# 1 Figures

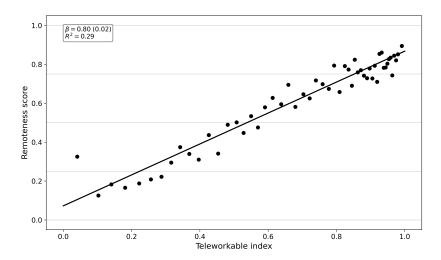


Figure 1: Remote v. Teleworkabe Scores

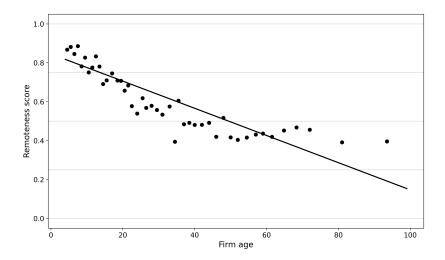


Figure 2: Remote v. Firm Age

### 2 Table of Means

Table 1: Table of Means

	Startup	Incumbent	All Firms
Panel A: Firm-level			
	0.20	0.06	0.09
Growth	(0.31)	(0.16)	(0.22)
_	$0.26^{'}$	0.21	$0.22^{'}$
Leave	(0.31)	(0.28)	(0.29)
T.,	$0.36^{'}$	$0.17^{'}$	$0.22^{'}$
Join	(0.32)	(0.18)	(0.23)
T. 1.11. G (0.1)	0.84	$0.67^{'}$	$0.71^{'}$
Teleworkable Score (0–1)	(0.20)	(0.28)	(0.27)
D (0.1)	0.85	$0.57^{'}$	0.64
Remote Score (0–1)	(0.30)	(0.41)	(0.41)
Employees (Count)	274	2749	2138
Employees (Count)	(1441)	(9568)	(8402)
٨	7	43	34
Age	(2)	(34)	(33)
D (0/ 0)	49	37	41
Rent (\$/sq ft)	(21)	(19)	(20)
Gt1:t G	1353	932	1036
Centrality Score	(1707)	(1263)	(1398)
C::t I1- (Ct)	3.65	3.87	3.81
Seniority Levels (Count)	(0.74)	(0.49)	(0.57)
Number of firms	865	2621	3486
Observations	10311	31431	41742
Panel B: User-level			
	362.95	192.71	225.61
Total Contributions	(818.33)	(522.29)	(594.97)
D + : + 1 C + :1 ::	319.97	139.93	174.72
Restricted Contributions	(747.40)	(359.56)	(466.14)
Number of firms	708	1501	2209
Number of users	8314	31992	37170
Observations	44664	186491	231155

Notes: Panel A uses firm–half–year observations; "Number of firms" counts distinct firm IDs that ever appear in each category over the full sample window, so Startup and Incumbent counts need not sum to the "All" column. Panel B relies on worker–half–year observations and its bottom rows list (i) distinct firms, (ii) distinct users, and (iii) total worker–half–year observations. Startup/Incumbent user counts are likewise distinct ID counts aggregated across the whole period and therefore can overlap. Growth, Leave, and Join rates are fractions between 0 and 1. Teleworkable and Remote scores are index values between 0 and 1. The sample period spans 2016 H2–2022 H1 at the firm level and 2017 H1–2022 H1 at the user level.

# 3 Firm Scaling

## 3.1 OLS

Table 2: Firm Scaling OLS

Panel A: Growth					
	(1)	(2)	(3)	(4)	(5)
$\overline{\text{Remote} \times \mathbb{1}(\text{Post})}$	0.013** (0.005)	0.003 $(0.005)$	-0.003 (0.006)	-0.000 (0.007)	-0.004 (0.011)
$Remote \times \mathbb{1}(Post) \times Star$	tup	0.068*** $(0.024)$	0.075*** (0.024)	0.078*** $(0.027)$	0.088** $(0.035)$
Time FE	<b>√</b>	<b>√</b>			
Firm FE	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$
$Industry \times Time FE$			$\checkmark$		$\checkmark$
$HQ \times Time FE$				$\checkmark$	$\checkmark$
N	41,980	41,742	41,406	33,537	23,866

	Out	scome
	Join	Leave
Demote v 1/Dest	0.012**	0.016***
Remote $\times 1$ (Post)	(0.005)	(0.002)
D	0.047*	-0.014
Remote $\times 1$ (Post) $\times$ Startup	(0.026)	(0.011)
Pre-COVID mean	0.25	0.14
N	41,742	41,742

### 3.2 Instrumental Variables

Table 3: Firm Scaling IV

(1)	(2)	(3)	(4)	(5)
0.022*	-0.002	-0.024	-0.007	0.012
(0.012)	(0.009)	(0.023)	(0.015)	(0.056)
	0.221**	0.210**	0.220*	0.345
up	(0.089)	(0.091)	(0.129)	(0.326)
<b>√</b>	<b>√</b>			
$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$
		$\checkmark$		$\checkmark$
			$\checkmark$	$\checkmark$
41,980	41,742	41,406	33,537	23,866
839.65	18.30	20.54	10.19	2.08
	0.022* (0.012) up              41,980	$ \begin{array}{ccc} (1) & (2) \\ 0.022* & -0.002 \\ (0.012) & (0.009) \\ 0.221** \\ (0.089) \end{array} $ $ \checkmark \qquad \checkmark $ $ 41,980 \qquad 41,742 $	$\begin{array}{c ccccc} (1) & (2) & (3) \\ \hline 0.022* & -0.002 & -0.024 \\ (0.012) & (0.009) & (0.023) \\ 0.221** & 0.210** \\ & (0.089) & (0.091) \\ \hline \\ \checkmark & \checkmark & \checkmark \\ \checkmark & \checkmark & \checkmark \\ \hline 41,980 & 41,742 & 41,406 \\ \hline \end{array}$	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$

Panel B: Additional Outcomes

	Outcome		
	Join	Leave	
$\overline{\text{Remote} \times \mathbb{1}(\text{Post})}$	0.028*** (0.009)	0.045*** (0.005)	
$\mathrm{Remote} \times \mathbb{1}(\mathrm{Post}) \times \mathrm{Startup}$	0.234** (0.097)	0.065 $(0.047)$	
Pre-COVID mean	0.25	0.14	
N	41,742	41,742	
KP rk Wald F	18.30	18.30	

### 3.3 First Stage

Table 4: First-Stage Estimates – Firm Scaling

	$\mathrm{Remote} \times \mathbb{1}(\mathrm{Post})$	$\operatorname{Remote} \times \mathbb{1}(\operatorname{Post}) \times \operatorname{Startup}$
Televioulishle v 1 (Deet)	0.772***	-0.000
Teleworkable $\times 1$ (Post)	(0.024)	(0.000)
$\text{Teleworkable} \times \mathbb{1}(\text{Post}) \times \text{Startup}$	-0.349***	0.423***
	(0.074)	(0.070)
1 (Dt) v Ctt	0.446***	0.497***
$\mathbb{1}(\text{Post}) \times \text{Startup}$	(0.065)	(0.063)
Time FE	✓	✓
Firm FE	$\checkmark$	$\checkmark$
Partial F	525.42	18.34
N	41,742	41,742

### ${\bf 3.4}\quad {\bf Remote} \rightarrow {\bf Teleworkable:}\ {\bf First}\ {\bf Stage}$

Table 5: First-Stage Estimate: Remote  $\rightarrow$  Teleworkable

	Remote
Teleworkable	0.795*** (0.021)
$R^2$	0.290
N	3,486

# 4 User Productivity

#### 4.1 OLS – Unbalanced Panel

Table 6: User Productivity (unbalanced) – OLS

Panel A: Total Contrib. (pct. rk)						
	(1)	(2)	(3)	(4)	(5)	(6)
$\overline{\text{Remote} \times \mathbb{1}(\text{Post})}$	0.29 (0.24)	0.32 (0.25)	0.27 (0.26)	0.16 (0.26)	0.34 (0.26)	0.29 $(0.29)$
$Remote \times \mathbb{1}(Post) \times Startup$	,	-0.40 (0.81)	0.19 $(0.84)$	-0.49 $(0.83)$	-0.42 $(0.82)$	-0.83 (0.88)
Time FE	✓	<b>√</b>	<b>√</b>			
Firm FE	$\checkmark$	$\checkmark$		$\checkmark$	$\checkmark$	$\checkmark$
User FE	$\checkmark$	$\checkmark$		$\checkmark$	$\checkmark$	$\checkmark$
$Firm \times User FE$			$\checkmark$			
$Industry \times Time FE$				$\checkmark$		$\checkmark$
$MSA \times Time FE$					$\checkmark$	$\checkmark$
N	1,226,001	1,226,001	1,209,078	1,218,407	1,225,589	1,208,970

	$\operatorname{Outcome}$				
	Restricted (pct. rk)	Total (wins.)	Restr. (wins.)		
$\overline{\text{Remote} \times \mathbb{1}(\text{Post})}$	-0.28** (0.12)	-0.51 (0.52)	-0.20 (0.29)		
$\operatorname{Remote} \times \mathbb{1}(\operatorname{Post}) \times \operatorname{Startup}$	1.93*** (0.49)	5.22** (2.47)	5.37*** $(1.56)$		
Pre-COVID mean N	16.32 1,226,001	34.87 1,226,001	15.82 1,226,001		

## 4.2 OLS – Balanced Panel

Table 7: User Productivity (balanced) – OLS

		• (	,						
Panel A: Total Contrib. (	Panel A: Total Contrib. (pct. rk)								
	(1)	(2)	(3)	(4)	(5)	(6)			
$\overline{\text{Remote} \times \mathbb{1}(\text{Post})}$	0.30 $(0.38)$	0.48 (0.39)	0.51 (0.40)	0.43 (0.40)	0.40 (0.41)	0.11 (0.46)			
$\mathrm{Remote} \times \mathbb{1}(\mathrm{Post}) \times \mathrm{Startup}$		-3.56** $(1.55)$	-3.72** (1.60)	-3.84** (1.60)	-3.47** (1.57)	-3.50** (1.69)			
Time FE	$\checkmark$	$\checkmark$	$\checkmark$						
Firm FE	$\checkmark$	$\checkmark$		$\checkmark$	$\checkmark$	$\checkmark$			
User FE	$\checkmark$	$\checkmark$		$\checkmark$	$\checkmark$	$\checkmark$			
$Firm \times User FE$			$\checkmark$						
$Industry \times Time FE$				$\checkmark$		$\checkmark$			
$MSA \times Time FE$					$\checkmark$	$\checkmark$			
N	518,971	518,971	516,316	515,689	518,303	508,382			

	Outcome				
	Restricted (pct. rk)	Total (wins.)	Restr. (wins.)		
$\overline{\text{Remote} \times \mathbb{1}(\text{Post})}$	-0.07 (0.11)	-0.61 (0.59)	-0.05 (0.19)		
$Remote \times \mathbb{1}(Post) \times Startup$	$1.00 \\ (0.62)$	$0.72 \\ (3.27)$	1.10 $(1.14)$		
Pre-COVID mean N	9.69 518,971	26.46 518,971	7.03 518,971		

## 4.3 OLS – Pre-COVID Panel

Table 8: User Productivity (precovid) – OLS

		· · · / (I		-		
Panel A: Total Contrib. (	(pct. rk)					
	(1)	(2)	(3)	(4)	(5)	(6)
$\overline{\text{Remote} \times \mathbb{1}(\text{Post})}$	-0.28 (0.44)	-1.03** (0.48)	-1.23** (0.50)	-0.93* (0.49)	-0.66 (0.50)	-0.50 (0.55)
$\mathrm{Remote} \times \mathbb{1}(\mathrm{Post}) \times \mathrm{Startup}$		5.18*** (1.24)	6.21*** $(1.27)$	5.41*** (1.29)	4.84*** $(1.25)$	4.66*** (1.38)
Time FE	$\checkmark$	$\checkmark$	$\checkmark$			
Firm FE	$\checkmark$	$\checkmark$		$\checkmark$	$\checkmark$	$\checkmark$
User FE	$\checkmark$	$\checkmark$		$\checkmark$	$\checkmark$	$\checkmark$
$Firm \times User FE$			$\checkmark$			
$Industry \times Time FE$				$\checkmark$		$\checkmark$
$MSA \times Time FE$					$\checkmark$	$\checkmark$
N	229,862	229,862	224,708	227,829	229,043	222,867

	$\operatorname{Outcome}$				
	Restricted (pct. rk)	Total (wins.)	Restr. (wins.)		
$\overline{\text{Remote} \times \mathbb{1}(\text{Post})}$	-1.44*** (0.50)	-17.75*** (4.47)	-16.09*** (3.76)		
$Remote \times \mathbb{1}(Post) \times Startup$	6.37*** $(1.24)$	52.56*** $(13.55)$	48.60*** (12.15)		
Pre-COVID mean N	48.48 229,862	184.71 229,862	138.15 229,862		

### 4.4 OLS – Balanced Pre Panel

Table 9: User Productivity (balanced\_pre) – OLS

Panel A: Total Contrib. (pct. rk)						
	(1)	(2)	(3)	(4)	(5)	(6)
$\overline{\text{Remote} \times \mathbb{1}(\text{Post})}$	-1.51 (0.92)	-2.66*** (0.99)	-2.79*** (0.99)	-2.62*** (1.01)	-2.52** (1.06)	-2.62** (1.17)
$\mathrm{Remote} \times \mathbb{1}(\mathrm{Post}) \times \mathrm{Startup}$		9.18*** (2.69)	9.77*** (2.68)	8.41*** $(2.91)$	9.44*** $(2.80)$	8.20** (3.28)
Time FE	<b>√</b>	<b>√</b>	<b>√</b>			
Firm FE	$\checkmark$	$\checkmark$		$\checkmark$	$\checkmark$	$\checkmark$
User FE	$\checkmark$	$\checkmark$		$\checkmark$	$\checkmark$	$\checkmark$
$Firm \times User FE$			$\checkmark$			
$Industry \times Time FE$				$\checkmark$		$\checkmark$
$MSA \times Time FE$					$\checkmark$	✓
N	52,949	52,995	52,718	52,386	52,176	49,470

	Outcome				
	Restricted (pct. rk)	Total (wins.)	Restr. (wins.)		
$\overline{\text{Remote} \times \mathbb{1}(\text{Post})}$	-1.97**	-38.20***	-37.69***		
	(0.99)	(12.27)	(10.33)		
$Remote \times \mathbb{1}(Post) \times Startup$	8.46***	143.18***	131.63***		
	(2.62)	(40.42)	(36.06)		
Pre-COVID mean N	49.77	325.05	251.38		
	52,949	52,949	52,949		

### 4.5 Instrumental Variables – Unbalanced Panel

Table 10: User Productivity (unbalanced) – IV

Panel A: Total Contrib. (pct. rk)						
	(1)	(2)	(3)	(4)	(5)	(6)
$\overline{\text{Remote} \times \mathbb{1}(\text{Post})}$	13.54*** (1.86)	14.89*** (2.09)	13.03*** (2.13)	17.49*** (3.74)	15.18*** (2.09)	12.48** (4.97)
$\mathrm{Remote} \times \mathbb{1}(\mathrm{Post}) \times \mathrm{Startup}$				-10.21***		-7.25* (4.13)
		(3.89)	(3.93)	(3.72)	(3.98)	
Time FE	<b>√</b>	<b>√</b>	<b>√</b>			
Firm FE	$\checkmark$	$\checkmark$		$\checkmark$	$\checkmark$	$\checkmark$
User FE	$\checkmark$	$\checkmark$		$\checkmark$	$\checkmark$	$\checkmark$
$Firm \times User FE$			$\checkmark$			
$Industry \times Time FE$				$\checkmark$		$\checkmark$
$MSA \times Time FE$					$\checkmark$	$\checkmark$
N	1,226,001	1,226,001	1,209,078	1,218,407	1,225,589	1,208,970
KP rk Wald F	1654.39	664.98	589.48	352.13	714.73	220.97

	Outcome				
	Restricted (pct. rk)	Total (wins.)	Restr. (wins.)		
$\overline{\text{Remote} \times \mathbb{1}(\text{Post})}$	0.01	-0.39	-1.83		
	(0.90)	(3.58)	(1.99)		
$Remote \times \mathbb{1}(Post) \times Startup$	4.61**	12.83	14.22*		
	(2.13)	(11.74)	(7.32)		
Pre-COVID mean	16.32	34.87	15.82		
N	1,226,001	1,226,001	1,226,001		
KP rk Wald F	664.98	664.98	664.98		

### 4.6 Instrumental Variables – Balanced Panel

Table 11: User Productivity (balanced) – IV

Panel A: Total Contrib. (pct. rk)						
	(1)	(2)	(3)	(4)	(5)	(6)
Pameta v 1 (Post)	15.92***	16.64***	15.11***	12.96**	16.57***	7.21
Remote $\times 1$ (Post)	(3.07)	(3.29)	(3.29)	(6.33)	(3.24)	(8.63)
Pamata v 1 (Pagt) v Startun		-8.52	-10.61	-9.99	-10.52	-4.05
Remote $\times 1(Post) \times Startup$		(7.84)	(7.98)	(7.30)	(7.99)	(7.91)
Time FE	✓	<b>√</b>	<b>√</b>			
Firm FE	$\checkmark$	$\checkmark$		$\checkmark$	$\checkmark$	$\checkmark$
User FE	$\checkmark$	$\checkmark$		$\checkmark$	$\checkmark$	$\checkmark$
$Firm \times User FE$			$\checkmark$			
$Industry \times Time FE$				$\checkmark$		$\checkmark$
$MSA \times Time FE$					$\checkmark$	$\checkmark$
N	518,971	518,971	516,316	515,689	518,303	508,382
KP rk Wald F	630.03	275.72	265.72	127.31	304.46	77.37

	Outcome				
	Restricted (pct. rk)	Total (wins.)	Restr. (wins.)		
$\overline{\text{Remote} \times \mathbb{1}(\text{Post})}$	0.56 (0.84)	-7.05* (4.13)	-1.50 (1.29)		
$Remote \times \mathbb{1}(Post) \times Startup$	5.38* (3.25)	$   \begin{array}{c}     19.21 \\     (17.94)   \end{array} $	11.62* (6.36)		
Pre-COVID mean	9.69	26.46	7.03		
N	518,971	518,971	518,971		
KP rk Wald F	275.72	275.72	275.72		

### 4.7 Instrumental Variables – Pre-COVID Panel

Table 12: User Productivity (precovid) –  ${\rm IV}$ 

Panel A: Total Contrib. (pct. rk)						
	(1)	(2)	(3)	(4)	(5)	(6)
$\overline{\text{Remote} \times \mathbb{1}(\text{Post})}$	-3.61 (2.82)	-7.15* (3.90)	-9.26** (4.01)	-5.11 (5.27)	-6.05 (4.17)	-11.55 (8.14)
$\mathrm{Remote} \times \mathbb{1}(\mathrm{Post}) \times \mathrm{Startup}$		9.94* $(5.37)$	12.45** $(5.39)$	7.67 $(5.07)$	9.50 $(5.85)$	9.78 $(6.68)$
Time FE	✓	✓	✓			
Firm FE	$\checkmark$	$\checkmark$		$\checkmark$	$\checkmark$	$\checkmark$
User FE	$\checkmark$	$\checkmark$		$\checkmark$	$\checkmark$	$\checkmark$
$Firm \times User FE$			$\checkmark$			
$Industry \times Time FE$				$\checkmark$		$\checkmark$
$MSA \times Time FE$					$\checkmark$	$\checkmark$
N	229,862	229,862	224,708	227,829	229,043	222,867
KP rk Wald F	543.26	140.60	123.43	109.16	130.48	49.49

	Outcome				
	Restricted (pct. rk)	Total (wins.)	Restr. (wins.)		
${\text{Remote} \times 1(\text{Post})}$	-6.60 (4.08)	-105.78*** (32.28)	-100.61*** (26.91)		
$Remote \times \mathbb{1}(Post) \times Startup$	9.07* (5.43)	104.41* (54.00)	92.22* (48.06)		
Pre-COVID mean	48.48	184.71	138.15		
N	$229,\!862$	229,862	$229,\!862$		
KP rk Wald F	140.60	140.60	140.60		

### 4.8 Instrumental Variables – Balanced Pre Panel

Table 13: User Productivity (balanced\_pre) – IV

Panel A: Total Contrib. (pct. rk)						
	(1)	(2)	(3)	(4)	(5)	(6)
$\overline{\text{Remote} \times \mathbb{1}(\text{Post})}$	-9.92*	-17.36**	-19.30**	-33.79**	-19.43*	-69.25**
Remote $\times 1$ (Post) $\times$ Startup	(5.69)	(8.72) $31.85***$	(8.79) $33.67***$	(13.70) $31.16**$	(10.16) $38.26***$	(32.95) $56.17***$
Remote × I(1 ost) × Startup		(12.28)	(12.32)	(12.23)	(14.58)	(21.61)
Time FE	$\checkmark$	$\checkmark$	$\checkmark$			
Firm FE	$\checkmark$	$\checkmark$		$\checkmark$	$\checkmark$	$\checkmark$
User FE	$\checkmark$	$\checkmark$		$\checkmark$	$\checkmark$	$\checkmark$
$Firm \times User FE$			$\checkmark$			
$Industry \times Time FE$				$\checkmark$		$\checkmark$
$MSA \times Time FE$					$\checkmark$	$\checkmark$
N	52,949	52,995	52,718	52,386	52,176	49,470
KP rk Wald F	120.75	26.05	25.60	16.94	21.18	4.81

Panel B: Additional Outcomes

	Outcome				
	Restricted (pct. rk)	Total (wins.)	Restr. (wins.)		
${\text{Remote} \times \mathbb{1}(\text{Post})}$	-15.48** (6.63)	-197.13*** (75.86)	-150.68** (63.54)		
$Remote \times \mathbb{1}(Post) \times Startup$	26.03** (12.49)	276.86 (180.60)	259.79 $(165.32)$		
Pre-COVID mean	49.77	325.05	251.38		
N	52,949	52,949	52,949		
KP rk Wald F	44.53	44.53	44.53		

### 4.9 First Stage – Unbalanced Panel

Table 14: First-Stage Estimates – User Productivity (unbalanced)

	$\mathrm{Remote} \times \mathbb{1}(\mathrm{Post})$	$\operatorname{Remote} \times \mathbb{1}(\operatorname{Post}) \times \operatorname{Startup}$
Telementable v 1 (Dest)	0.18***	-0.00
Teleworkable $\times 1$ (Post)	(0.00)	(0.00)
Teleworkable $\times 1(Post) \times Startup$	0.14***	0.31***
releworkable × II(Fost) × Startup	(0.02)	(0.01)
1 (Doot) v Stantun	0.10***	0.58***
$\mathbb{1}(\text{Post}) \times \text{Startup}$	(0.01)	(0.01)
Time FE	✓	$\checkmark$
Firm FE	$\checkmark$	$\checkmark$
User FE	✓	✓
Partial F	887.15	221.85
N	1,226,001	$1,\!226,\!001$

## 4.10 First Stage – Balanced Panel

Table 15: First-Stage Estimates – User Productivity (balanced)

	$\mathrm{Remote} \times \mathbb{1}(\mathrm{Post})$	$\operatorname{Remote} \times \mathbb{1}(\operatorname{Post}) \times \operatorname{Startup}$
Teleworkable $\times 1(Post)$	0.17***	0.00
releworkable × II(1 ost)	(0.01)	(0.00)
Teleworkable $\times 1(Post) \times Startup$	0.09***	0.26***
Teleworkable × II(1 ost) × Startup	(0.03)	(0.03)
$\mathbb{1}(\text{Post}) \times \text{Startup}$	0.15***	0.63***
r(1 ost) × startup	(0.02)	(0.02)
Time FE	✓	✓
Firm FE	$\checkmark$	$\checkmark$
User FE	✓	✓
Partial F	326.75	50.77
N	518,971	518,971

### 4.11 First Stage – Pre-COVID Panel

Table 16: First-Stage Estimates – User Productivity (precovid)

	Remote $\times 1$ (Post)	$\overline{\text{Remote} \times \mathbb{1}(\text{Post}) \times \text{Startup}}$
Toloworkahla v 1 (Post)	0.23***	-0.00*
Teleworkable $\times 1$ (Post)	(0.01)	(0.00)
Teleworkable $\times 1(Post) \times Startup$	0.16***	0.39***
Teleworkable × II(1 ost) × Startup	(0.02)	(0.02)
$1(Post) \times Startup$	0.09***	0.60***
I(1 ost) \( \text{Startup}	(0.02)	(0.01)
Time FE	✓	✓
Firm FE	$\checkmark$	$\checkmark$
User FE	✓	✓
Partial F	325.46	186.55
N	$229,\!862$	229,862

### 4.12 First Stage – Balanced Pre Panel

Table 17: First-Stage Estimates – User Productivity (balanced\_pre)

	$\mathrm{Remote} \times \mathbb{1}(\mathrm{Post})$	$Remote \times \mathbb{1}(Post) \times Startup$
Tolomorlychia v 1 (Dogt)	0.29***	0.00**
Teleworkable $\times 1$ (Post)	(0.03)	(0.00)
Teleworkable $\times 1(Post) \times Startup$	-0.04	0.25***
releworkable × II(1 ost) × Startup	(0.05)	(0.05)
$\mathbb{1}(\text{Post}) \times \text{Startup}$	0.22***	0.66***
I(1 ost) \sim startup	(0.05)	(0.04)
Time FE	✓	✓
Firm FE	$\checkmark$	$\checkmark$
User FE	✓	✓
Partial F	60.53	18.22
N	52,949	52,949

#### Full Horse-Race

#### Core interactions

 $v_3 = \operatorname{Post} \times \operatorname{Remote}, \quad v_4 = \operatorname{Post} \times \operatorname{Startup}, \quad v_5 = \operatorname{Post} \times \operatorname{Remote} \times \operatorname{Startup}.$ 

For each mechanism  $Z \in \{\text{Rent}, \text{HHI}, \text{Seniority}, \text{Wage}\}$  create

$$v_Z = \text{Post} \times Z, \quad v_{Zr} = \text{Post} \times Z \times \text{Remote}, \quad v_{Zt} = \text{Teleworkable} \times \text{Post} \times Z.$$

Equation

$$Y_{it} = \beta_3 v_{3,it} + \beta_5 v_{5,it} + \sum_{Z \in S} (\delta_Z v_{Z,it} + \theta_Z v_{Zr,it} + \kappa_Z v_{Zt,it}) + \varphi v_{4,it}.$$

Endogenous set  $\{v_3, v_5, v_{Zr} | Z \in S\}$  Instruments  $\{v_6, v_7, v_{Zt} | Z \in S\}$ . Watching how  $\widehat{\beta}_5$  changes as S expands reveals whether the mechanism works generally  $(v_Z)$  or only for remote roles  $(v_{Zr})$ .

#### 17

#### 4.13 User Mechanisms – Unbalanced Panel

Table 18: User Mechanisms (Unbalanced) – Part 1

	14010	10. 0001 111	cenamini (		1 2010 1			
				Total Cont	rib. (pct. rk	)		
Specification	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
Rent		<b>√</b>				<b>√</b>	<b>√</b>	<b>√</b>
HHI			$\checkmark$			$\checkmark$		
Seniority				$\checkmark$			$\checkmark$	
Wage					$\checkmark$			$\checkmark$
Panel A: OLS								
Remote $\times 1$ (Post)	0.32	-0.81	0.33	-2.12	-0.59	-0.83	-1.76	-1.72*
, , ,	(0.25)	(0.60)	(0.33)	(3.07)	(0.80)	(0.63)	(3.11)	(0.97)
Remote $\times 1(Post) \times Startup$	-0.40	-1.60*	-0.44	-0.35	-0.42	-1.72**	-1.60*	-1.62*
	(0.81)	(0.83)	(0.83)	(0.82)	(0.81)	(0.85)	(0.85)	(0.83)
N	1,226,001	1,180,233	1,225,682	1,226,001	1,225,991	1,180,011	1,180,233	1,180,223
Panel B: IV								
Remote $\times 1$ (Post)	14.89***	2662.26	7.34	193209.29	-178.16**	4634.32	3060.96	2407.44
,	(2.09)	(8865.69)	(5.09)	(914343.25)	(84.67)	(24238.31)	(10120.36)	(11272.61)
Remote $\times 1$ (Post) $\times$ Startup	-10.08***	-231.09	-9.72**	4014.77	40.83*	-818.22	-202.95	-204.55
· · ·	(3.89)	(719.25)	(4.36)	(19329.04)	(22.84)	(4204.45)	(753.33)	(1095.00)
N	1,226,001	1,065,551	1,106,082	1,106,359	1,106,354	1,065,355	1,065,551	1,065,546
KP rk Wald F	664.98	0.03	5.98	0.01	3.15	0.01	0.02	0.01

Table 19: User Mechanisms (Unbalanced) – Part 2 Total Contrib. (pct. rk) Specification (1)(2)(3)(4)(5)(6)(7)(8)Rent  $\checkmark$  $\checkmark$  $\checkmark$  $\checkmark$ HHI $\checkmark$  $\checkmark$ ✓ Seniority  $\checkmark$  $\checkmark$  $\checkmark$  $\checkmark$ Wage  $\checkmark$  $\checkmark$ Panel A: OLS -1.73\* -2.69 Remote  $\times 1$  (Post) -1.75-0.57-3.21-1.65-2.82-2.81(3.17)(3.21)(3.23)(3.28)(3.32)(0.82)(3.20)(0.98)Remote  $\times 1(Post) \times Startup$ -0.40-0.45-0.36-1.72\*\* -1.73\*\* -1.61\* -0.41-1.72\*\* (0.84)(0.83)(0.82)(0.86)(0.85)(0.85)(0.84)(0.86)Ν 1,225,682 1,225,672 1,225,991 1,180,011 1,180,001 1,180,223 1,225,672 1,180,001 Panel B: IV Remote  $\times 1$ (Post) -13248.06-178.63\*\* -442.052690.93-385.251609.91 2706.39898.78(9570.17)(84.52)(1063.67)(14404.15)(2395.57)(12599.76)(988.01)(2611.84)Remote  $\times 1(Post) \times Startup$ -199.4539.78\*-883.68 -206.99 43.2241.43-131.84 -114.86 (164.73)(22.87)(30.06)(4559.97)(414.53)(1233.60)(27.99)(318.18)Ν 1,065,355 1,065,350 1,106,082 1,106,077 1,106,354 1,065,546 1,106,077 1,065,350 KP rk Wald F 2.37 0.01 0.070.560.750.010.050.88

#### 19

#### 4.14 User Mechanisms – Balanced Panel

Table 20: User Mechanisms (Balanced) – Part 1

	140	ole 20: User N	1cciramsin,	/		- >		
				Total Cont	trib. (pct. 1	rk)		
Specification	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
Rent		<b>√</b>				<b>√</b>	<b>√</b>	<b>√</b>
HHI			$\checkmark$			$\checkmark$		
Seniority				$\checkmark$			$\checkmark$	
Wage					$\checkmark$			$\checkmark$
Panel A: OLS								
Remote $\times 1$ (Post)	0.48	-1.30	0.60	-3.17	-1.79	-1.26	-3.44	-3.43**
	(0.39)	(0.93)	(0.51)	(5.62)	(1.24)	(0.98)	(5.65)	(1.48)
Remote $\times 1(Post) \times Startup$	-3.56**	-4.14***	-3.53**	-3.48**	-3.66**	-4.19***	-4.12**	-4.21***
	(1.55)	(1.59)	(1.57)	(1.57)	(1.55)	(1.61)	(1.61)	(1.59)
N	518,971	499,955	518,939	518,971	518,966	499,929	499,955	499,950
Panel B: IV								
Remote $\times 1$ (Post)	16.64***	3426.60	6.29	-57399.49	-448.68	6278.53	5836.30	2569.18
, ,	(3.29)	(13374.47)	(8.42)	(55323.56)	(343.75)	(41601.46)	(15104.11)	(23374.68)
Remote $\times 1$ (Post) $\times$ Startup	-8.52	-596.73	-7.82	-1206.38	128.23	-1627.39	-285.60	-439.65
· , , -	(7.84)	(2283.58)	(9.38)	(949.32)	(103.27)	(10701.37)	(842.20)	(4577.29)
N	518,971	451,302	468,422	468,448	468,443	451,282	451,302	451,297
KP rk Wald F	275.72	0.02	8.81	0.40	0.72	0.01	0.04	0.00

	Table	21: User I	Mechanisms	(Balanced) -	Part 2				
	Total Contrib. (pct. rk)								
Specification	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	
Rent				<b>√</b>	✓	<b>√</b>		✓	
ННІ	$\checkmark$	$\checkmark$		$\checkmark$	$\checkmark$		$\checkmark$	$\checkmark$	
Seniority	$\checkmark$		$\checkmark$	$\checkmark$		$\checkmark$	$\checkmark$	$\checkmark$	
Wage		$\checkmark$	$\checkmark$		$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$	
Panel A: OLS									
Remote $\times 1$ (Post)	-2.08	-1.66	-5.64	-2.61	-3.37**	-5.76	-4.61	-5.00	
	(5.75)	(1.27)	(5.69)	(5.80)	(1.50)	(5.72)	(5.82)	(5.86)	
Remote $\times 1$ (Post) $\times$ Startup	-3.49**	-3.61**	-3.58**	-4.20***	-4.25***	-4.19***	-3.56**	-4.24***	
	(1.59)	(1.57)	(1.57)	(1.63)	(1.61)	(1.61)	(1.59)	(1.63)	
N	518,939	518,934	518,966	499,929	499,924	499,950	518,934	499,924	
Panel B: IV									
Remote $\times 1$ (Post)	-18913.05	-429.36	3742.35	5897.25	-9239.42	7306.89	4147.70	-4852.61	
,	(14425.58)	(311.81)	(8544.90)	(23321.46)	(207995.06)	(43049.12)	(9770.83)	(110070.82)	
Remote $\times 1$ (Post) $\times$ Startup	-264.61	120.37	176.42	-990.88	2496.92	-589.09	163.70	2338.49	
. ,	(251.45)	(95.16)	(212.09)	(4062.81)	(55568.86)	(6051.64)	(196.40)	(33689.06)	
N	468,422	468,417	468,443	451,282	451,277	451,297	468,417	451,277	
KP rk Wald F	0.48	0.61	0.10	0.01	0.00	0.00	0.07	0.00	

### 4.15 User Mechanisms – Pre-COVID Panel

Table 22: User Mechanisms (Precovid) – Part 1

				Total Contri	b. (pct. rk)	)		
Specification	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
Rent		<b>√</b>				<b>√</b>	✓	✓
HHI			$\checkmark$			$\checkmark$		
Seniority				$\checkmark$			$\checkmark$	
Wage					$\checkmark$			$\checkmark$
Panel A: OLS								
Remote $\times 1$ (Post)	-1.03**	-1.94*	-0.57	4.11	3.04*	-1.48	4.59	1.83
,	(0.48)	(1.13)	(0.60)	(5.86)	(1.56)	(1.18)	(5.86)	(1.90)
Remote $\times 1(Post) \times Startup$	5.25***	2.91**	5.64***	5.10***	5.07***	3.35***	2.71**	2.78**
	(1.24)	(1.24)	(1.29)	(1.24)	(1.23)	(1.28)	(1.24)	(1.24)
N	229,710	222,851	229,620	229,710	229,710	222,798	222,851	222,851
Panel B: IV								
Remote $\times 1$ (Post)	-4.57	-2775.24	-98.17	88633.78	482.00	2183.05	39.59	-455.32
,	(3.39)	(11069.18)	(198.56)	(356887.66)	(663.19)	(9557.95)	(4560.50)	(2116.34)
Remote $\times 1(Post) \times Startup$	9.78*	259.56	-27.25	2571.92	-149.30	-254.15	196.96	-119.63
, ,	(5.44)	(1034.96)	(77.53)	(10384.31)	(223.61)	(1451.85)	(446.61)	(393.95)
N	229,710	208,057	214,249	214,330	214,330	208,006	208,057	208,057
KP rk Wald F	180.13	0.02	0.08	0.02	0.18	0.01	0.04	0.06

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Table 23: User Mechanisms (Precovid) – Part 2 Total Contrib. (pct. rk) Specification (1) (2)(3)(4)(5)(6)(7)(8)Rent  $\checkmark$  $\checkmark$  $\checkmark$  $_{\mathrm{HHI}}$  $\checkmark$  $\checkmark$ Seniority ✓  $\checkmark$ ✓ Wage  $\checkmark$  $\checkmark$  $\checkmark$ Panel A: OLS 3.33\*\* 8.42 6.04 2.09 9.66Remote  $\times 1$  (Post) 5.55 8.56 9.54(5.95)(6.13)(5.94)(1.92)(6.13)(6.20)(6.19)(1.59)4.92\*\*\* 5.47\*\*\*5.40\*\*\* 3.12\*\* 3.15\*\* 2.57\*\* 5.23\*\*\* 2.92\*\* Remote  $\times 1(Post) \times Startup$ (1.29)(1.28)(1.24)(1.28)(1.24)(1.28)(1.28)(1.29)Ν 229,620 222,798 222,798 222,851 229,620 229,710 229,620 222,798 Panel B: IV Remote  $\times 1$ (Post) 5246.00461.22-500.34-1053.9715185.943569.51 -95460.101651.21 (17096.43)(572.37)(1276322.10)(1963.50)(3206.61)(4777.20)(75141.68)(12537.74)Remote  $\times 1(Post) \times Startup$ 239.35-131.88-136.371353.29296.29-6020.75 18.19-177.71(527.34)(157.01)(76576.32)(505.58)(700.39)(582.42)(6814.71)(934.44)Ν 214,249 214,249 214,330 208,006 208,006 208,057 214,249 208,006 KP rk Wald F 0.040.170.000.020.020.060.010.01

### 4.16 Firm Mechanisms

Table 24: Firm Mechanisms (Part 1)

				Growt	th Rate			
Specification	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
Rent		✓				<b>√</b>	✓	✓
HHI			$\checkmark$			$\checkmark$		
Seniority				$\checkmark$			$\checkmark$	
Wage					$\checkmark$			$\checkmark$
Panel A: OLS								
Remote $\times 1$ (Post)	0.003	0.008	-0.020***	0.033	-0.026**	-0.017	0.031	-0.028*
,	(0.005)	(0.011)	(0.007)	(0.021)	(0.011)	(0.013)	(0.025)	(0.015)
Remote $\times 1$ (Post) $\times$ Startup	0.068***	0.067***	0.060**	0.064***	0.065***	0.059**	0.065***	0.064**
	(0.024)	(0.026)	(0.023)	(0.023)	(0.024)	(0.025)	(0.025)	(0.026)
N	41,742	38,580	41,725	41,742	41,719	38,563	38,580	38,563
Panel B: IV								
$Remote \times 1 (Post)$	-0.002	-0.074**	-0.034	-0.043	-0.045	-0.111***	-0.130*	-0.113***
,	(0.009)	(0.036)	(0.023)	(0.062)	(0.030)	(0.039)	(0.074)	(0.040)
Remote $\times 1$ (Post) $\times$ Startup	0.221**	0.184**	$0.154^{*}$	0.201**	0.213**	0.114	0.170**	0.175 *
, ,	(0.089)	(0.090)	(0.086)	(0.083)	(0.089)	(0.089)	(0.084)	(0.091)
N	41,742	38,580	41,725	41,742	41,719	38,563	38,580	38,563
KPrk Wald F	18.30	14.43	4.59	11.16	11.95	10.13	10.76	10.40

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Table 25: Firm Mechanisms (Part 2) Growth Rate Specification (1)(2)(3)(4)(5)(6)(7)(8) $\checkmark$ Rent  $\checkmark$  $\checkmark$  $_{
m HHI}$  $\checkmark$ Seniority Wage  $\checkmark$  $\checkmark$  $\checkmark$  $\checkmark$ Panel A: OLS Remote  $\times 1$  (Post) -0.027 -0.047\*\*\* 0.008 -0.025 -0.051\*\*\* -0.001 -0.052\*\* -0.058\* (0.025)(0.024)(0.029)(0.030)(0.011)(0.016)(0.027)(0.026)0.062\*\*\* 0.057\*\*0.062\*\*\*0.062\*\*0.056\*\*0.062\*\*0.059\*\* 0.058\*\*Remote  $\times 1$  (Post)  $\times$  Startup (0.023)(0.023)(0.023)(0.025)(0.025)(0.023)(0.025)(0.025)Ν 41,725 41,706 41,719 38.563 38,550 38,563 41,706 38,550 Panel B: IV -0.130\*\*\* -0.131\*\* -0.147\*\* -0.259\*\*\* Remote  $\times 1$  (Post) -0.053\* -0.073-0.241\*\*\* -0.160\*\* (0.064)(0.028)(0.064)(0.072)(0.080)(0.039)(0.077)(0.079)0.197\*\* Remote  $\times 1(Post) \times Startup$ 0.152\*0.152\*0.154\*0.1180.110 0.165\*0.116(0.085)(0.086)(0.083)(0.087)(0.089)(0.085)(0.085)(0.087)Ν 41,725 41,706 41,719 38,563 38,550 38,563 41,706 38,550 KPrk Wald F 2.94 4.498.19 8.28 8.22 8.27 3.10 6.91

#### Lean Horse-Race

Only the two–way interaction of each mechanism is added:

$$v_Z = \text{Post} \times Z.$$

Equation

$$Y_{it} = \beta_3 v_{3,it} + \beta_5 v_{5,it} + \sum_{Z \in S} \delta_Z v_{Z,it} + \varphi v_{4,it}.$$

Endogenous variables  $\{v_3, v_5\}$  Instruments  $\{v_6, v_7\}$ .

# ${\bf 4.17}\quad {\bf User\ Mechanisms\ (Lean)-Unbalanced\ Panel}$

Table 26: User Mechanisms – Lean (Unbalanced) – Part 1

				Total Contr	ib. (pct. rk)			
Specification	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
Rent		✓				✓	✓	✓
HHI			$\checkmark$			$\checkmark$		
Seniority				$\checkmark$			$\checkmark$	
Wage					✓			✓
Panel A: OLS								
Remote $\times 1$ (Post)	0.32	0.20	0.31	0.33	0.32	0.18	0.21	0.19
,	(0.25)	(0.26)	(0.25)	(0.25)	(0.25)	(0.26)	(0.26)	(0.26)
Remote $\times 1$ (Post) $\times$ Startup	-0.40	-1.10	-0.42	-0.48	-0.38	-1.09	-1.18	-1.07
	(0.81)	(0.82)	(0.81)	(0.81)	(0.81)	(0.83)	(0.83)	(0.83)
N	1,226,001	1,180,233	1,225,682	1,226,001	1,225,991	1,180,011	1,180,233	1,180,223
Panel B: IV								
Remote $\times 1$ (Post)	14.89***	19.95***	14.93***	15.18***	14.88***	19.97***	20.46***	19.90***
,	(2.09)	(3.00)	(2.08)	(2.12)	(2.08)	(3.02)	(3.07)	(2.98)
Remote $\times 1$ (Post) $\times$ Startup	-10.08***	-17.86***	-10.10**	-10.54***	-9.93**	-17.94***	-18.55***	-17.69***
	(3.89)	(4.75)	(4.05)	(3.97)	(3.93)	(5.00)	(4.87)	(4.78)
N	1,226,001	1,180,233	1,225,682	1,226,001	1,225,991	1,180,011	1,180,233	1,180,223
KP rk Wald F	664.98	334.98	665.89	644.68	665.87	332.67	321.35	337.60

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	Table 27:	User Mecha	anisms – Lea	an (Unbalanc	ced) – Part 2	2			
	Total Contrib. (pct. rk)								
Specification	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	
Rent				<b>√</b>	<b>√</b>	<b>√</b>		✓	
HHI	$\checkmark$	$\checkmark$		$\checkmark$	$\checkmark$		$\checkmark$	$\checkmark$	
Seniority	$\checkmark$		$\checkmark$	$\checkmark$		$\checkmark$	$\checkmark$	$\checkmark$	
Wage		$\checkmark$	$\checkmark$		$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$	
Panel A: OLS									
Remote $\times 1$ (Post)	0.32	0.31	0.33	0.19	0.18	0.20	0.32	0.18	
	(0.25)	(0.25)	(0.25)	(0.26)	(0.26)	(0.26)	(0.25)	(0.26)	
Remote $\times 1$ (Post) $\times$ Startup	-0.52	-0.39	-0.45	-1.21	-1.06	-1.14	-0.50	-1.18	
	(0.82)	(0.81)	(0.81)	(0.83)	(0.83)	(0.83)	(0.82)	(0.83)	
N	1,225,682	1,225,672	1,225,991	1,180,011	1,180,001	1,180,223	1,225,672	1,180,001	
Panel B: IV									
Remote $\times 1$ (Post)	15.19***	14.91***	15.17***	20.53***	19.92***	20.40***	15.18***	20.47***	
,	(2.12)	(2.08)	(2.12)	(3.10)	(3.00)	(3.05)	(2.12)	(3.08)	
Remote $\times 1(Post) \times Startup$	-10.72**	-9.96**	-10.41***	-18.94***	-17.78***	-18.38***	-10.65**	-18.83***	
, , ,	(4.24)	(4.08)	(3.99)	(5.30)	(5.03)	(4.88)	(4.25)	(5.30)	
N	1,225,682	1,225,672	1,225,991	1,180,011	1,180,001	1,180,223	1,225,672	1,180,001	
KP rk Wald F	646.82	666.70	645.65	316.95	335.23	323.97	647.65	319.50	

# ${\bf 4.18}\quad {\bf User\ Mechanisms\ (Lean)-Balanced\ Panel}$

Table 28: User Mechanisms – Lean (Balanced) – Part 1

	Total Contrib. (pct. rk)										
Specification	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)			
Rent		<b>√</b>				<b>√</b>	<b>√</b>	✓			
HHI			$\checkmark$			$\checkmark$					
Seniority				$\checkmark$			$\checkmark$				
Wage					$\checkmark$			$\checkmark$			
Panel A: OLS											
Remote $\times 1$ (Post)	0.48	0.29	0.48	0.47	0.43	0.29	0.29	0.23			
,	(0.39)	(0.40)	(0.39)	(0.39)	(0.39)	(0.40)	(0.40)	(0.40)			
Remote $\times 1$ (Post) $\times$ Startup	-3.56**	-3.26**	-3.68**	-3.53**	-3.51**	-3.37**	-3.26**	-3.20**			
	(1.55)	(1.57)	(1.55)	(1.55)	(1.55)	(1.58)	(1.58)	(1.57)			
N	518,971	499,955	518,939	518,971	518,966	499,929	499,955	499,950			
Panel B: IV											
Remote $\times 1$ (Post)	16.64***	21.82***	16.63***	16.86***	16.76***	21.84***	22.23***	21.91***			
,	(3.29)	(4.92)	(3.28)	(3.34)	(3.27)	(4.93)	(5.03)	(4.86)			
Remote $\times 1$ (Post) $\times$ Startup	-8.52	-16.29*	-10.59	-8.33	-8.60	-18.29**	-16.51*	-16.36*			
	(7.84)	(8.91)	(8.07)	(8.04)	(7.85)	(9.17)	(9.13)	(8.89)			
N	518,971	499,955	518,939	518,971	518,966	499,929	499,955	499,950			
KP rk Wald F	275.72	129.29	275.99	268.19	278.02	128.99	124.33	131.90			

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	Table 29	: User Mech	nanisms – L	ean (Balan	ced) – Part	2				
	Total Contrib. (pct. rk)									
Specification	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)		
Rent				<b>√</b>	<b>√</b>	<b>√</b>		<b>√</b>		
HHI	$\checkmark$	$\checkmark$		$\checkmark$	$\checkmark$		$\checkmark$	$\checkmark$		
Seniority	$\checkmark$		$\checkmark$	$\checkmark$		$\checkmark$	$\checkmark$	$\checkmark$		
Wage		$\checkmark$	$\checkmark$		$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$		
Panel A: OLS										
Remote $\times 1$ (Post)	0.47	0.43	0.43	0.28	0.23	0.23	0.42	0.22		
	(0.39)	(0.39)	(0.39)	(0.40)	(0.40)	(0.40)	(0.39)	(0.40)		
$\operatorname{Remote} \times \mathbb{1}(\operatorname{Post}) \times \operatorname{Startup}$	-3.74**	-3.61**	-3.48**	-3.47**	-3.29**	-3.20**	-3.67**	-3.39**		
	(1.56)	(1.55)	(1.55)	(1.59)	(1.57)	(1.58)	(1.56)	(1.58)		
N	518,939	518,934	518,966	499,929	499,924	499,950	518,934	499,924		
Panel B: IV										
Remote $\times 1$ (Post)	16.83***	16.74***	16.97***	22.29***	21.94***	22.30***	16.94***	22.38***		
,	(3.33)	(3.26)	(3.32)	(5.05)	(4.87)	(4.96)	(3.31)	(4.99)		
$\operatorname{Remote} \times \mathbb{1}(\operatorname{Post}) \times \operatorname{Startup}$	-10.62	-10.73	-8.43	-18.81*	-18.43**	-16.59*	-10.84	-19.00**		
	(8.58)	(8.05)	(8.03)	(9.79)	(9.11)	(9.10)	(8.52)	(9.69)		
N	518,939	518,934	518,966	499,929	499,924	499,950	518,934	499,924		
KP rk Wald F	269.18	278.13	270.50	123.58	131.57	126.89	271.30	126.12		

# ${\bf 4.19}\quad {\bf User\ Mechanisms\ (Lean)-Pre-COVID\ Panel}$

Table 30: User Mechanisms – Lean (Precovid) – Part 1

	Total Contrib. (pct. rk)										
Specification	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)			
Rent		✓				✓	✓	<b>√</b>			
HHI			$\checkmark$			$\checkmark$					
Seniority				$\checkmark$			$\checkmark$				
Wage					✓			✓			
Panel A: OLS											
Remote $\times 1$ (Post)	-1.23**	-0.95*	-1.22**	-1.19**	-1.19**	-0.95*	-0.90*	-0.93*			
` ,	(0.50)	(0.51)	(0.50)	(0.50)	(0.50)	(0.51)	(0.52)	(0.51)			
Remote $\times 1$ (Post) $\times$ Startup	6.21***	4.03***	6.39***	6.15***	6.33***	4.21***	3.96***	4.18***			
	(1.27)	(1.26)	(1.28)	(1.28)	(1.27)	(1.27)	(1.26)	(1.26)			
N	224,708	218,112	224,596	224,708	224,708	218,032	218,112	218,112			
Panel B: IV											
Remote $\times 1$ (Post)	-9.26**	-9.23*	-9.72**	-9.28**	-9.20**	-9.97**	-9.24*	-9.14*			
,	(4.01)	(4.87)	(3.93)	(4.12)	(4.02)	(4.86)	(5.03)	(4.87)			
Remote $\times 1$ (Post) $\times$ Startup	12.45**	11.76*	14.94***	12.30**	12.70**	14.35**	11.68*	11.99*			
	(5.39)	(6.15)	(5.62)	(5.52)	(5.45)	(6.49)	(6.31)	(6.20)			
N	224,708	218,112	224,596	224,708	224,708	218,032	218,112	218,112			
KP rk Wald F	123.43	81.62	130.14	117.48	123.36	82.68	76.72	81.59			

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	Table 3	1: User Mecha	anisms - Le	ean (Precov	vid) – Part	2		
			Т	otal Contri	b. (pct. rl	x)		
Specification	$\overline{}(1)$	(2)	(3)	(4)	(5)	(6)	(7)	(8)
Rent				✓	✓	✓		✓
HHI	$\checkmark$	$\checkmark$		$\checkmark$	$\checkmark$		$\checkmark$	$\checkmark$
Seniority	$\checkmark$		$\checkmark$	$\checkmark$		$\checkmark$	$\checkmark$	$\checkmark$
Wage		$\checkmark$	$\checkmark$		$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$
Panel A: OLS								
Remote $\times 1$ (Post)	-1.19*	-1.18**	-1.15**	-0.91*	-0.94*	-0.89*	-1.15**	-0.90*
	(0.50)	(0.50)	(0.50)	(0.52)	(0.51)	(0.52)	(0.50)	(0.52)
Remote $\times 1$ (Post) $\times$	Startup 6.40**	6.51***	6.26***	4.21***	4.36***	4.11***	6.49***	4.33***
	(1.30)	(1.28)	(1.28)	(1.29)	(1.27)	(1.27)	(1.30)	(1.29)
N	224,59	96 224,596	224,708	218,032	218,032	218,112	224,596	218,032
Panel B: IV								
Remote $\times 1$ (Post)	-9.82*	-9.65**	-9.22**	-10.13**	-9.89**	-9.15*	-9.77**	-10.06*
, ,	(4.08)	(3.93)	(4.12)	(5.14)	(4.86)	(5.03)	(4.09)	(5.14)
Remote $\times 1 (Post) \times$	Startup 15.48*	** 15.26***	12.47**	14.97**	14.66**	11.84*	15.56***	15.04**
	(5.94)	(5.70)	(5.56)	(6.91)	(6.56)	(6.35)	(5.97)	(6.93)
N	224,59	96 224,596	224,708	218,032	218,032	218,112	224,596	218,032
KP rk Wald F	121.0	2   130.13	117.44	74.32	82.67	76.69	121.04	74.32

# 4.20 Firm Mechanisms (Lean)

Table 32: Firm Mechanisms – Lean (Part 1)

	Growth Rate									
Specification	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)		
Rent		✓				<b>√</b>	<b>√</b>	✓		
HHI			$\checkmark$			$\checkmark$				
Seniority				$\checkmark$			$\checkmark$			
Wage					$\checkmark$			$\checkmark$		
Panel A: OLS										
Remote $\times 1$ (Post)	0.003	0.005	0.004	0.001	0.003	0.005	0.002	0.005		
,	(0.005)	(0.005)	(0.005)	(0.005)	(0.005)	(0.005)	(0.005)	(0.005)		
Remote $\times 1$ (Post) $\times$ Startup	0.068***	0.064**	0.076***	0.069***	0.066***	0.071***	0.063***	0.060**		
, ,	(0.024)	(0.025)	(0.023)	(0.023)	(0.024)	(0.025)	(0.025)	(0.025)		
N	41,742	38,580	41,725	41,742	41,719	38,563	38,580	38,563		
Panel B: IV										
Remote $\times 1$ (Post)	-0.002	0.007	0.003	-0.005	-0.004	0.010	0.004	0.006		
` ,	(0.009)	(0.009)	(0.008)	(0.009)	(0.009)	(0.009)	(0.009)	(0.009)		
Remote $\times 1$ (Post) $\times$ Startup	0.221**	0.192**	0.180**	0.177**	0.216**	0.144	$0.139^{'}$	0.184*		
· , , , -	(0.089)	(0.094)	(0.083)	(0.082)	(0.090)	(0.089)	(0.088)	(0.097)		
N	41,742	38,580	41,725	41,742	41,719	38,563	38,580	38,563		
KPrk Wald F	18.30	16.52	18.33	18.09	18.05	16.53	16.29	15.88		

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Table 33: Firm Mechanisms – Lean (Part 2) Growth Rate (2)Specification (1)(3)(4) (5)(6)(7)(8) $\checkmark$  $\checkmark$ Rent  $\checkmark$  $\checkmark$  $_{
m HHI}$  $\checkmark$ Seniority  $\checkmark$  $\checkmark$ Wage  $\checkmark$  $\checkmark$  $\checkmark$ Panel A: OLS Remote  $\times 1$  (Post) 0.003 0.003 0.000 0.004 0.0050.002 0.002 0.003 (0.005)(0.005)(0.005)(0.005)(0.005)(0.005)(0.005)(0.005)0.075\*\*\* 0.060\*\* 0.074\*\*\*0.067\*\*\* 0.071\*\*\* 0.066\*\*\* 0.074\*\*\* 0.067\*\*\*Remote  $\times 1$  (Post)  $\times$  Startup (0.023)(0.023)(0.025)(0.025)(0.023)(0.025)(0.023)(0.025)Ν 41,725 41,706 38,550 41,719 38,563 38,550 38,563 41,706 Panel B: IV Remote  $\times 1$  (Post) 0.0010.002-0.0060.0080.0090.002-0.0000.006(0.008)(0.009)(0.008)(0.009)(0.009)(0.009)(0.008)(0.009)0.173\*\* 0.169\*\* Remote  $\times 1$ (Post)  $\times$  Startup 0.175\*\*0.173\*\*0.1350.1330.1320.126(0.083)(0.083)(0.083)(0.089)(0.090)(0.090)(0.083)(0.090)41,725 41,706 41,719 38,563 38,550 38,563 41,706 38,550 KPrk Wald F 18.1518.08 17.8616.3415.88 15.69 17.9115.73

# 5 Dynamic Event-Study Evidence

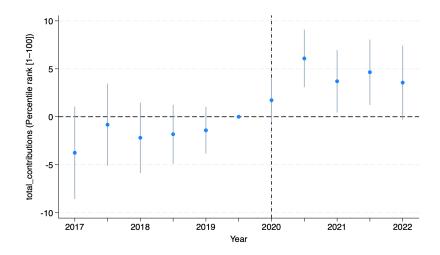


Figure 3: \*
OLS – Total Contributions

40

20

20

2017

2018

2019

2020

2021

2022

Figure 4: \*
IV – Total Contributions

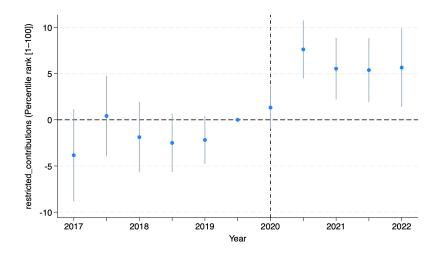


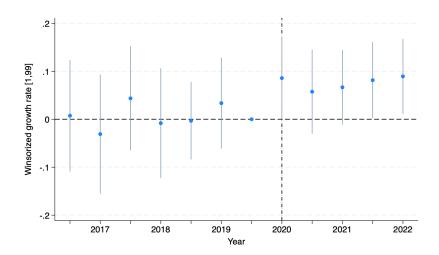
Figure 5: \*
OLS – Restricted Contributions

1001
1 Year

OLS – Restricted Contributions

2001
2017
2018
2019
2020
2021
2022

Figure 6: \*
IV – Restricted Contributions



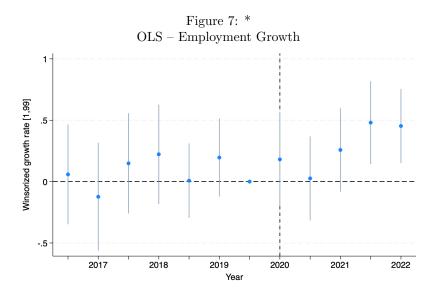
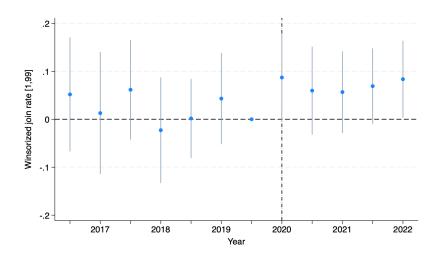


Figure 8: \* IV – Employment Growth



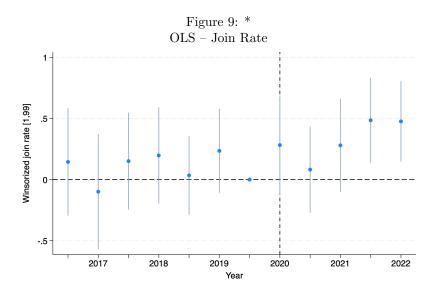
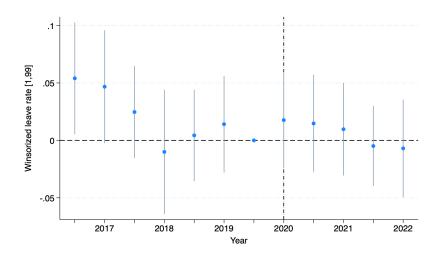


Figure 10: \*
IV – Join Rate



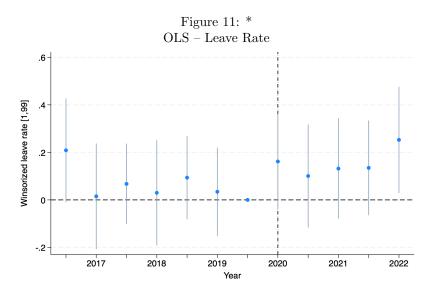


Figure 12: \*
IV – Leave Rate