	Huynh-Feldt	36.341	1.000	36.341	1.642
	Lower-bound	36.341	1.000	36.341	1.642
Error(instruction)	Sphericity Assumed	2036.652	92	22.138	
	Greenhouse-Geisser	2036.652	92.000	22.138	
	Huynh-Feldt	2036.652	92.000	22.138	
	Lower-bound	2036.652	92.000	22.138	
load	Sphericity Assumed	2621.545	1	2621.545	127.024
	Greenhouse-Geisser	2621.545	1.000	2621.545	127.024
	Huynh-Feldt	2621.545	1.000	2621.545	127.024
	Lower-bound	2621.545	1.000	2621.545	127.024
load * fsg	Sphericity Assumed	884.979	1	884.979	42.881
	Greenhouse-Geisser	884.979	1.000	884.979	42.881
	Huynh-Feldt	884.979	1.000	884.979	42.881
	Lower-bound	884.979	1.000	884.979	42.881
load * bsg	Sphericity Assumed	2.892	1	2.892	.140
	Greenhouse-Geisser	2.892	1.000	2.892	.140
	Huynh-Feldt	2.892	1.000	2.892	.140
	Lower-bound	2.892	1.000	2.892	.140
load * fsg * bsg	Sphericity Assumed	.548	1	.548	.027
	Greenhouse-Geisser	.548	1.000	.548	.027
	Huynh-Feldt	.548	1.000	.548	.027
	Lower-bound	.548	1.000	.548	.027
Error(load)	Sphericity Assumed	1898.717	92	20.638	
	Greenhouse-Geisser	1898.717	92.000	20.638	
	Huynh-Feldt	1898.717	92.000	20.638	

Tests of Within-Subjects Effects

Measure: MEASURE_1

Source		Sig.	Partial Eta Squared
instruction	Sphericity Assumed	.000	.577
	Greenhouse-Geisser	.000	.577
	Huynh-Feldt	.000	.577
	Lower-bound	.000	.577
instruction * fsg	Sphericity Assumed	.000	.388
	Greenhouse-Geisser	.000	.388
	Huynh-Feldt	.000	.388
	Lower-bound	.000	.388
instruction * bsg	Sphericity Assumed	.335	.010
	Greenhouse-Geisser	.335	.010
	Huynh-Feldt	.335	.010
	Lower-bound	.335	.010
instruction * fsg * bsg	Sphericity Assumed	.203	.018
	Greenhouse-Geisser	.203	.018
	Huynh-Feldt	.203	.018
	Lower-bound	.203	.018
load	Sphericity Assumed	.000	.580
	Greenhouse-Geisser	.000	.580
	Huynh-Feldt	.000	.580
	Lower-bound	.000	.580
load * fsg	Sphericity Assumed	.000	.318
	Greenhouse-Geisser	.000	.318
	Huynh-Feldt	.000	.318
	Lower-bound	.000	.318
load * bsg	Sphericity Assumed	.709	.002
	Greenhouse-Geisser	.709	.002
	Huynh-Feldt	.709	.002
	Lower-bound	.709	.002
load * fsg * bsg	Sphericity Assumed	.871	.000
	Greenhouse-Geisser	.871	.000
	Huynh-Feldt	.871	.000
	Lower-bound	.871	.000

Tests of Within-Subjects Effects

Measure:MEASURE_1

Source		Type III Sum of Squares	df	Mean Square	F
Error(load)	Lower-bound	1898.717	92.000	20.638	
instruction * load	Sphericity Assumed	932.086	1	932.086	49.665
	Greenhouse-Geisser	932.086	1.000	932.086	49.665
	Huynh-Feldt	932.086	1.000	932.086	49.665
	Lower-bound	932.086	1.000	932.086	49.665
instruction * load * fsg	Sphericity Assumed	513.488	1	513.488	27.360
	Greenhouse-Geisser	513.488	1.000	513.488	27.360
	Huynh-Feldt	513.488	1.000	513.488	27.360
	Lower-bound	513.488	1.000	513.488	27.360
instruction * load * bsg	Sphericity Assumed	8.170	1	8.170	.435
	Greenhouse-Geisser	8.170	1.000	8.170	.435
	Huynh-Feldt	8.170	1.000	8.170	.435
	Lower-bound	8.170	1.000	8.170	.435
instruction * load * fsg * bsg	Sphericity Assumed	66.746	1	66.746	3.556
	Greenhouse-Geisser	66.746	1.000	66.746	3.556
	Huynh-Feldt	66.746	1.000	66.746	3.556
	Lower-bound	66.746	1.000	66.746	3.556
Error(instruction*load)	Sphericity Assumed	1726.619	92	18.768	
	Greenhouse-Geisser	1726.619	92.000	18.768	
	Huynh-Feldt	1726.619	92.000	18.768	
	Lower-bound	1726.619	92.000	18.768	

Tests of Within-Subjects Effects

Measure:MEASURE_1

Source		Sig.	Partial Eta Squared
instruction * load	Sphericity Assumed	.000	.351
	Greenhouse-Geisser	.000	.351
	Huynh-Feldt	.000	.351
	Lower-bound	.000	.351
instruction * load * fsg	Sphericity Assumed	.000	.229
	Greenhouse-Geisser	.000	.229
	Huynh-Feldt	.000	.229
	Lower-bound	.000	.229
instruction * load * bsg	Sphericity Assumed	.511	.005
	Greenhouse-Geisser	.511	.005
	Huynh-Feldt	.511	.005
	Lower-bound	.511	.005
instruction * load * fsg * bsg	Sphericity Assumed	.062	.037
	Greenhouse-Geisser	.062	.037
	Huynh-Feldt	.062	.037
	Lower-bound	.062	.037

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	1.354E6	1	1.354E6	6041.022	.000	.985
fsg	38036.683	1	38036.683	169.665	.000	.648
bsg	3820.560	1	3820.560	17.042	.000	.156
fsg * bsg	614.909	1	614.909	2.743	.101	.029
Error	20625.199	92	224.187			

Estimated Marginal Means

1. fsg

Measure: MEASURE_1

fsg	Mean	Std. Error	95% Confidence Interval	
			Lower Bound	Upper Bound
1	49.435	1.081	47.289	51.581
2	69.340	1.081	67.194	71.486

2. bsg

Measure: MEASURE_1

bsg	Mean	Std. Error	95% Confidence Interval	
			Lower Bound	Upper Bound
1	56.233	1.081	54.087	58.379
2	62.542	1.081	60.396	64.688

3. instruction

Measure: MEASURE_1

instruction	Mean	Std. Error	95% Confidence Interval	
			Lower Bound	Upper Bound
1	62.075	.686	60.713	63.437
2	56.700	.901	54.910	58.490

4. load

Measure: MEASURE_1

load	Mean	Std. Error	95% Confidence Interval	
			Lower Bound	Upper Bound
1	56.775	.830	55.126	58.424
2	62.000	.765	60.480	63.520

5. fsg * bsg

Measure: MEASURE_1

fsg	bsg	Mean	Std. Error	95% Confidence Interval	
				Lower Bound	Upper Bound
1	1	47.546	1.528	44.511	50.581
	2	51.324	1.528	48.289	54.359
2	1	64.920	1.528	61.885	67.955
	2	73.760	1.528	70.725	76.795

6. fsg * instruction

Measure:MEASURE_1

fsg	instruction	Mean	Std. Error	95% Confidence Interval	
				Lower Bound	Upper Bound
1	1	53.957	.970	52.031	55.883
	2	44.913	1.275	42.381	47.445
2	1	70.193	.970	68.267	72.119
	2	68.487	1.275	65.955	71.019

7. fsg * load

Measure:MEASURE_1

fsg	load	Mean	Std. Error	95% Confidence Interval	
				Lower Bound	Upper Bound
1	1	45.304	1.174	42.972	47.636
	2	53.566	1.082	51.416	55.716
2	1	68.245	1.174	65.913	70.577
	2	70.435	1.082	68.285	72.585

8. bsg * instruction

Measure:MEASURE_1

bsg	instruction	Mean	Std. Error	95% Confidence Interval	
				Lower Bound	Upper Bound
1	1	59.153	.970	57.227	61.079
	2	53.313	1.275	50.781	55.845
2	1	64.997	.970	63.071	66.923
	2	60.087	1.275	57.555	62.619

9. bsg * load

Measure:MEASURE_1

bsg	load	Mean	Std. Error	95% Confidence Interval	
				Lower Bound	Upper Bound
1	1	53.534	1.174	51.202	55.865
	2	58.933	1.082	56.783	61.083
2	1	60.016	1.174	57.684	62.348
	2	65.068	1.082	62.918	67.218

10. instruction * load

Measure:MEASURE_1

instruction	load	Mean	Std. Error	95% Confidence Interval	
				Lower Bound	Upper Bound
1	1	61.020	.728	59.574	62.466
	2	63.130	.749	61.642	64.617
2	1	52.529	1.053	50.439	54.620
	2	60.871	.882	59.120	62.622

11. fsg * bsg * instruction

Measure:MEASURE_1

fsg	bsg	instruction	Mean	Std. Error	95% Confidence Interval	
					Lower Bound	Upper Bound
1	1	1	52.608	1.372	49.884	55.332
		2	42.484	1.803	38.903	46.065
	2	1	55.305	1.372	52.581	58.029
		2	47.342	1.803	43.761	50.923
2	1	1	65.698	1.372	62.974	68.422
		2	64.142	1.803	60.562	67.723
	2	1	74.688	1.372	71.964	77.412
		2	72.832	1.803	69.251	76.412

12. fsg * bsg * load

Measure:MEASURE_1

fsg	bsg	load	Mean	Std. Error	95% Confidence Interval	
					Lower Bound	Upper Bound
1	1	1	43.291	1.660	39.993	46.588
		2	51.802	1.531	48.761	54.842
	2	1	47.317	1.660	44.020	50.615
		2	55.330	1.531	52.290	58.370
2	1	1	63.777	1.660	60.479	67.074
		2	66.064	1.531	63.024	69.104
	2	1	72.714	1.660	69.416	76.012
		2	74.805	1.531	71.765	77.846

13. fsg * instruction * load

Measure:MEASURE_1

fsg	instruction	load	Mean	Std. Error	95% Confidence Interval	
					Lower Bound	Upper Bound
1	1	1	52.540	1.030	50.495	54.585
		2	55.373	1.059	53.269	57.477
	2	1	38.068	1.489	35.111	41.024
		2	51.758	1.247	49.282	54.234
2	1	1	69.500	1.030	67.455	71.545
		2	70.886	1.059	68.782	72.990
	2	1	66.991	1.489	64.034	69.947
		2	69.983	1.247	67.507	72.459

14. bsg * instruction * load

Measure:MEASURE_1

bsg	instruction	load	Mean	Std. Error	95% Confidence Interval	
					Lower Bound	Upper Bound
1	1	1	58.157	1.030	56.112	60.203
		2	60.149	1.059	58.045	62.253
	2	1	48.910	1.489	45.953	51.866
		2	57.717	1.247	55.241	60.193
2	1	1	63.883	1.030	61.837	65.928
		2	66.111	1.059	64.007	68.214
	2	1	56.149	1.489	53.192	59.105
		2	64.025	1.247	61.549	66.501

15. fsg * bsg * instruction * load

Measure:MEASURE_1

fsg	bsg	instruction	load	Mean	Std. Error	95% Confidence Interval	
						Lower Bound	Upper Bound
1	1	1	1	51.630	1.456	48.737	54.522
			2	53.586	1.498	50.611	56.562
		2	1	34.951	2.105	30.770	39.132
			2	50.017	1.763	46.515	53.518
	2	1	1	53.451	1.456	50.558	56.343
			2	57.160	1.498	54.185	60.135
		2	1	41.184	2.105	37.003	45.365
			2	53.500	1.763	49.998	57.002
2	1	1	1	64.685	1.456	61.793	67.578
			2	66.711	1.498	63.736	69.687
		2	1	62.868	2.105	58.687	67.049
			2	65.417	1.763	61.915	68.918
	2	1	1	74.315	1.456	71.422	77.207
			2	75.061	1.498	72.086	78.036
		2	1	71.113	2.105	66.932	75.294
			2	74.550	1.763	71.048	78.052