

Results of Power Experiments

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Abstract

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Thesis Study

Open-Ended Emotions

	Estimate	Std. Error	z value	Pr(> z)
(Intercept)	-1.07	0.18	-6.05	0.00
emocond	-0.47	0.18	-2.66	0.01
powcond	0.11	0.18	0.63	0.53
emocond:powcond	0.27	0.18	1.53	0.13

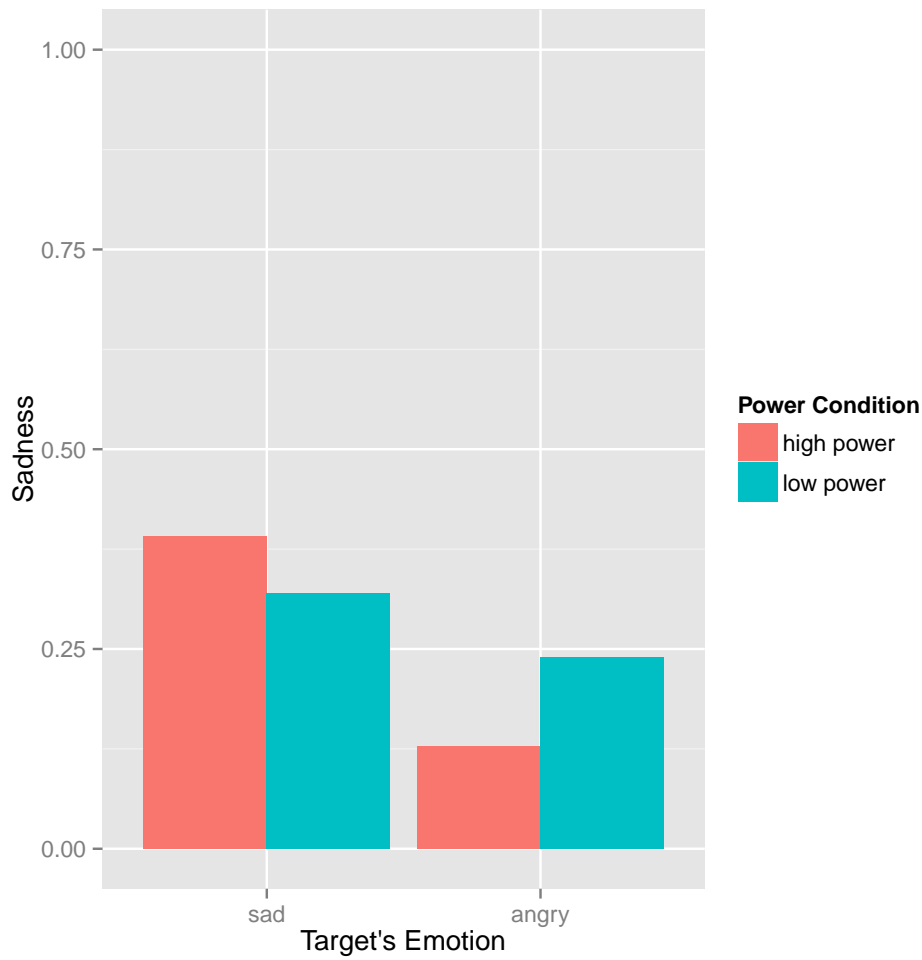


Figure 1. Open-Ended Sadness in Thesis Study

	Estimate	Std. Error	z value	Pr(> z)
(Intercept)	-1.77	0.25	-7.07	0.00
emocond	0.97	0.25	3.86	0.00
powcond	0.31	0.25	1.25	0.21
emocond:powcond	-0.04	0.25	-0.18	0.86

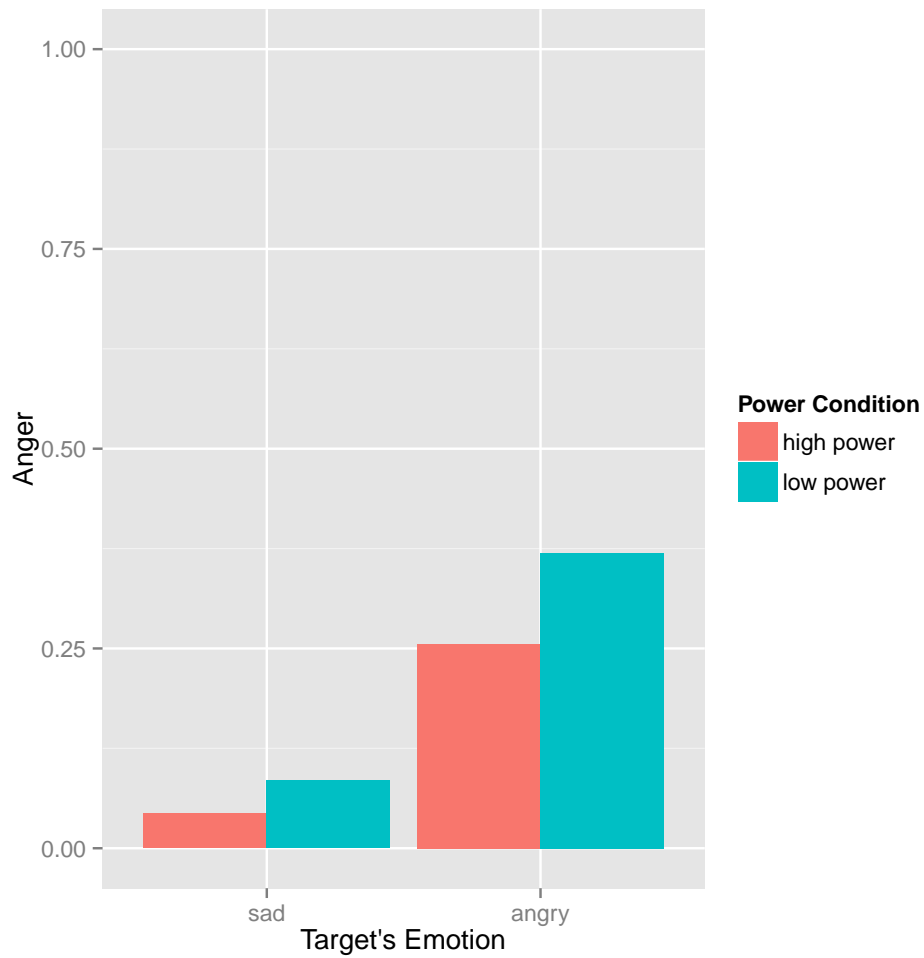


Figure 2. Open-ended Anger in Thesis Study

	Estimate	Std. Error	z value	Pr(> z)
(Intercept)	0.84	0.17	4.87	0.00
emocond	-0.74	0.17	-4.25	0.00
powcond	-0.17	0.17	-0.96	0.34
emocond:powcond	-0.03	0.17	-0.16	0.87

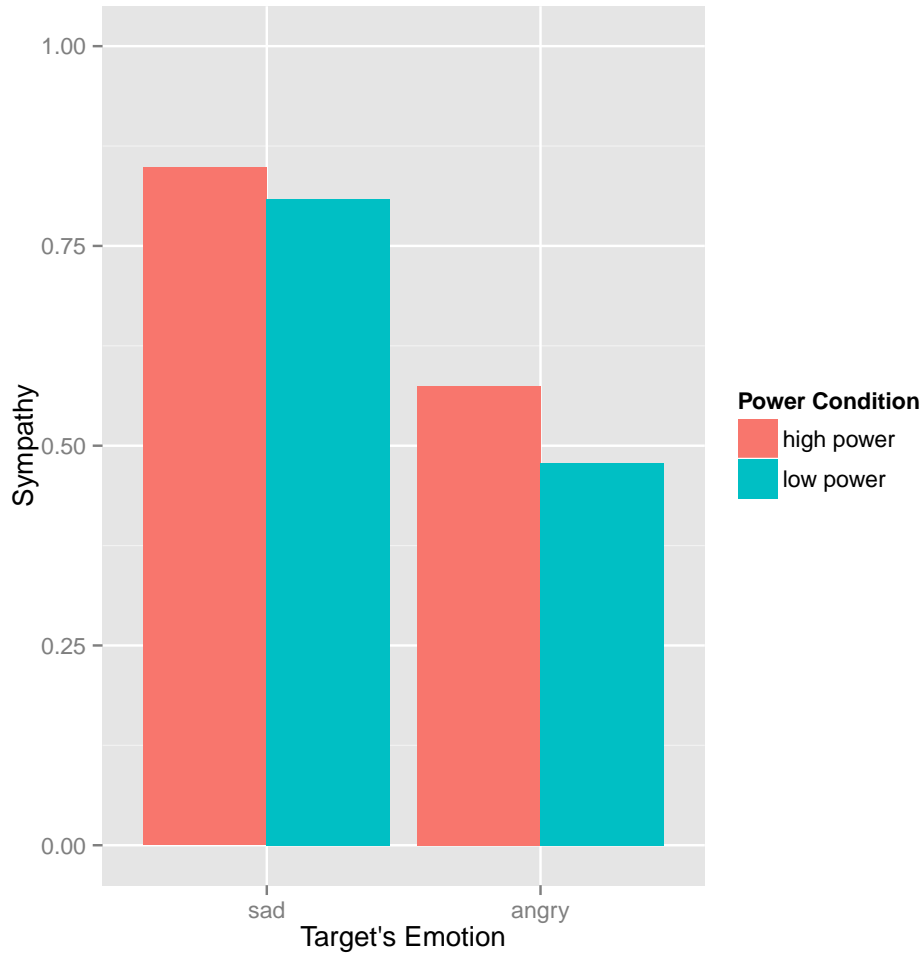


Figure 3. Open-Ended Sympathy in Thesis Study

Closed-Ended Emotions

	2.5 %	97.5 %
(Intercept)	1.76	2.68
emocond	-0.92	-0.34
powcond	-0.71	0.21
emocond:powcond	-0.25	0.33

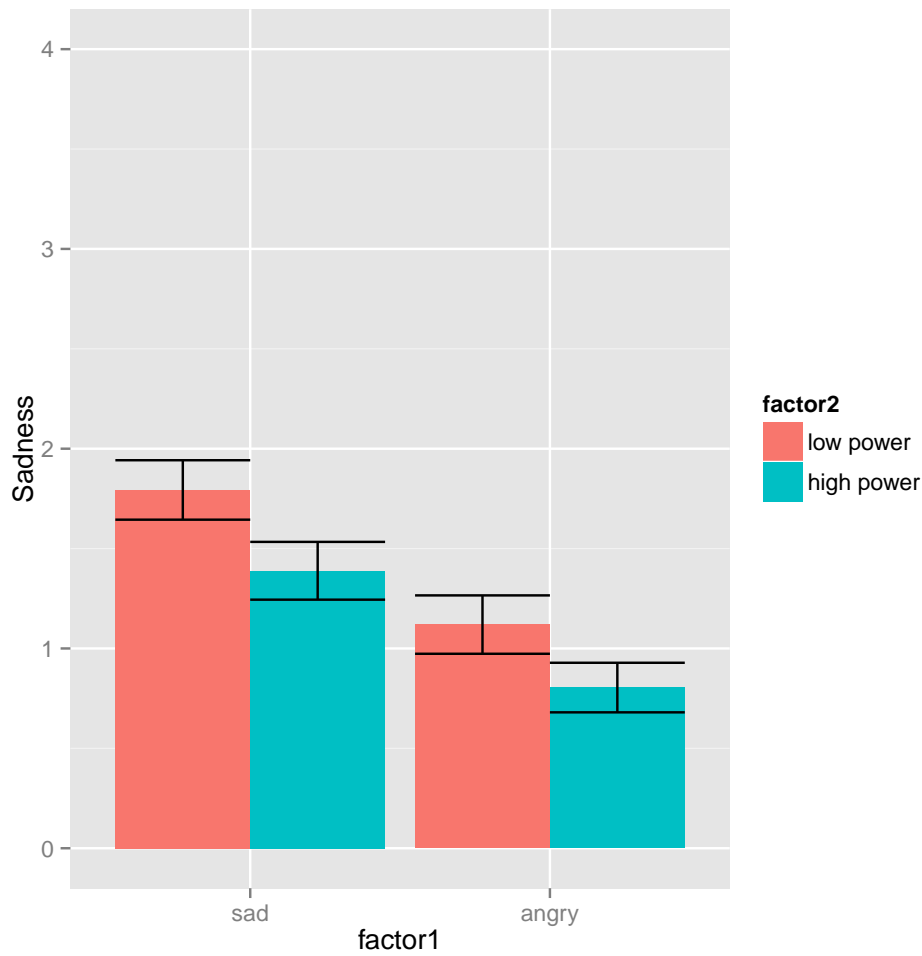


Figure 4. Closed-Ended Sadness in Thesis Study

	2.5 %	97.5 %
(Intercept)	-0.65	0.26
emocond	0.59	1.17
powcond	-0.56	0.35
emocond:powcond	-0.27	0.30

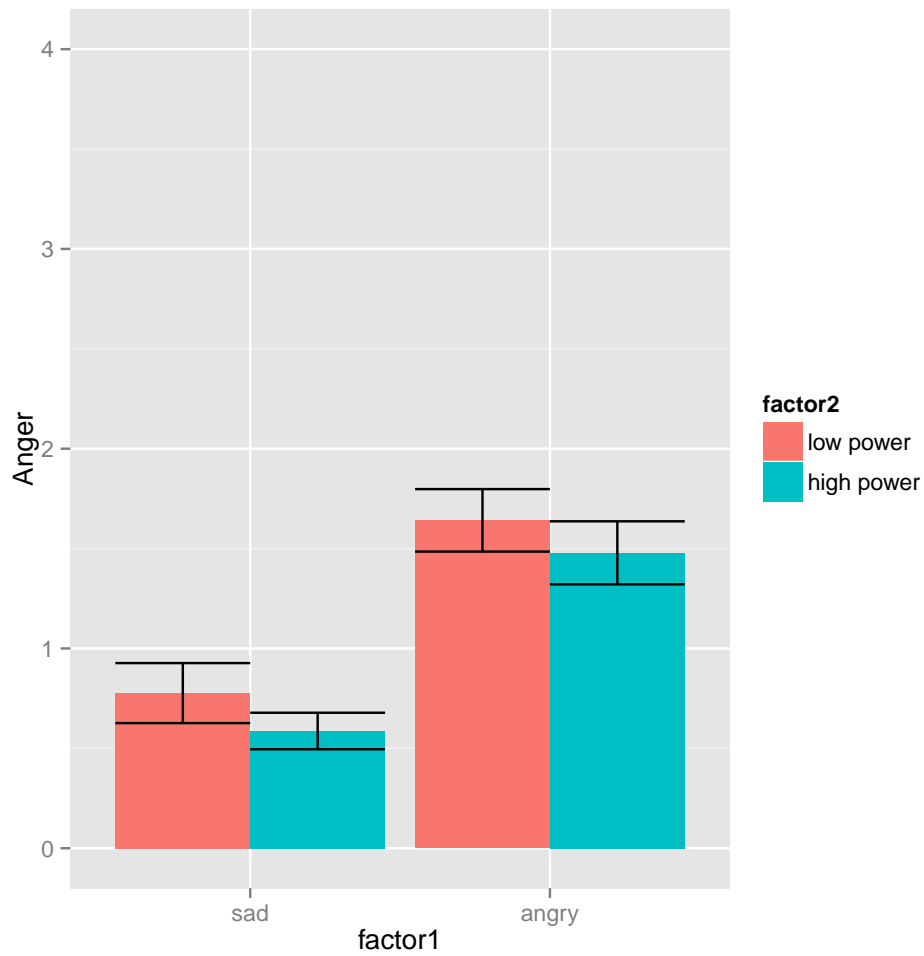


Figure 5. Closed-Ended Anger in Thesis Study

	2.5 %	97.5 %
(Intercept)	3.09	3.97
emocond	-1.02	-0.46
powcond	-0.24	0.63
emocond:powcond	-0.40	0.15

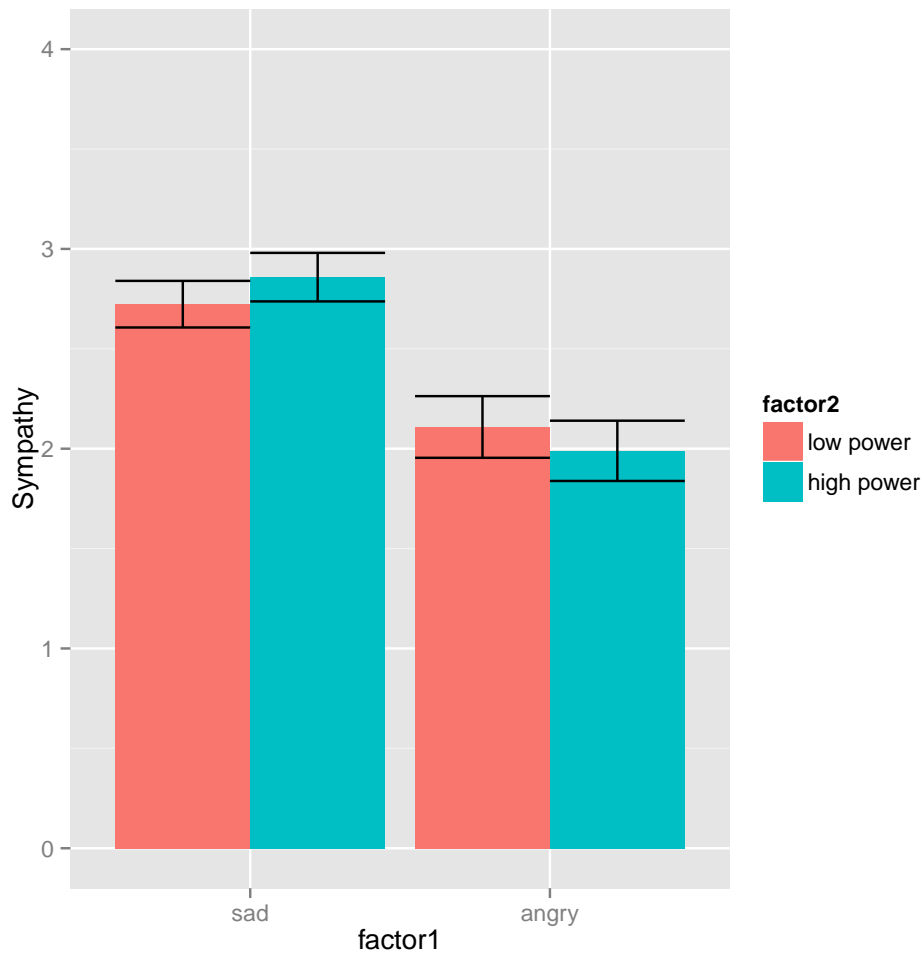


Figure 6. Closed-Ended Sympathy in Thesis Study

Appraisals

	2.5 %	97.5 %
(Intercept)	-0.08	0.25
emocond	-0.10	0.12
powcond	-0.10	0.24
emocond:powcond	-0.16	0.05

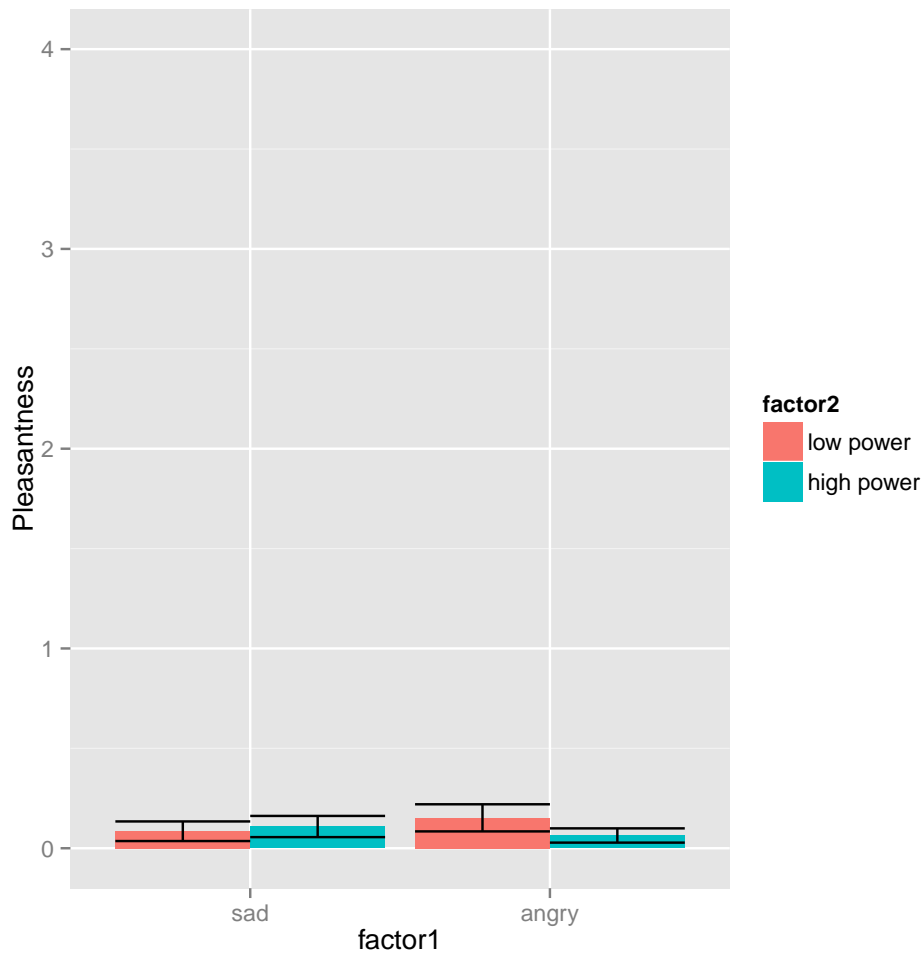


Figure 7. Pleasantness in Thesis Study

	2.5 %	97.5 %
(Intercept)	-2.45	-1.64
emocond	2.20	2.71
powcond	-0.30	0.51
emocond:powcond	-0.31	0.20

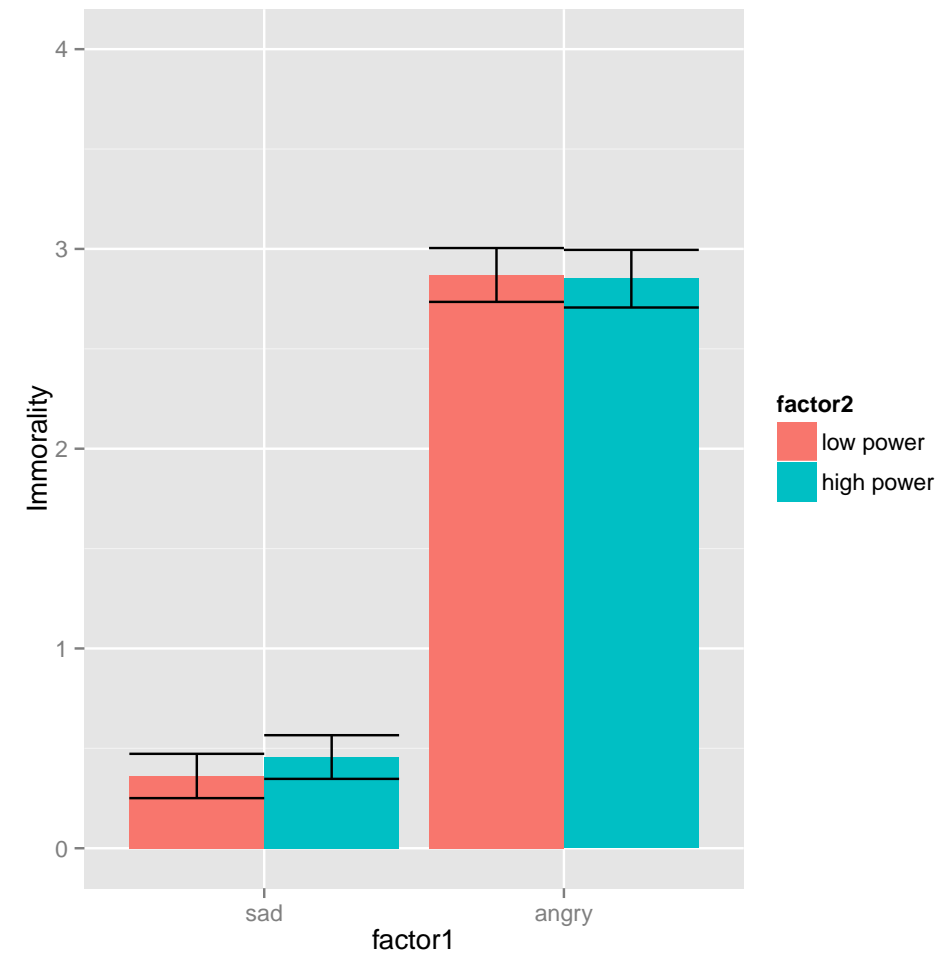


Figure 8. Immorality in Thesis Study

	2.5 %	97.5 %
(Intercept)	0.78	1.51
emocond	-0.12	0.35
powcond	-0.02	0.71
emocond:powcond	-0.41	0.05

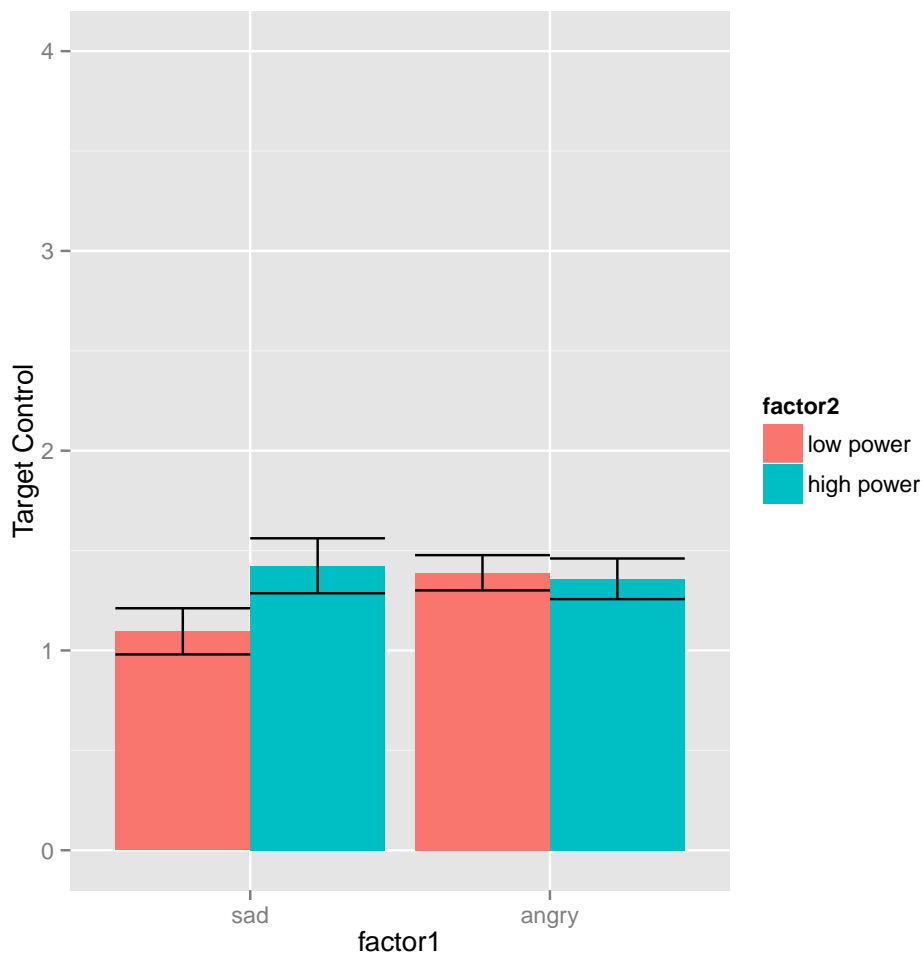


Figure 9. Target Agency in Thesis Study

	2.5 %	97.5 %
(Intercept)	-2.16	-1.46
emocond	1.99	2.43
powcond	-0.20	0.49
emocond:powcond	-0.31	0.13

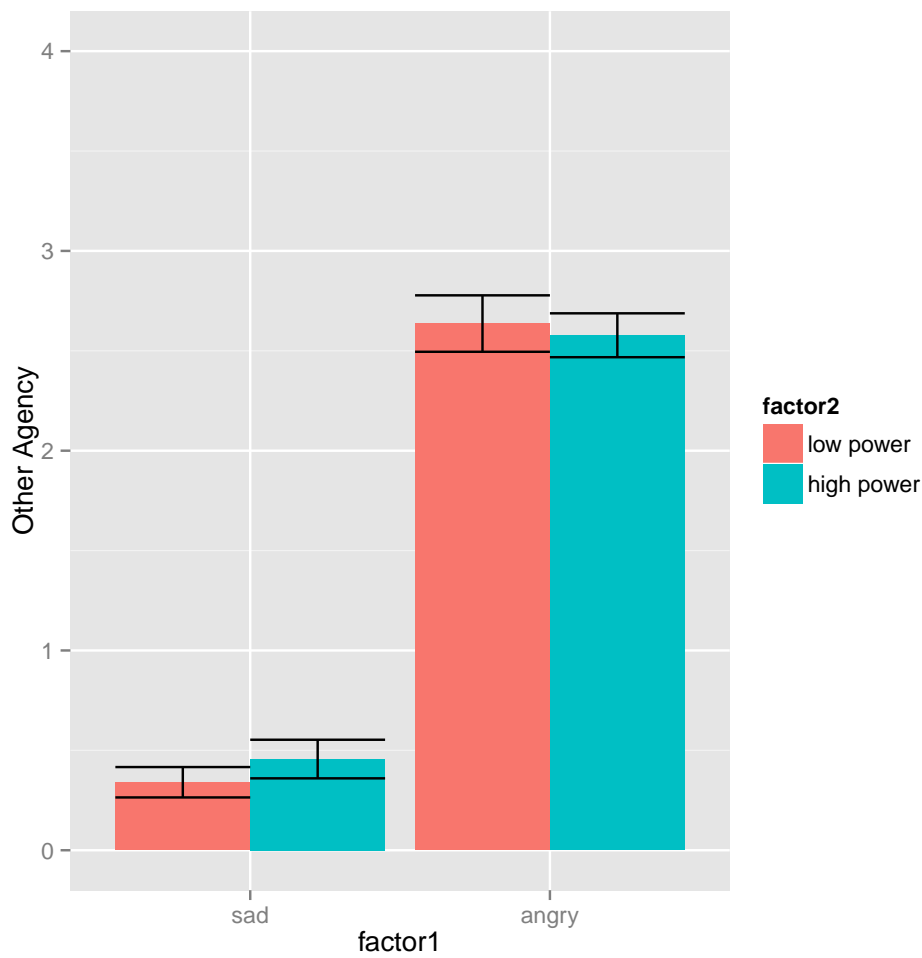


Figure 10. Other Agency in Thesis Study

	2.5 %	97.5 %
(Intercept)	3.73	4.71
emocond	-1.81	-1.19
powcond	-0.73	0.25
emocond:powcond	-0.18	0.44

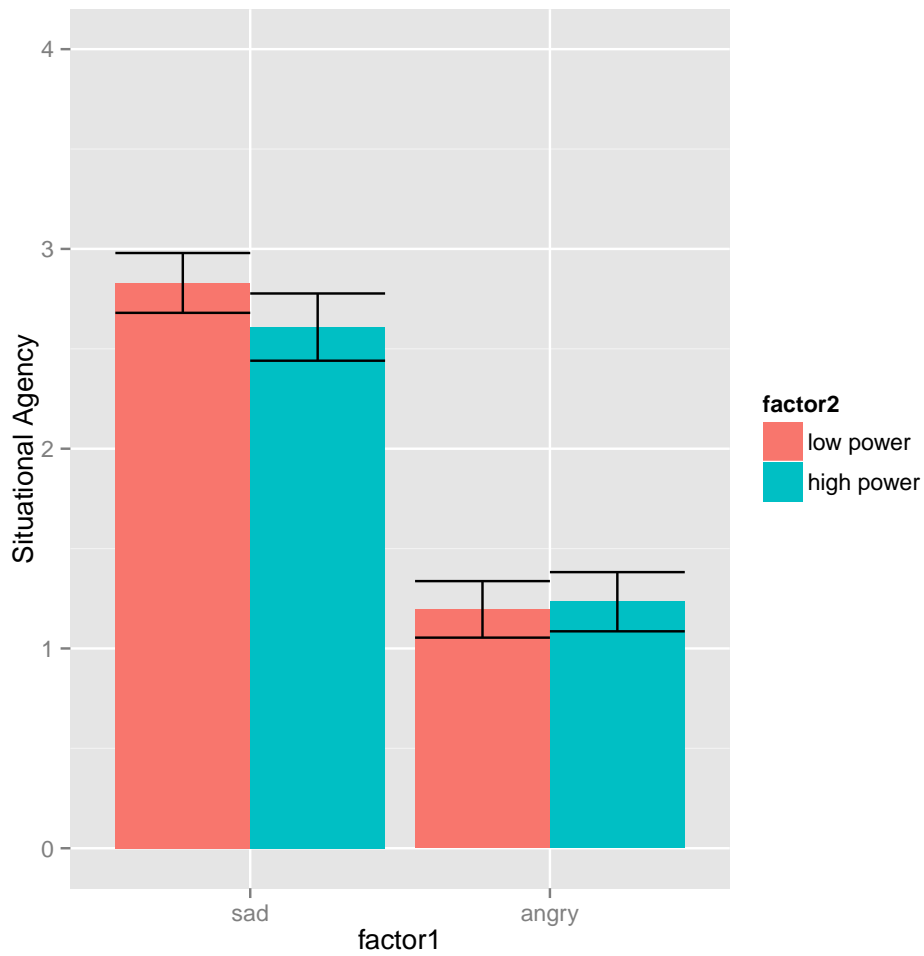


Figure 11. Situational Agency in Thesis Study

	2.5 %	97.5 %
(Intercept)	2.88	3.81
emocond	-1.65	-1.06
powcond	-0.84	0.09
emocond:powcond	-0.16	0.43

Call:

```
lm(formula = (sad - 1 + down - 1)/2 ~ emocond * powcond, data = powclose)
```

Residuals:

Min	1Q	Median	3Q	Max
-1.7935	-0.8044	-0.2935	0.6956	2.6957

Coefficients:

	Estimate	Std. Error	t value	Pr(> t)
(Intercept)	2.22041	0.23289	9.534	< 2e-16 ***
emocond	-0.62923	0.14705	-4.279	3.05e-05 ***
powcond	-0.24698	0.23289	-1.061	0.290
emocond:powcond	0.04469	0.14705	0.304	0.762

Signif. codes: 0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1

Residual standard error: 0.9946 on 179 degrees of freedom

(15 observations deleted due to missingness)

Multiple R-squared: 0.1205, Adjusted R-squared: 0.1057

F-statistic: 8.172 on 3 and 179 DF, p-value: 3.963e-05

