

Benchmark Quota Simulation

December 14, 2025

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Read Data from Study 3,4

```
s3A <- read.csv("Study3A.csv", check.names = F)
s3B <- read.csv("Study3B.csv", check.names = F)
s4A <- read.csv("Study4A.csv", check.names = F)
s4B <- read.csv("Study4B.csv", check.names = F)
```

Simulation (Table S12, S14)

Table 1:

	Dependent variable: pick			
	Study 3A	Study 3B	Study 4A	Study 4B
Quota	0.171*** (0.027)	0.257*** (0.029)	0.296*** (0.030)	0.156*** (0.030)
Treatment	0.094*** (0.026)	0.206*** (0.028)	0.134*** (0.030)	0.119*** (0.030)
Observations	1,502	1,498	1,500	1,501
R ²	0.025	0.054	0.060	0.019

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 3A	7.0490	0.0080
Study 3B	2.6938	0.1009
Study 4A	26.8446	0.0000
Study 4B	1.3359	0.2479

	2.5 %	97.5 %
(Intercept)	0.1438	0.2108
conditionQuota	0.1177	0.2249
conditionTreatment	0.04226	0.1453

	2.5 %	97.5 %
(Intercept)	0.1655	0.2361
conditionQuota	0.2007	0.3133
conditionTreatment	0.1499	0.2613

	2.5 %	97.5 %
(Intercept)	0.2424	0.3216
conditionQuota	0.2373	0.3547
conditionTreatment	0.07534	0.1927

	2.5 %	97.5 %
(Intercept)	0.2553	0.3355
conditionQuota	0.09641	0.215
conditionTreatment	0.06039	0.1784