Benchmark Quota Simulation

April 10, 2025

Items

Read Data from Study 1,2

```
s1a <- read.csv("Study1A.csv", check.names = F)
s1b <- read.csv("Study1B.csv", check.names = F)
s2A <- read.csv("Study2A.csv", check.names = F)
s2B <- read.csv("Study2B.csv", check.names = F)
```

Simulation (Table 7, S8)

Table 1:

	Dependent variable:			
	pick			
	Study 1A	Study 1B	Study 2A	Study 2B
Quota	0.257***	0.171***	0.200***	0.296***
	(0.029)	(0.027)	(0.029)	(0.030)
Treatment	0.206***	0.094***	0.109***	0.134***
	(0.028)	(0.026)	(0.029)	(0.030)
Observations	1,498	1,502	1,504	1,500
R^2	0.054	0.025	0.030	0.060
Note:				+p<0.1; *p<0.05; **p<0.01; ***p<0.001

Table 2: Wald Test Results for All Studies

Study	F-value	p-value
Study 1A	2.6938	0.1009
Study 1B	7.0490	0.0080
Study 2A	8.8201	0.0030
Study 2B	26.8446	0.0000

```
2.5 %    97.5 %
```

(Intercept) 0.1655198 0.2360866 conditionQuota 0.2007212 0.3133351 conditionTreatment 0.1498820 0.2612606 2.5 % 97.5 % (Intercept) 0.14378817 0.2107935 conditionQuota 0.11774351 0.2248860 conditionTreatment 0.04226423 0.1453228 2.5 % 97.5 % (Intercept) 0.2045639 0.2795631 conditionQuota 0.1429773 0.2578164 conditionTreatment 0.0523511 0.1651348 2.5 % 97.5 % (Intercept) 0.2424478 0.3215522 conditionQuota 0.2372724 0.3547276 conditionTreatment 0.0753364 0.1926636