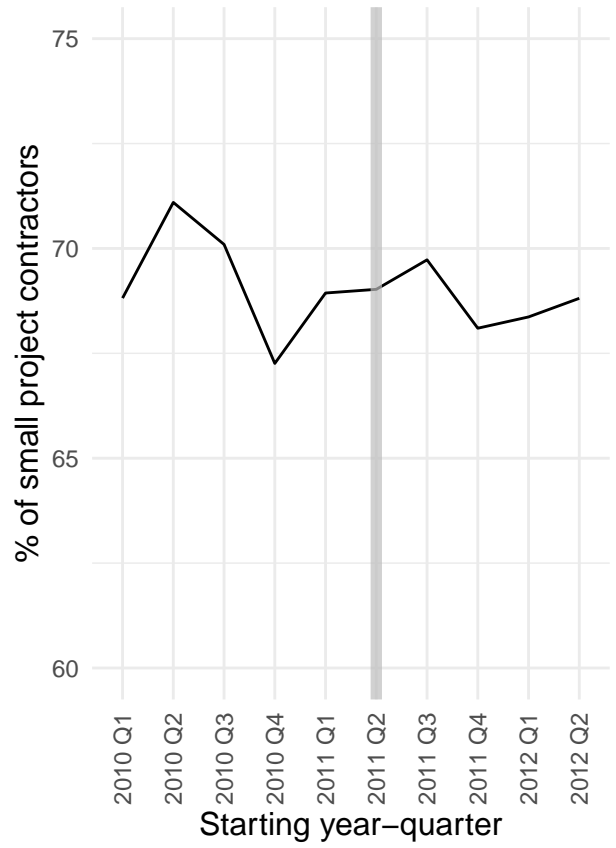
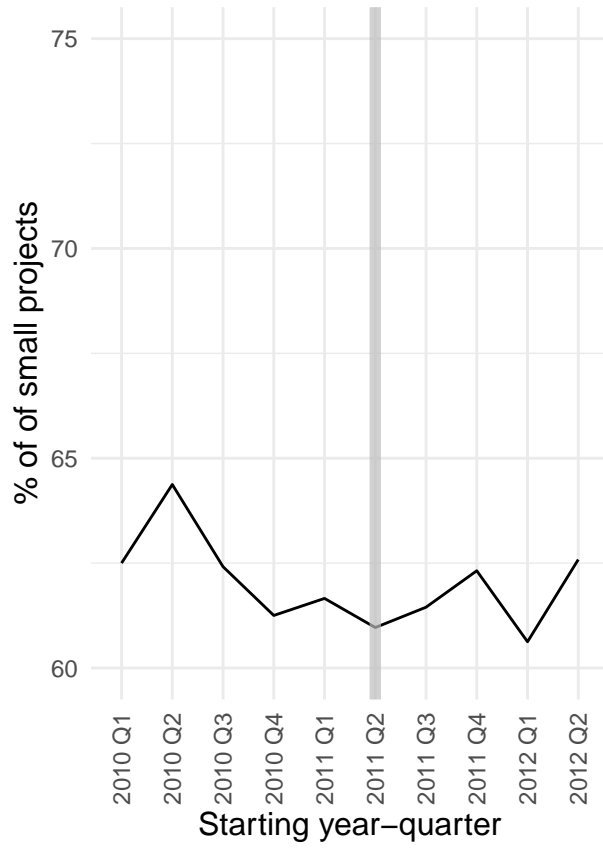


Project level delays

2023-11-30



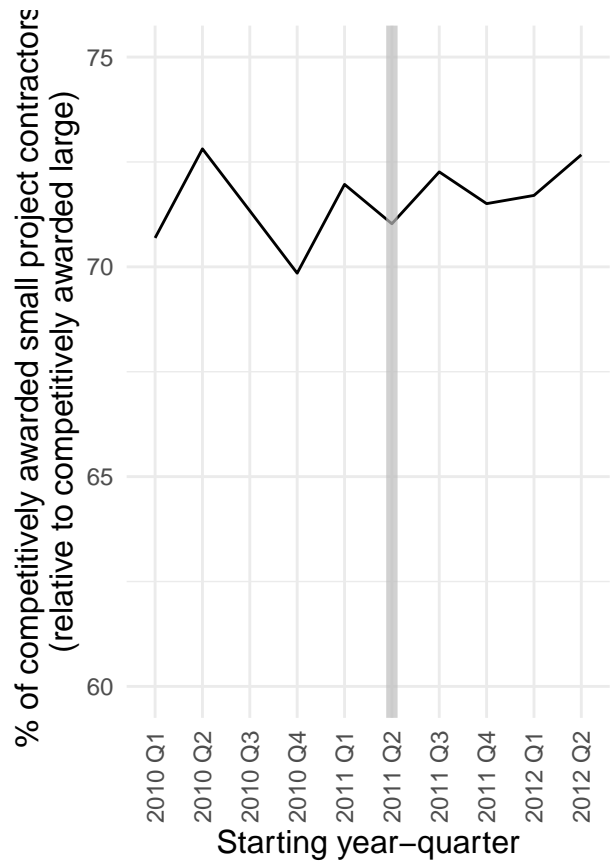
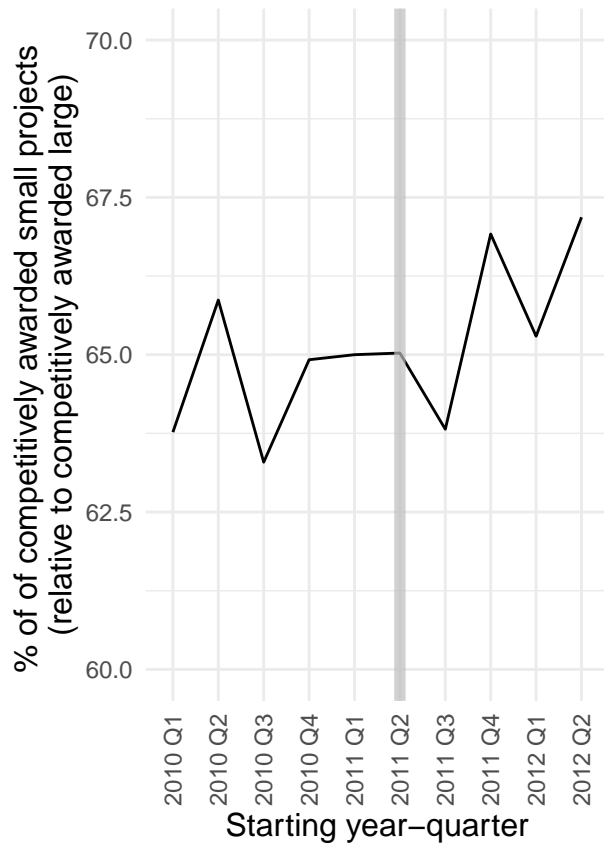


Table 1: Full sample

Dependent Variables: Model:	Delay days (1) OLS	Delay/Initial duration (2) OLS	I(Delay>0) (3) Logit	I(Delay<0) (4) Logit
<i>Variables</i>				
Treat	-8.83*** (1.03)	-2.16*** (0.26)	-0.38*** (0.03)	0.14 (0.10)
Post	9.72* (5.17)	-1.40** (0.59)	0.46*** (0.15)	0.27 (0.19)
Treat \times Post	8.67*** (0.96)	1.54*** (0.30)	0.23*** (0.04)	-0.24** (0.12)
Controls	Yes	Yes	Yes	Yes
<i>Fixed-effects</i>				
Start Year-Quarter	Yes	Yes	Yes	Yes
Task	Yes	Yes	Yes	Yes
NAICS	Yes	Yes	Yes	Yes
Sub-agency	Yes	Yes	Yes	Yes
<i>Fit statistics</i>				
Observations	229,081	224,338	226,059	209,905
Squared Correlation	0.14024	0.19161	0.17044	0.05128
Pseudo R ²	0.01361	0.03201	0.20140	0.15201
BIC	2,530,299.3	1,464,360.5	137,594.8	29,230.1

Clustered (Start Year-Quarter) standard-errors in parentheses

*Signif. Codes: ***: 0.01, **: 0.05, *: 0.1*

Table 2: Clean control group

Dependent Variables: Model:	Delay days (1) OLS	Delay/Initial duration (2) OLS	I(Delay>0) (3) Logit	I(Delay<0) (4) Logit
<i>Variables</i>				
Treat	-7.28*** (1.43)	-0.73*** (0.22)	-0.27*** (0.03)	0.01 (0.16)
Post	9.90* (5.28)	-0.74** (0.35)	0.49*** (0.15)	0.17 (0.24)
Treat \times Post	7.81*** (1.49)	0.60** (0.22)	0.17*** (0.05)	-0.09 (0.19)
Controls	Yes	Yes	Yes	Yes
<i>Fixed-effects</i>				
Start Year-Quarter	Yes	Yes	Yes	Yes
Task	Yes	Yes	Yes	Yes
NAICS	Yes	Yes	Yes	Yes
Sub-agency	Yes	Yes	Yes	Yes
<i>Fit statistics</i>				
Observations	195,138	192,054	191,971	177,316
Squared Correlation	0.13588	0.05823	0.16090	0.05129
Pseudo R ²	0.01324	0.01052	0.19518	0.15150
BIC	2,144,079.8	1,103,808.9	115,771.3	25,252.5

Clustered (Start Year-Quarter) standard-errors in parentheses

*Signif. Codes: ***: 0.01, **: 0.05, *: 0.1*

Table 3: Action type = M or N/A

Dependent Variable:	Delay days	
	All	Clean control
Model:	(1)	(2)
<i>Variables</i>		
Treat	-8.73*** (0.99)	-7.20*** (1.38)
Post	9.66* (5.20)	9.82* (5.30)
Treat \times Post	8.39*** (0.92)	7.56*** (1.44)
Controls	Yes	Yes
<i>Fixed-effects</i>		
Start Year-Quarter	Yes	Yes
Task	Yes	Yes
NAICS	Yes	Yes
Sub-agency	Yes	Yes
<i>Fit statistics</i>		
Observations	225,298	191,680
R ²	0.13967	0.13546
Within R ²	0.01986	0.02163

Clustered (Start Year-Quarter) standard-errors in parentheses
*Signif. Codes: ***: 0.01, **: 0.05, *: 0.1*

Table 4: No set aside used

Dependent Variable:	Delay days	
	All	Clean control
Model:	(1)	(2)
<i>Variables</i>		
Treat	-8.85*** (1.50)	-8.61*** (1.82)
Post	9.50* (4.69)	9.30* (4.78)
Treat \times Post	9.81*** (1.36)	9.00*** (1.87)
Controls	Yes	Yes
<i>Fixed-effects</i>		
Start Year-Quarter	Yes	Yes
Task	Yes	Yes
NAICS	Yes	Yes
Sub-agency	Yes	Yes
<i>Fit statistics</i>		
Observations	169,716	135,825
R ²	0.15349	0.14790
Within R ²	0.01793	0.02012

Clustered (Start Year-Quarter) standard-errors in parentheses
*Signif. Codes: ***: 0.01, **: 0.05, *: 0.1*

Table 5: Projects that started before QuickPay

Dependent Variable:	Delay days	
	All	Clean control
Model:	(1)	(2)
<i>Variables</i>		
Treat	-6.34*** (0.42)	-4.37*** (0.86)
Post	-1.92 (3.90)	-1.49 (4.47)
Treat \times Post	7.31*** (0.98)	5.53*** (1.51)
Controls	Yes	Yes
<i>Fixed-effects</i>		
Start Year-Quarter	Yes	Yes
Task	Yes	Yes
NAICS	Yes	Yes
Sub-agency	Yes	Yes
<i>Fit statistics</i>		
Observations	124,681	106,233
R ²	0.17970	0.17644
Within R ²	0.02801	0.03050

Clustered (Start Year-Quarter) standard-errors in parentheses
*Signif. Codes: ***: 0.01, **: 0.05, *: 0.1*

Table 6: Projects that had a positive delay only

Dependent Variable:	Delay days	
	All	Clean control
Model:	(1)	(2)
<i>Variables</i>		
Treat	-16.31*** (2.48)	-10.54** (4.28)
Post	2.21 (14.45)	1.06 (15.89)
Treat \times Post	23.71*** (2.87)	21.73*** (5.07)
Controls	Yes	Yes
<i>Fixed-effects</i>		
Start Year-Quarter	Yes	Yes
Task	Yes	Yes
NAICS	Yes	Yes
Sub-agency	Yes	Yes
<i>Fit statistics</i>		
Observations	24,917	20,300
R ²	0.25326	0.26326
Within R ²	0.02019	0.02124

Clustered (Start Year-Quarter) standard-errors in parentheses
*Signif. Codes: ***: 0.01, **: 0.05, *: 0.1*

Table 7: Matching

Dependent Variable:	CEM	Delay days PSM with 0.2 caliper
Model:	(1)	(2)
<i>Variables</i>		
Treat	-1.57*** (0.23)	-2.64*** (0.32)
Post	3.61** (1.35)	4.71** (1.99)
Treat \times Post	1.10** (0.44)	1.83*** (0.34)
Controls	Yes	Yes
<i>Fixed-effects</i>		
Start Year-Quarter	Yes	Yes
Task	Yes	Yes
NAICS	Yes	Yes
Sub-agency	Yes	Yes
<i>Fit statistics</i>		
Observations	124,817	39,786
R ²	0.15075	0.15916
Within R ²	0.01716	0.01394

Clustered (Start Year-Quarter) standard-errors in parentheses
*Signif. Codes: ***: 0.01, **: 0.05, *: 0.1*