

**Data Appendix 1. A bird's eye view of data.**

Year	1980				1985				1990			
	Firms	Segment	Kingpin(mcap)	Kingpin(R&D)	Firms	Segment	Kingpin(mcap)	Kingpin(R&D)	Firms	Segment	Kingpin(mcap)	Kingpin(R&D)
333290	1	1.4E-06	1		2	1.5E-04	1	1	2	2.2E-04	0.902	0.619
333310	3	0.077	0.806	0.889	5	0.045	0.643	0.708	7	0.052	0.674	0.566
334110	85	0.776	0.627	0.514	194	0.821	0.580	0.316	194	0.693	0.464	0.246
334210	1				2	0.002	1	1	7	0.001	0.480	0.719
334220	1	1.0E-05	1	1	2	2.4E-06	0.978	0.976	2	4.6E-05	0.976	0.604
334290									1	3.1E-04	1	1
334310	3	9.6E-05	0.862	0.985	4	7.8E-05	0.993	0.992	1	0.012	1	1
334410	47	0.061	0.346	0.284	74	0.055	0.309	0.202	83	0.065	0.589	0.283
334510	9	0.020	0.662	0.434	12	0.005	0.535	0.536	10	0.002	0.821	0.868
334610					10	0.002	0.380	0.788	3	0.003	0.716	0.477
335910												
335990	1	1.5E-04	1	1	2	9.7E-05	0.648	0.624	2	1.5E-04	0.610	0.653
339930												
423430												
423690	1				2	3.8E-07	1					
425110	1				3	2.0E-04	0.573		6	2.7E-04	0.613	1
443120									1	3.9E-04	1	1
454110									2	2.2E-05	1	
511210	19	0.028	0.738	0.816	74	0.020	0.140	0.122	113	0.117	0.363	0.131
516110									1	9.6E-07	1	1
518110					2	1.2E-05	1	0.703	2	3.5E-06	1	1
518210	5	0.009	0.997	0.988	11	0.011	0.923	0.611	12	0.022	0.880	0.571
532420	4	0.002	0.901		7	0.005	0.838	1	7	0.004	0.719	1
534420	1											
541330	3	0.001	0.496	1	5	3.7E-04	0.426	0.734	4	2.1E-04	0.504	0.751
541430												
541510	35	0.026	0.161	0.190	98	0.030	0.147	0.173	105	0.027	0.326	0.211
541710					1	2.2E-04	1	1	4	2.4E-05	0.824	0.498
541850												
541890												
541990												
561490												
611420									1	3.8E-06	1	1
811210					1	3.0E-05	1		1	3.5E-05	1	

**Data Appendix 1 (cont'd). A bird's eye view of data.**

Year	1995				2000				2005			
	Firms	Segment	Kingpin(mcap)	Kingpin(R&D)	Firms	Segment	Kingpin(mcap)	Kingpin(R&D)	Firms	Segment	Kingpin(mcap)	Kingpin(R&D)
333290	4	0.001	0.681	0.922	2	1.4E-04	0.994	0.997	2	0.002	0.998	0.998
333310	6	0.041	0.534	0.536	1	2.5E-08	1	1	1	0.014	1	1
334110	273	0.413	0.177	0.204	243	2.9E-01	0.361	0.160	146	0.188	0.302	0.187
334210	10	0.003	0.381	0.987	7	4.2E-03	0.724	0.593	1			1
334220	8	0.001	0.475	0.459	5	1.2E-05	0.474	0.654	4	3.1E-05	0.796	0.995
334290					1			1				
334310	2	0.007	0.636	0.565	2	3.0E-06	0.761	1				
334410	145	0.184	0.371	0.393	198	0.265	0.204	0.166	168	0.267	0.287	0.193
334510	9	4.9E-04	0.512	0.972	7	2.5E-04	0.957	0.799	2	3.8E-08	1	1
334610	11	0.003	0.288	0.329	3	4.4E-05	0.754	0.604				
335910	1	1.2E-04	1	1	1	4.0E-05	1	1	1	1.8E-04	1	1
335990	2	2.7E-05	0.758	0.920	3	8.4E-06	0.675	0.770	1			1
339930	2	1.3E-04	0.968	0.966					2	0.001	1	0.980
423430					6	9.5E-06	0.510	0.841	3	7.0E-07	0.881	0.905
423690					2	2.5E-06	0.723	1				
425110	16	3.3E-04	0.437	0.898	9	4.6E-05	0.509	1.000	1	1.4E-06	1	
443120									1	0.001	1	1
454110	10	0.004	0.410	0.646	28	0.004	0.556	0.732	25	0.016	0.627	0.898
511210	364	0.256	0.295	0.229	571	0.320	0.255	0.200	319	0.245	0.443	0.252
516110												
518110	16	0.001	0.405	0.481	175	0.027	0.240	0.105	121	0.145	0.441	0.235
518210	17	0.046	0.478	0.737	30	0.025	0.338	0.659	35	0.038	0.420	0.832
532420	7	0.002	0.718		7	4.7E-04	0.632	0.612	3	4.8E-04	0.757	
534420												
541330	1	7.2E-07	1		3	5.5E-08	0.971	0.999				
541430	1	3.6E-06	1	1	3	5.8E-05	0.993	1	1	1.4E-04	1	
541510	182	3.6E-02	0.159	0.340	323	0.056	0.154	0.188	190	0.080	0.244	0.306
541710	7	0.001	0.358	0.401	3	2.3E-05	0.911	0.869	1	5.4E-11	1	1
541850					2	1.2E-04	0.782					1
541890	1	5.3E-05	1	1	2	6.7E-05	1	1	2	4.0E-04	0.806	1
541990					1	3.3E-05	1	1	2	2.0E-07	0.740	
561490	1				3	1.3E-05	0.967	0.777	2	2.4E-07	1	1
611420	3	1.7E-05	1	1	5	3.0E-06	0.800	1	2	3.1E-07	0.996	1
811210	3	2.7E-05	0.554	0.941	1	6.2E-08	1	1	1	9.4E-06	1	1

## Data Appendix 2a. Hypothesis testing: The effect of inequality, not logged variables.

Discrepancy xtreg, fe; IVs not logged	t=0				t+1				t+2				t+3			
	Controls	H1a	H2	Full	Controls	H1a	H2	Full	Controls	H1a	H2	Full	Controls	H1a	H2	Full
kingpin's share (R&D)		.0037* (1.54E-03)		.0032* (1.61E-03)		.0042* (1.66E-03)		.0033+ (1.71E-03)		.0048** (1.76E-03)		.0036* (1.80E-03)		.0064*** (1.84E-03)		.0051** (1.89E-03)
kingpin's share (market cap)			0.0024 (1.56E-03)	0.0017 (1.68E-03)			.0045** (1.67E-03)	.004* (1.79E-03)			.0058*** (1.76E-03)	.0054** (1.88E-03)			.0067*** (1.86E-03)	.0058** (1.99E-03)
Herfindahl index of sales	.0027** (9.81E-04)	0.0009 (1.25E-03)	0.0013 (1.36E-03)	0.0001 (1.51E-03)	.0022* (1.08E-03)	0.0001 (1.37E-03)	-0.0005 (1.48E-03)	-0.0018 (1.64E-03)	.0025* (1.16E-03)	0.0001 (1.48E-03)	-0.001 (1.58E-03)	-0.0025 (1.76E-03)	.0029* (1.23E-03)	-0.0003 (1.55E-03)	-0.0011 (1.68E-03)	-0.0031+ (1.85E-03)
mean of R&D expenses	-2.05E-06 (3.55E-06)	-2.09E-06 (3.59E-06)	-1.94E-06 (3.67E-06)	-2.01E-06 (3.71E-06)	-3.27E-06 (4.06E-06)	-3.23E-06 (4.10E-06)	-3.22E-06 (4.17E-06)	-3.22E-06 (4.22E-06)	-2.44E-06 (4.42E-06)	-2.37E-06 (4.45E-06)	-2.52E-06 (4.53E-06)	-2.49E-06 (4.57E-06)	-4.34E-07 (4.63E-06)	-3.37E-07 (4.63E-06)	-5.50E-07 (4.73E-06)	-4.83E-07 (4.76E-06)
segment's mean of fixed assets	-1.75E-07 (5.40E-07)	-1.71E-07 (5.46E-07)	-2.21E-07 (5.64E-07)	-2.04E-07 (5.71E-07)	-4.24E-10 (5.85E-07)	7.90E-09 (5.90E-07)	-2.78E-08 (6.03E-07)	-1.38E-08 (6.10E-07)	-5.15E-09 (6.35E-07)	6.98E-09 (6.40E-07)	-2.46E-08 (6.53E-07)	-8.54E-09 (6.60E-07)	-1.04E-07 (6.72E-07)	-7.48E-08 (6.73E-07)	-1.10E-07 (6.91E-07)	-7.80E-08 (6.95E-07)
segment's mean of entry cost	-9.14E-08 (2.62E-07)	-1.20E-07 (2.65E-07)	-9.79E-08 (2.64E-07)	-1.22E-07 (2.68E-07)	-8.31E-08 (2.80E-07)	-1.17E-07 (2.83E-07)	-9.66E-08 (2.80E-07)	-1.23E-07 (2.84E-07)	-9.42E-08 (4.02E-07)	-1.67E-07 (4.08E-07)	-2.15E-07 (4.02E-07)	-2.63E-07 (4.09E-07)	-5.17E-08 (4.09E-07)	-1.69E-07 (4.14E-07)	-1.92E-07 (4.09E-07)	-2.71E-07 (4.15E-07)
number of firms	-5.56E-06 (4.89E-06)	-3.81E-06 (4.99E-06)	-5.81E-06 (4.93E-06)	-4.19E-06 (5.05E-06)	3.95E-06 (5.27E-06)	5.90E-06 (5.37E-06)	3.43E-06 (5.28E-06)	5.01E-06 (5.41E-06)	1.20E-05* (5.57E-06)	1.42E-05* (5.67E-06)	1.12E-05* (5.56E-06)	1.30E-05* (5.69E-06)	2.32E-05*** (5.85E-06)	2.61E-05*** (5.92E-06)	2.23E-05*** (5.83E-06)	2.48E-05*** (5.94E-06)
segment's sum of employees	1.56e-05*** (2.02E-06)	1.54e-05*** (2.04E-06)	1.59e-05*** (2.05E-06)	1.57e-05*** (2.07E-06)	1.05e-05*** (2.33E-06)	1.03e-05*** (2.36E-06)	1.10e-05*** (2.35E-06)	1.08e-05*** (2.38E-06)	5.31e-06* (2.62E-06)	5.14e-06+ (2.64E-06)	6.14e-06* (2.63E-06)	5.94e-06* (2.66E-06)	-2.09E-06 (2.91E-06)	-2.38E-06 (2.92E-06)	-1.12E-06 (2.91E-06)	-1.47E-06 (2.93E-06)
segment's mean of asset efficiency	-4.30E-06 (8.25E-06)	-2.01E-06 (8.44E-06)	-2.42E-06 (8.41E-06)	-9.39E-07 (8.59E-06)	-3.88E-06 (8.74E-06)	-1.25E-06 (8.94E-06)	-3.95E-07 (8.85E-06)	1.26E-06 (9.04E-06)	-4.37E-06 (9.07E-06)	-1.34E-06 (9.27E-06)	2.12E-07 (9.15E-06)	2.15E-06 (9.36E-06)	-5.10E-06 (9.34E-06)	-1.22E-06 (9.50E-06)	-2.55E-08 (9.40E-06)	2.42E-06 (9.58E-06)
constant	-0.0037*** (6.51E-04)	-0.0055*** (9.57E-04)	-0.0047*** (8.74E-04)	-0.0059*** (1.06E-03)	-0.0033*** (7.05E-04)	-0.0052*** (1.02E-03)	-0.005*** (9.32E-04)	-0.0063*** (1.13E-03)	-0.0032*** (7.57E-04)	-0.0053*** (1.08E-03)	-0.0053*** (9.80E-04)	-0.0068*** (1.19E-03)	-0.0031*** (8.01E-04)	-0.0059*** (1.13E-03)	-0.0055*** (1.03E-03)	-0.0074*** (1.24E-03)
N	573	558	563	548	537	523	530	516	504	491	497	484	473	461	466	454
F	12.00	11.00	10.66	9.74	6.21	6.13	6.35	5.97	3.77	4.17	4.70	4.61	3.42	4.48	4.64	4.97
p>F	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

Note. 'Kingpin's share (R&D)' and 'kingpin's share (market cap)' are the variables of interest (H1a and H2, respectively).

+(p<0.10), \*(p<0.05), \*\*(p<0.01), \*\*\*(p<0.001)

**Data appendix 2b. Hypothesis testing: The effect of inequality on the fringe firms in a segment.**

DV: Segment's share of value excluding that of the kingpin	xtreg, fe; IVs not logged			
	t=0	t+1	t+2	t+3
Kingpin's share (R&D)	.077** (2.51E-02)	.0739** (2.52E-02)	.0664* (2.61E-02)	.0676* (2.62E-02)
Herfindahl index of sales	-.0431* (2.08E-02)	-.045* (2.11E-02)	-.0387+ (2.21E-02)	-.0397+ (2.24E-02)
mean of R&D expenses	-.0001** (5.19E-05)	-.0001* (5.53E-05)	-4.32E-05 (5.84E-05)	-4.78E-05 (5.83E-05)
segment's mean of fixed assets	2.50E-05** (7.89E-06)	2.20E-05** (7.96E-06)	1.03E-05 (8.40E-06)	1.65E-05+ (8.47E-06)
segment's mean of entry cost	-2.75E-06 (9.14E-06)	-2.22E-06 (9.14E-06)	-5.19E-07 (1.27E-05)	-1.15E-06 (1.31E-05)
number of firms	-.0003** (7.55E-05)	-.0002** (7.52E-05)	-.0002* (7.72E-05)	-.0001 (7.69E-05)
segment's sum of employees	1.08E-05 (3.28E-05)	-5.94E-06 (3.49E-05)	-5.27E-05 (3.78E-05)	-9.62E-05* (3.95E-05)
segment's mean of asset efficiency	0.0002 (1.23E-04)	0.0002 (1.21E-04)	0.0001 (1.22E-04)	0.0002 (1.20E-04)
constant	.036* (1.57E-02)	.0405** (1.56E-02)	.0446** (1.63E-02)	.0451** (1.62E-02)
N	430	405	381	357
F	5.14	4.806	3.536	4.55
p>F	0.000	0.000	0.000	0.000

Note. 'Kingpin's share (R&D)' is the variable of interest.

+(p<0.10), \*(p<0.05), \*\*(p<0.01), \*\*\*(p<0.001)

**Data appendix 2c. Reverse dynamics: The effect of a segment's share on the inequality within the segment.**

DV: Kingpin's share (R&D)	xtreg, fe; IVs not logged			DV: Kingpin's share (market cap)	xtreg, fe; IVs not logged		
	t+1	t+2	t+3		t+1	t+2	t+3
<b>segment's share of value in a sector</b>	.2542*	0.1873	0.1509	<b>segment's share of value in a sector</b>	.3183**	.211+	0.1606
	(0.11)	(0.12)	(0.14)		(0.11)	(0.12)	(0.14)
Herfindahl index of sales	.4018***	.3291***	.2435***	Herfindahl index of sales	.4747***	.3962***	.2984***
	(0.03)	(0.04)	(0.04)		(0.03)	(0.04)	(0.04)
mean of R&D expenses	-.0003*	-.0005***	-.0005***	mean of R&D expenses	-8.30E-06	-0.0001	-0.0002
	(1.21E-04)	(1.35E-04)	(1.45E-04)		(1.26E-04)	(1.37E-04)	(1.48E-04)
segment's mean of fixed assets	2.90E-05+	5.02E-05*	5.71E-05**	segment's mean of fixed assets	-4.30E-06	1.20E-05	1.80E-05
	(1.75E-05)	(1.94E-05)	(2.10E-05)		(1.85E-05)	(2.00E-05)	(2.17E-05)
segment's mean of entry cost	1.16E-05	1.22E-05	1.36E-05	segment's mean of entry cost	6.85E-06	1.59E-05	-5.73E-06
	(8.54E-06)	(1.45E-05)	(1.52E-05)		(8.44E-06)	(1.24E-05)	(1.30E-05)
number of firms	-.0006***	-.0006**	-.0004*	number of firms	-1.33E-05	1.25E-05	0.0001
	(1.61E-04)	(1.75E-04)	(1.90E-04)		(1.63E-04)	(1.78E-04)	(1.94E-04)
segment's sum of employees	4.61E-05	4.79E-05	1.51E-05	segment's sum of employees	-0.0001	-0.0001	-0.0001
	(6.97E-05)	(8.00E-05)	(9.11E-05)		(7.06E-05)	(8.11E-05)	(9.30E-05)
segment's mean of asset efficiency	-.0005+	-0.0003	-0.0002	segment's mean of asset efficiency	-0.0003	-.0005+	-0.0003
	(2.63E-04)	(2.80E-04)	(2.91E-04)		(2.64E-04)	(2.80E-04)	(2.97E-04)
constant	.4856***	.5219***	.5589***	constant	.4183***	.4579***	.512***
	(0.02)	(0.02)	(0.03)		(0.02)	(0.02)	(0.03)
N	515	478	447	N	528	498	470
F	25.386	16.76	9.438	F	29.56	17.287	8.958
p>F	0.000	0.000	0.000	p>F	0.000	0.000	0.000

Note. 'Segment's share of value in a sector' is the variable of interest.

+(p<0.10), \*(p<0.05), \*\*(p<0.01), \*\*\*(p<0.001)

**Data Appendix 3a. Hypothesis testing: The effect of scope on the segment's value, logged variables.**

DV: discrepancy xtscc, fe; IVs logged	t=0			t+1			t+2			t+3		
<b>number of integrators</b>	-.0007*** (1.59E-04)			-.0006*** (1.28E-04)			-.0004* (1.77E-04)			-.0007*** (1.65E-04)		
<b>proportion of integrators</b>	1.34E-05 (2.96E-04)			1.06E-05 (2.27E-04)			-8.26E-06 (2.86E-04)			-2.10E-04 (2.71E-04)		
<b>mean no. of segments</b>	-0.0001 (3.34E-04)			-0.0001 (3.31E-04)			-0.0001 (4.39E-04)			-0.0001 (5.15E-04)		
Herfindahl index of sales	.015*** (3.32E-03)	.0144*** (3.24E-03)	.0144*** (3.28E-03)	.0126*** (2.50E-03)	.0122*** (2.42E-03)	.0122*** (2.44E-03)	.0139*** (2.73E-03)	.0137*** (2.78E-03)	.0137*** (2.79E-03)	.0174*** (2.72E-03)	.0169*** (2.71E-03)	.0169*** (2.74E-03)
mean of R&D expenses	-.0004** (1.21E-04)	-.0004** (1.49E-04)	-.0004** (1.46E-04)	-.0006*** (6.48E-05)	-.0006*** (5.57E-05)	-.0006*** (5.59E-05)	-.0006*** (7.83E-05)	-.0006*** (6.28E-05)	-.0006*** (6.51E-05)	-.0006*** (1.02E-04)	-.0006*** (9.88E-05)	-.0006*** (1.06E-04)
segment's mean of fixed assets	-0.0003 (2.57E-04)	-0.0003 (2.85E-04)	-0.0003 (2.77E-04)	-0.0004 (3.09E-04)	-0.0005 (3.46E-04)	-0.0005 (3.38E-04)	-.0008** (2.77E-04)	-.0008** (2.97E-04)	-.0008** (2.92E-04)	-.0011* (4.25E-04)	-.0012* (4.43E-04)	-.0012* (4.45E-04)
segment's mean of entry cost	-0.0001 (1.37E-04)	-0.0001 (1.24E-04)	-0.0001 (1.42E-04)	.0002* (6.86E-05)	0.0001 (6.29E-05)	8.72E-05 (8.36E-05)	.0003*** (7.28E-05)	.0002** (7.62E-05)	.0002*** (6.37E-05)	.0003*** (8.38E-05)	.0002** (8.62E-05)	.0002** (8.50E-05)
number of firms	.0007+ (3.43E-04)	0.0006 (3.82E-04)	0.0005 (4.08E-04)	0.0004 (2.72E-04)	0.0003 (2.81E-04)	0.0003 (3.18E-04)	0.0002 (1.36E-04)	0.0002 (1.52E-04)	0.0002 (1.63E-04)	.0005* (1.93E-04)	.0004+ (2.07E-04)	.0004+ (2.24E-04)
segment's sum of employees	0.0007 (4.73E-04)	0.0007 (5.25E-04)	0.0007 (5.35E-04)	.001** (3.23E-04)	.001** (3.69E-04)	.001* (3.80E-04)	.0013*** (2.07E-04)	.0013*** (2.29E-04)	.0013*** (2.37E-04)	.0016*** (2.62E-04)	.0015*** (2.64E-04)	.0015*** (2.46E-04)
segment's mean of asset efficiency	-.001*** (2.49E-04)	-.0011*** (2.61E-04)	-.0011*** (2.47E-04)	-.0013*** (3.44E-04)	-.0014*** (3.67E-04)	-.0013*** (3.44E-04)	-.0012*** (2.44E-04)	-.0013*** (2.56E-04)	-.0013*** (2.30E-04)	-.0013*** (2.89E-04)	-.0014*** (3.10E-04)	-.0014*** (2.98E-04)
constant	-.0194*** (3.80E-03)	-.018*** (3.77E-03)	-.018*** (3.85E-03)	-.0164*** (2.70E-03)	-.0151*** (2.55E-03)	-.0151*** (2.58E-03)	-.0173*** (2.78E-03)	-.0164*** (2.83E-03)	-.0164*** (2.87E-03)	-.0212*** (3.04E-03)	-.0197*** (2.96E-03)	-.0197*** (3.00E-03)
N	573			545			516			487		
F	23.201			42.614			54.422			58.423		
P>F	0.000			0.000			0.000			0.000		

Note. Variables in bold letters are the variables of interest.

+(p<0.10), \*(p<0.05), \*\*(p<0.01), \*\*\*(p<0.001)

**Data Appendix 3b. Hypothesis testing: The effect of scope on the segment's value, not logged variables.**

DV: pct_mcap IVs not logged	t=0			t+1			t+2			t+3		
<b>number of integrators</b>	<b>-0.0012***</b> (2.82E-04)			<b>-0.0011***</b> (2.89E-04)			<b>-0.0013***</b> (3.05E-04)			<b>-0.0009**</b> (3.14E-04)		
<b>proportion of integrators</b>	<b>-7.47E-03</b> (8.86E-03)			<b>-7.83E-03</b> (9.39E-03)			<b>-7.55E-03</b> (1.00E-02)			<b>-3.62E-03</b> (1.04E-02)		
<b>mean no. of segments</b>			<b>-5.44E-03</b> (5.89E-03)			<b>-4.56E-03</b> (6.28E-03)			<b>-3.26E-03</b> (6.82E-03)			<b>-1.84E-03</b> (7.24E-03)
Herfindahl index of sales	6.87E-03 (1.21E-02)	7.94E-03 (1.26E-02)	7.25E-03 (1.24E-02)	6.03E-03 (1.28E-02)	6.58E-03 (1.33E-02)	5.65E-03 (1.31E-02)	1.66E-03 (1.34E-02)	1.92E-03 (1.39E-02)	6.45E-04 (1.38E-02)	-5.69E-03 (1.38E-02)	-6.48E-03 (1.42E-02)	-6.97E-03 (1.40E-02)
mean of R&D expenses	3.08E-05 (4.38E-05)	3.57E-05 (4.47E-05)	3.67E-05 (4.47E-05)	2.79E-05 (4.82E-05)	3.34E-05 (4.91E-05)	3.46E-05 (4.93E-05)	1.77E-05 (5.09E-05)	2.12E-05 (5.20E-05)	2.18E-05 (5.23E-05)	2.42E-05 (5.20E-05)	2.69E-05 (5.25E-05)	2.77E-05 (5.28E-05)
segment's mean of fixed assets	-7.06E-06 (6.65E-06)	-7.36E-06 (6.75E-06)	-7.57E-06 (6.76E-06)	-5.85E-06 (6.94E-06)	-6.20E-06 (7.04E-06)	-6.46E-06 (7.05E-06)	-3.42E-06 (7.31E-06)	-3.70E-06 (7.45E-06)	-3.95E-06 (7.46E-06)	-3.34E-06 (7.55E-06)	-3.58E-06 (7.62E-06)	-3.74E-06 (7.63E-06)
segment's mean of entry cost	-6.96E-07 (3.22E-06)	-7.33E-07 (3.27E-06)	-4.98E-07 (3.29E-06)	-6.93E-07 (3.32E-06)	-7.03E-07 (3.37E-06)	-5.47E-07 (3.38E-06)	-8.40E-07 (4.63E-06)	-1.05E-06 (4.72E-06)	-9.92E-07 (4.74E-06)	-8.11E-07 (4.60E-06)	-9.96E-07 (4.64E-06)	-9.65E-07 (4.65E-06)
number of firms	.0003*** (6.20E-05)	.0003*** (6.12E-05)	.0003*** (6.11E-05)	.0004*** (6.41E-05)	.0003*** (6.35E-05)	.0003*** (6.35E-05)	.0005*** (6.64E-05)	.0004*** (6.55E-05)	.0004*** (6.55E-05)	.0005*** (6.78E-05)	.0005*** (6.64E-05)	.0005*** (6.64E-05)
segment's sum of employees	7.22e-05** (2.49E-05)	6.74e-05** (2.53E-05)	6.78e-05** (2.53E-05)	1.42E-05 (2.77E-05)	5.84E-06 (2.81E-05)	6.06E-06 (2.81E-05)	-7.44e-05* (3.02E-05)	-7.72e-05* (3.08E-05)	-7.68e-05* (3.08E-05)	-.0002*** (3.28E-05)	-.0002*** (3.30E-05)	-.0002*** (3.30E-05)
segment's mean of asset efficiency	-2.23E-05 (1.02E-04)	-2.29E-05 (1.03E-04)	-2.18E-05 (1.03E-04)	-1.40E-05 (1.04E-04)	-1.42E-05 (1.05E-04)	-1.29E-05 (1.05E-04)	-9.68E-06 (1.05E-04)	-9.15E-06 (1.07E-04)	-7.45E-06 (1.07E-04)	-5.45E-07 (1.05E-04)	1.16E-06 (1.06E-04)	1.80E-06 (1.06E-04)
constant	.0265*** (8.01E-03)	.0286*** (8.23E-03)	.0353** (1.17E-02)	.0329*** (8.36E-03)	.0355*** (8.60E-03)	.0408** (1.24E-02)	.044*** (8.72E-03)	.0463*** (8.99E-03)	.0499*** (1.31E-02)	.0567*** (9.02E-03)	.0588*** (9.20E-03)	.061*** (1.38E-02)
N	573	573	573	537	537	537	504	504	504	473	473	473
F	11.43	9.136	9.156	8.409	6.376	6.353	7.685	5.295	5.249	7.598	6.544	6.536
P>F	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

Note. Variables in bold letters are the variables of interest.

+(p<0.10), \*(p<0.05), \*\*(p<0.01), \*\*\*(p<0.001)

**Data Appendix 4a. Robustness test of the importance of concentration: Using the Herfindahl index of R&D (as opposed to share of kingpin) as an independent variable, logged and not logged variables.**

Pct_mcap IVs not logged	xtreg, fe				Discrepancy IVs logged	xtscc, fe			
	t=0	t+1	t+2	t+3		t=0	t+1	t+2	t+3
<b>Herfindahl index of R&amp;D</b>	0.009 (0.01)	0.008 (0.01)	0.004 (0.01)	0.003 (0.01)	<b>Herfindahl index of R&amp;D</b>	.0019+ (9.37E-04)	.002+ (1.16E-03)	.0023* (8.67E-04)	.0032*** (8.80E-04)
Herfindahl index of sales	-3.42E-04 (0.01)	-0.001 (0.02)	-0.003 (0.02)	-0.009 (0.02)	Herfindahl index of sales	.0123*** (3.03E-03)	.0098*** (2.09E-03)	.0108*** (2.02E-03)	.013*** (1.97E-03)
mean of R&D expenses	3.10E-05 (4.44E-05)	2.92E-05 (4.89E-05)	1.86E-05 (5.19E-05)	2.61E-05 (5.25E-05)	mean of R&D expenses	-.0004* (1.60E-04)	-.0006*** (5.82E-05)	-.0006*** (5.82E-05)	-.0006*** (1.12E-04)
segment's mean of fixed assets	-7.23E-06 (6.75E-06)	-6.10E-06 (7.04E-06)	-3.73E-06 (7.46E-06)	-3.60E-06 (7.62E-06)	segment's mean of fixed assets	-4.29E-04 (3.10E-04)	-0.001 (3.79E-04)	-.001** (3.07E-04)	-.0014** (4.43E-04)
segment's mean of entry cost	-9.95E-07 (3.28E-06)	-9.45E-07 (3.37E-06)	-1.31E-06 (4.74E-06)	-1.17E-06 (4.67E-06)	segment's mean of entry cost	-0.0001 (1.24E-04)	0.0001 (7.03E-05)	.0003*** (6.16E-05)	.0003** (9.37E-05)
number of firms	2.80E-04*** (6.14E-05)	3.33E-04*** (6.38E-05)	3.97E-04*** (6.58E-05)	4.63E-04*** (6.68E-05)	number of firms	0.0006 (3.66E-04)	0.0003 (2.77E-04)	0.0002 (1.34E-04)	.0005* (1.93E-04)
segment's sum of employees	6.78E-05** (2.53E-05)	6.04E-06 (2.81E-05)	-7.69E-05* (3.08E-05)	1.69E-04*** (3.30E-05)	segment's sum of employees	0.0008 (5.65E-04)	.0011* (4.17E-04)	.0014*** (2.63E-04)	.0016*** (2.57E-04)
segment's mean of asset efficiency	-1.40E-05 (1.04E-04)	-6.35E-06 (1.06E-04)	-3.87E-06 (1.07E-04)	4.17E-06 (1.06E-04)	segment's mean of asset efficiency	-.001*** (2.15E-04)	-.0013*** (2.98E-04)	-.0012*** (1.95E-04)	-.0013*** (2.56E-04)
constant	.0249** (0.01)	.0321*** (0.01)	.0441*** (0.01)	.0575*** (0.01)	constant	-.016*** (3.75E-03)	-.0128*** (2.68E-03)	-.0137*** (2.28E-03)	-.0158*** (2.48E-03)
N	573	537	504	473	N	573	545	516	487
F	9.10	6.32	5.23	6.53	F	31.69	34.81	42.40	87.25
P>F	0.000	0.000	0.000	0.000	P>F	0.000	0.000	0.000	0.000

Note. 'Herfindahl index of R&D' is the variable of interest.

+(p<0.10), \*(p<0.05), \*\*(p<0.01), \*\*\*(p<0.001)

**Data appendix 4b. Robustness test of the importance of concentration: Using the Herfindahl index of market capitalization (as opposed to share of kingpin) as an independent variable, logged and not logged variables.**

DV: Pct_mcap IVs not logged	xtreg, fe				DV: Discrepancy IVs logged	xtscc, fe			
	t=0	t+1	t+2	t+3		t=0	t+1	t+2	t+3
<b>Herfindahl index of market cap</b>	.0296*	.0303*	.0258+	2.34E-02	<b>Herfindahl index of market cap</b>	.0009*	.0018*	.0025***	.0029***
	(1.34E-02)	(1.47E-02)	(1.52E-02)	(1.55E-02)		(3.60E-04)	(7.24E-04)	(5.18E-04)	(6.39E-04)
Herfindahl index of sales	-0.0136	-0.0156	-0.0173	-0.0228	Herfindahl index of sales	.0021***	.0009*	.0008**	.001*
	(1.49E-02)	(1.61E-02)	(1.69E-02)	(1.72E-02)		(5.15E-04)	(4.16E-04)	(2.41E-04)	(3.60E-04)
mean of R&D expenses	2.95E-05	2.81E-05	1.65E-05	2.35E-05	mean of R&D expenses	-2.12e-06***	-3.22e-06***	-2.53e-06***	-8.10E-07
	(4.43E-05)	(4.87E-05)	(5.18E-05)	(5.23E-05)		(5.49E-07)	(5.50E-07)	(6.52E-07)	(1.01E-06)
segment's mean of fixed assets	-6.57E-06	-5.80E-06	-3.34E-06	-3.14E-06	segment's mean of fixed assets	-1.53E-07	7.31E-09	2.90E-08	-3.50E-08
	(6.73E-06)	(7.02E-06)	(7.44E-06)	(7.60E-06)		(1.50E-07)	(9.97E-08)	(9.87E-08)	(7.49E-08)
segment's mean of entry cost	-1.04E-06	-1.03E-06	-1.87E-06	-1.68E-06	segment's mean of entry cost	-9.75e-08***	-8.94e-08***	-1.53e-07*	-1.26e-07*
	(3.26E-06)	(3.35E-06)	(4.72E-06)	(4.65E-06)		(2.56E-08)	(2.13E-08)	(5.68E-08)	(4.95E-08)
number of firms	.0003***	.0003***	.0004***	.0005***	number of firms	-5.49E-06	3.99E-06	1.2e-05*	2.33e-05***
	(6.08E-05)	(6.32E-05)	(6.52E-05)	(6.62E-05)		(6.11E-06)	(5.53E-06)	(5.17E-06)	(6.18E-06)
segment's sum of employees	.0001**	9.29E-06	-.0001*	-.0002***	segment's sum of employees	1.56e-05*	1.06e-05+	5.56E-06	-1.82E-06
	(2.52E-05)	(2.80E-05)	(3.07E-05)	(3.29E-05)		(6.58E-06)	(6.08E-06)	(6.04E-06)	(6.53E-06)
segment's mean of asset efficiency	6.47E-06	1.65E-05	1.76E-05	2.34E-05	segment's mean of asset efficiency	-3.49e-06***	-2.12e-06**	-2.01e-06***	-2.40e-06***
	(1.03E-04)	(1.06E-04)	(1.07E-04)	(1.07E-04)		(7.56E-07)	(7.76E-07)	(3.39E-07)	(4.86E-07)
constant	.0204*	.0273**	.0395***	.0533***	constant	-.004***	-.004***	-.0037***	-.0037***
	(8.72E-03)	(9.11E-03)	(9.47E-03)	(9.65E-03)		(8.45E-04)	(8.75E-04)	(8.52E-04)	(7.91E-04)
N	573	537	504	473	N	573	545	516	487
F	9.725	6.862	5.612	6.847	F	108.098	95.625	83.551	66.231
P>F	0.000	0.000	0.000	0.000	P>F	0.000	0.000	0.000	0.000

Note. 'Herfindahl index of market cap' is the variable of interest.

+(p<0.10), \*(p<0.05), \*\*(p<0.01), \*\*\*(p<0.001)

**Data Appendix 5. Robustness check: The effect of inequality, excluding single-firm segments from the data.**

Discrepancy xtscc, IVs logged	t=0				t+1				t+2				t+3			
	Controls	H2	H1	Full	Controls	H2	H1	Full	Controls	H2	H1	Full	Controls	H2	H1	Full
kingpin's share (R&D)		.0045** (1.40E-03)		.0045** (1.51E-03)		.0048** (1.63E-03)		.0043* (1.70E-03)		.0052*** (1.37E-03)		.0045** (1.55E-03)		.0065*** (1.38E-03)		.0055** (1.53E-03)
kingpin's share (market cap)			0.0013 (9.36E-04)	0.0001 (8.65E-04)			.0035*** (7.15E-04)	.0026*** (4.88E-04)			.0047*** (9.76E-04)	.0037*** (8.16E-04)			.0056*** (1.29E-03)	.0043*** (1.01E-03)
Herfindahl index of sales	.0162*** (3.74E-03)	0.0048 (2.98E-03)	.0129*** (2.84E-03)	.0045* (2.02E-03)	.0135*** (2.66E-03)	0.0007 (2.39E-03)	.004* (1.79E-03)	-.0049+ (2.72E-03)	.0154*** (3.04E-03)	0.0009 (9.06E-04)	0.003 (3.48E-03)	-.007*** (1.35E-03)	.0189*** (3.05E-03)	0.001 (8.80E-04)	0.004 (3.22E-03)	-.0081*** (1.64E-03)
mean of R&D expenses	-.0005** (1.60E-04)	-.0005** (1.71E-04)	-.0005* (1.74E-04)	-.0005* (1.92E-04)	-.0007*** (1.06E-04)	-.0006*** (8.72E-05)	-.0005*** (9.05E-05)	-.0005*** (9.67E-05)	-.0007*** (1.03E-04)	-.0006*** (9.68E-05)	-.0004*** (8.95E-05)	-.0004*** (1.17E-04)	-.0006*** (1.12E-04)	-0.0004 (2.53E-04)	-.0003* (1.55E-04)	-0.0002 (2.76E-04)
segment's mean of fixed assets	-0.0004 (3.31E-04)	-0.0003 (6.06E-04)	-0.0003 (3.22E-04)	-0.0003 (6.18E-04)	-0.0005 (3.91E-04)	-0.0005 (6.47E-04)	-0.0004 (3.51E-04)	-0.0004 (6.47E-04)	-.0008* (3.20E-04)	-.0012** (3.78E-04)	-.0007** (2.48E-04)	-.001** (3.68E-04)	-.0012* (4.52E-04)	-.0018*** (4.15E-04)	-.0011** (3.68E-04)	-.0018*** (3.73E-04)
segment's mean of entry cost	-0.0002 (1.66E-04)	-0.0001 (2.69E-04)	-0.0002 (1.64E-04)	-0.0001 (2.74E-04)	0.0001 (8.98E-05)	0.0001 (1.80E-04)	4.61E-05 (8.54E-05)	0.0001 (1.85E-04)	.0002** (8.47E-05)	.0004*** (7.42E-05)	0.0001 (1.11E-04)	.0003** (8.13E-05)	.0003* (8.99E-05)	.0004*** (1.03E-04)	0.0001 (1.03E-04)	.0003** (1.07E-04)
number of firms	0.0006 (4.74E-04)	.0014* (6.47E-04)	0.0008 (5.92E-04)	.0015* (7.00E-04)	0.0004 (3.62E-04)	.0013* (5.22E-04)	.001* (4.24E-04)	.0016** (5.24E-04)	0.0002 (1.89E-04)	.001* (3.93E-04)	.0011** (3.28E-04)	.0015** (4.46E-04)	.0004+ (2.36E-04)	.0014* (5.23E-04)	.0015** (4.48E-04)	.002** (5.65E-04)
segment's sum of employees	0.0008 (5.95E-04)	0.0007 (8.40E-04)	0.0007 (6.31E-04)	0.0006 (8.77E-04)	.0011* (3.91E-04)	0.0009 (6.32E-04)	.0008+ (4.02E-04)	0.0007 (6.49E-04)	.0014*** (2.48E-04)	.0014** (4.09E-04)	.001*** (2.50E-04)	.001* (4.63E-04)	.0016*** (2.94E-04)	.0016*** (2.45E-04)	.001*** (2.02E-04)	.0012*** (2.94E-04)
segment's mean of asset efficiency	-.0012*** (2.52E-04)	-.0006** (1.99E-04)	-.0012*** (2.43E-04)	-.0006** (2.04E-04)	-.0015*** (3.74E-04)	-.0007** (2.44E-04)	-.0013*** (2.73E-04)	-.0007*** (1.61E-04)	-.0015*** (2.59E-04)	-.0006** (1.80E-04)	-.0012*** (1.67E-04)	-.0005*** (1.28E-04)	-.0016*** (3.20E-04)	-0.0005 (3.15E-04)	-.0013*** (1.96E-04)	-.0005** (1.57E-04)
constant	-.0201*** (4.41E-03)	-0.0059 (4.73E-03)	-.0158*** (3.39E-03)	-0.0055 (3.72E-03)	-.0171*** (2.87E-03)	-0.001 (4.89E-03)	-.0047+ (2.53E-03)	0.0064 (5.54E-03)	-.0188*** (3.02E-03)	0.0006 (1.77E-03)	-0.0024 (4.02E-03)	.0112*** (2.04E-03)	-.0223*** (3.26E-03)	.0027+ (1.47E-03)	-0.0024 (4.62E-03)	.0152*** (3.04E-03)
N	482	468	481	467	465	452	464	451	445	433	444	432	424	412	423	411
F	12.83	7.15	10.99	6.30	36.96	16.29	30.50	33.25	48.33	19.17	40.51	43.54	38.09	27.61	38.20	29.62
p>F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Note. 'Kingpin's share (R&D)' and 'kingpin's share (market cap)' are the variables of interest.

+(p<0.10), \*(p<0.05), \*\*(p<0.01), \*\*\*(p<0.001)

**Data Appendix 6. Robustness check: The effect of inequality on the fringe firms in a segment, excluding single-firm segments from the data.**

A segment's share, excluding kingpin's xtsc, fe; IVs logged	t=0				t+1				t+2				t+3			
	Controls	H1a	H2	Full	Controls	H1a	H2	Full	Controls	H1a	H2	Full	Controls	H1a	H2	Full
kingpin's share (R&D)		.082*** (0.01)		.083*** (0.01)		.083*** (0.01)		.084*** (0.01)		.073*** (0.01)		.074*** (0.01)		.078*** (0.01)		.08*** (0.01)
kingpin's share (market cap)			.022+ (0.01)	-0.004 (0.01)			0.021 (0.02)	-0.005 (0.01)			0.016 (0.01)	-0.006 (0.01)			0.02 (0.01)	-0.005 (5.33E-03)
Herfindahl index of sales	0.031 (0.03)	-.187** (0.05)	-0.025 (0.05)	-.178** (0.06)	.04+ (0.02)	-.191** (0.05)	-0.017 (0.06)	-.182* (0.07)	.063* (0.03)	-.153** (0.05)	0.017 (0.06)	-.143* (0.06)	-0.002 (0.03)	-.235*** (0.04)	-.055+ (0.03)	-.226*** (0.04)
mean of R&D expenses	-0.001 (0.01)	-0.007 (4.08E-03)	-3.48E-04 (0.01)	-.007+ (3.93E-03)	-.016*** (3.91E-03)	-.022*** (3.17E-03)	-.015*** (3.76E-03)	-.023*** (3.26E-03)	-.018*** (4.46E-03)	-.022*** (3.77E-03)	-.017*** (4.02E-03)	-.022*** (3.56E-03)	-.012+ (0.01)	-.016* (0.01)	-0.011 (0.01)	-.017* (0.01)
segment's mean of fixed assets	0.007 (0.01)	0.023 (0.01)	0.007 (0.01)	0.024 (0.01)	0.006 (0.01)	.023+ (0.01)	0.006 (0.01)	.023+ (0.01)	-0.003 (0.01)	0.001 (0.01)	-0.004 (0.01)	-0.001 (0.01)	-3.95E-04 (0.01)	0.008 (0.01)	-3.42E-04 (0.01)	0.008 (0.01)
segment's mean of entry cost	-0.017* (0.01)	-0.019* (0.01)	-0.016* (0.01)	-.02* (0.01)	-0.010 (0.01)	-0.012 (0.01)	-0.009 (0.01)	-0.012 (0.01)	0.004 (0.01)	0.005 (0.01)	0.004 (0.01)	0.005 (0.01)	0.007 (0.01)	0.006 (0.01)	0.007 (0.01)	0.006 (0.01)
number of firms	-0.007 (0.01)	0.013 (0.01)	-0.004 (0.01)	0.014 (0.01)	-0.016 (0.01)	0.004 (0.01)	-0.013 (0.01)	0.003 (0.01)	-.026+ (0.01)	-0.014 (0.01)	-.024* (0.01)	-0.016 (0.01)	-.03* (0.01)	-0.013 (0.01)	-.026* (0.01)	-0.013 (0.01)
segment's sum of employees	0.004 (0.01)	-0.003 (0.01)	0.002 (0.01)	-0.003 (0.01)	.021* (0.01)	0.014 (0.01)	.019* (0.01)	0.015 (0.01)	.027* (0.01)	.027* (0.01)	.026** (0.01)	.028* (0.01)	.022+ (0.01)	0.02 (0.01)	.021+ (0.01)	0.02 (0.01)
segment's mean of asset efficiency	-.007+ (3.27E-03)	.005+ (2.60E-03)	-0.005 (2.99E-03)	.005+ (2.48E-03)	-.009* (3.79E-03)	0.003 (3.73E-03)	-.008+ (3.63E-03)	0.003 (3.59E-03)	-.011** (3.06E-03)	0.001 (2.91E-03)	-.01** (2.88E-03)	0.001 (2.94E-03)	0.001 (4.11E-03)	.013** (3.77E-03)	0.003 (3.99E-03)	.013** (3.63E-03)
constant	0.083 (0.05)	.304** (0.09)	.151+ (0.08)	.29** (0.10)	0.053 (0.04)	.29** (0.08)	0.124 (0.08)	.277* (0.10)	0.018 (0.04)	.278** (0.07)	0.078 (0.08)	.268** (0.09)	.065* (0.03)	.333*** (0.07)	.133* (0.05)	.321*** (0.08)
N	375	364	374	363	363	352	362	351	349	338	348	337	334	323	333	322
F	19.80	31.04	43.19	30.97	50.20	24.50	48.51	34.91	22.69	16.25	21.53	29.40	4.21	38.72	4.88	49.86
p>F	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.007	0.000	0.003	0.000

Note. 'Kingpin's share (R&D) and 'kingpin's share (market cap)' are the variables of interest.

+(p<0.10), \*(p<0.05), \*\*(p<0.01), \*\*\*(p<0.001)

**Data Appendix 7. Robustness check: The effect of a segment's share on the inequality within the segment, excluding single-firm segments.**

DV: Kingpin's share (R&D)	IVs not logged, xtreg, fe			IVs logged, xtsc, fe			DV: Kingpin's share (mcap)	IVs not logged, xtreg, fe			IVs logged, xtsc, fe		
	t+1	t+2	t+3	t+1	t+2	t+3		t+1	t+2	t+3	t+1	t+2	t+3
<b>segment's share of value in a sector</b>	.2492*	0.1868	0.1559	1.5052*	1.5057**	2.5687*	<b>segment's share of value in a sector</b>	.3259**	.213+	0.1547	1.3668	1.4169+	2.0363
	(0.12)	(0.12)	(0.13)	(0.62)	(0.54)	(1.13)		(0.12)	(0.13)	(0.14)	(0.81)	(0.73)	(1.32)
Herfindahl index of sales	.4002***	.358***	.2701***	1.1689***	.9905***	.7349***	Herfindahl index of sales	.4446***	.3726***	.3048***	1.2933***	1.1133***	.9719***
	(0.04)	(0.04)	(0.05)	(0.21)	(0.14)	(0.17)		(0.04)	(0.04)	(0.05)	(0.15)	(0.06)	(0.06)
mean of R&D expenses	-.0003*	-.0004**	-.0004**	-0.013	-.008*	-0.0033	mean of R&D expenses	4.39E-06	-1.11E-04	-6.66E-05	-1.13E-02	.0277***	.0593***
	(1.29E-04)	(1.39E-04)	(1.47E-04)	(0.01)	(0.00)	(0.01)		(1.33E-04)	(1.43E-04)	(1.54E-04)	(7.45E-03)	(0.01)	(0.01)
segment's mean of fixed assets	2.53E-05	4.66e-05*	5.19e-05*	-0.001	-0.009	0.005	segment's mean of fixed assets	-4.83E-06	1.14E-05	1.44E-05	-0.0015	0.009	0.0133
	(1.90E-05)	(2.01E-05)	(2.11E-05)	(0.01)	(0.02)	(0.01)		(1.97E-05)	(2.05E-05)	(2.21E-05)	(8.57E-03)	(6.58E-03)	(9.97E-03)
segment's mean of entry cost	1.28E-05	1.08E-05	.0001+	.0262*	.0419**	.0474**	segment's mean of entry cost	7.37E-06	1.66E-05	-4.94E-06	-0.0024	-.0311+	-.0458*
	(9.19E-06)	(1.68E-05)	(6.45E-05)	(0.01)	(0.01)	(0.01)		(8.93E-06)	(1.30E-05)	(1.38E-05)	(0.01)	(0.02)	(0.02)
number of firms	-.0006**	-.0005**	-.0004*	-.0906***	-.0979***	-.0781***	number of firms	-2.83E-06	5.37E-05	1.87E-04	-.0575***	-0.0073	.0284*
	(1.69E-04)	(1.78E-04)	(1.95E-04)	(0.01)	(0.01)	(0.01)		(1.70E-04)	(1.82E-04)	(1.98E-04)	(0.01)	(0.01)	(0.01)
segment's sum of employees	4.30E-05	2.92E-05	-3.80E-05	0.019	.0149*	-0.0062	segment's sum of employees	-.0001+	-1.35E-04	-.0002+	.0145*	-.0364***	-.0774***
	(7.31E-05)	(8.12E-05)	(9.13E-05)	(0.01)	(0.01)	(0.01)		(7.35E-05)	(8.32E-05)	(9.50E-05)	(0.01)	(0.01)	(0.02)
segment's mean of asset efficiency	-4.51E-04	-3.60E-04	-2.49E-04	-.043***	-.0161+	-.0233+	segment's mean of asset efficiency	-0.0003	-.0005+	-0.0004	-0.013	-0.0246	-0.0323
	(2.75E-04)	(2.84E-04)	(2.94E-04)	(0.01)	(0.01)	(0.01)		(2.76E-04)	(2.89E-04)	(3.06E-04)	(0.02)	(0.03)	(0.02)
constant	.4719***	.4941***	.5081***	-.7912**	-.6045**	-.4328+	constant	.4205***	.4579***	.494***	-.9084***	-.6581***	-.5029***
	(0.02)	(0.03)	(0.03)	(0.22)	(0.17)	(0.24)		(0.02)	(0.03)	(0.03)	(0.21)	(0.07)	(0.08)
N	444	418	396	444	421	400	N	461	438	416	461	441	420
F	18.299	14.199	7.999	227.026	161.338	60.99	F	18.562	11.058	6.718	453.561	154.479	86.724
P>F	0.000	0.000	0.000	0.000	0.000	0.000	P>F	0.000	0.000	0.000	0.000	0.000	0.000

Note. 'Segment's share of value in a sector' is the variable of interest.

+(p<0.10), \*(p<0.05), \*\*(p<0.01), \*\*\*(p<0.001)

**Data Appendix 8. Additional analysis. How a segment's share of value affects entry and exit.**

No_firms IVs logged	t+1	t+2	t+3
<b>Segment's share (mcap)</b>	.6525*** (0.15)	.8648*** (0.19)	1.0076*** (0.23)
<b>kingpin's share (mcap)</b>	-0.0367 (0.04)	-0.0726 (0.05)	-.12* (0.06)
<b>kingpin's share (R&amp;D)</b>	-.1027* (0.04)	0.0075 (0.05)	0.0856 (0.06)
Herfindahl index of sales	-2.4511*** (0.47)	-2.7581*** (0.56)	-2.9187*** (0.63)
mean of R&D expenses	-.0728+ (0.04)	-0.0062 (0.05)	0.0251 (0.06)
segment's mean of fixed assets	-.6815*** (0.05)	-.6194*** (0.07)	-.5392*** (0.08)
segment's mean of entry cost	.5331*** (0.03)	.4499*** (0.03)	.3429*** (0.04)
segment's sum of employees	.5804*** (0.03)	.4519*** (0.03)	.3671*** (0.04)
segment's mean of asset efficiency	.2158*** (0.04)	.2094*** (0.04)	.1904*** (0.05)
constant	5.2957*** (0.61)	5.498*** (0.72)	5.7163*** (0.83)
chi2	2212.702	1163.808	677.653
F	516	484	452
P>F	0.000	0.000	0.000

Note. Results obtained by using 'xtnbreg, fe' command in Stata. Variables in bold characters are the independent variables of interest.

+(p<0.10), \*(p<0.05), \*\*(p<0.01), \*\*\*(p<0.000)

**Data appendix 9: Additional Figures and Graphs**

Figure 1. Graphic illustration of the evolution of computer OEMs

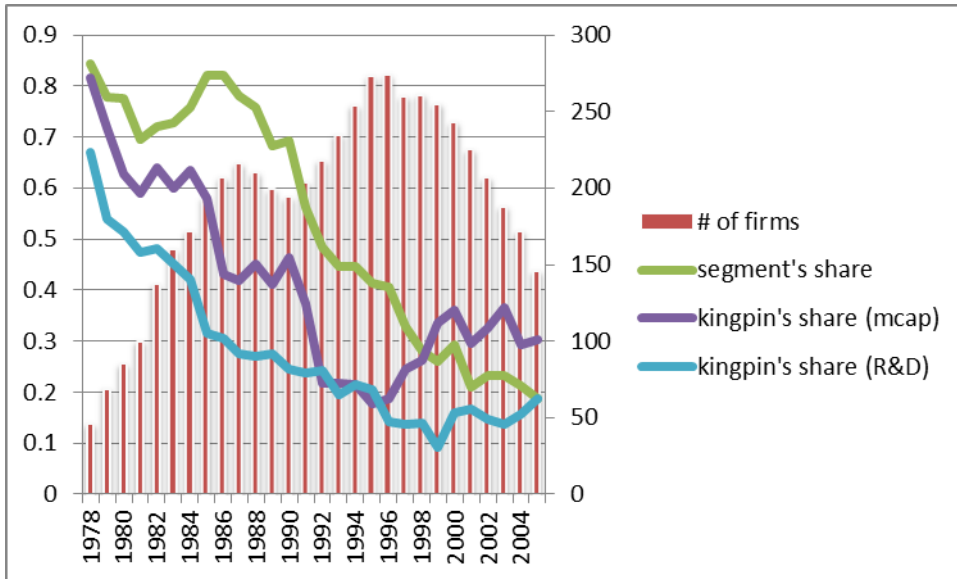


Figure 2. Graphic illustration of the evolution of software publishers

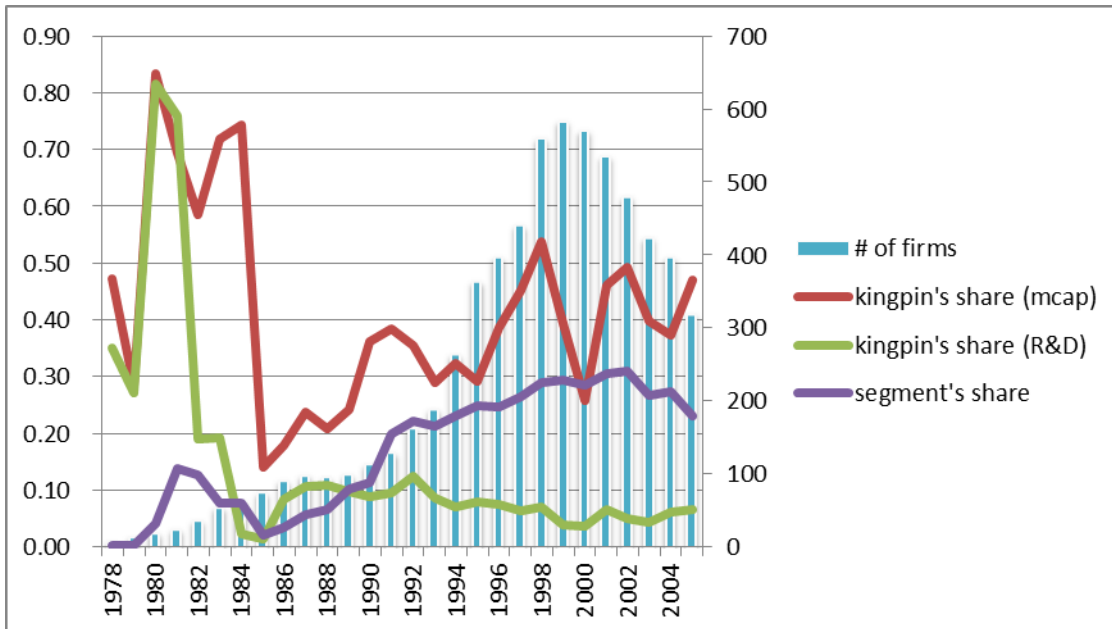


Figure 3. Graphic illustration of the evolution of microprocessor manufacturers

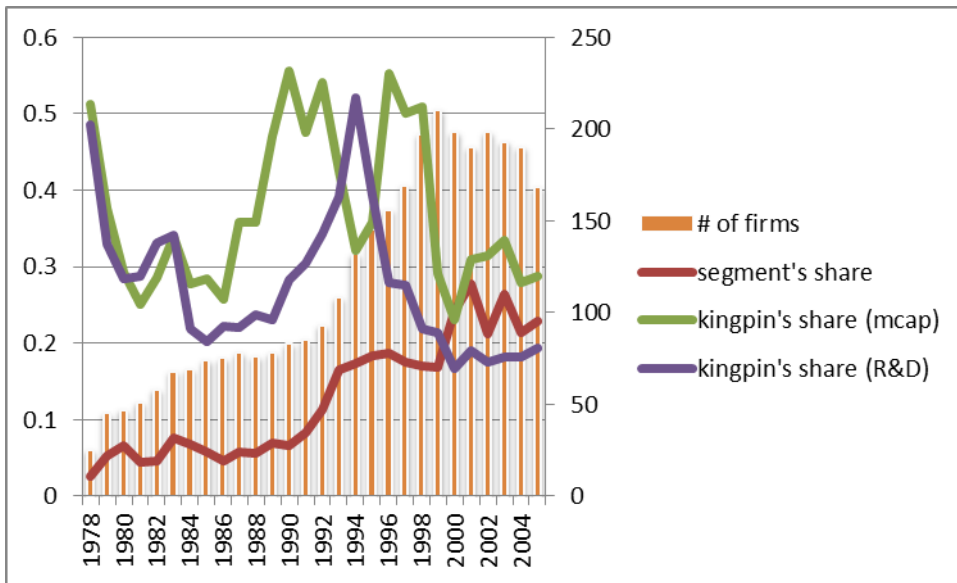
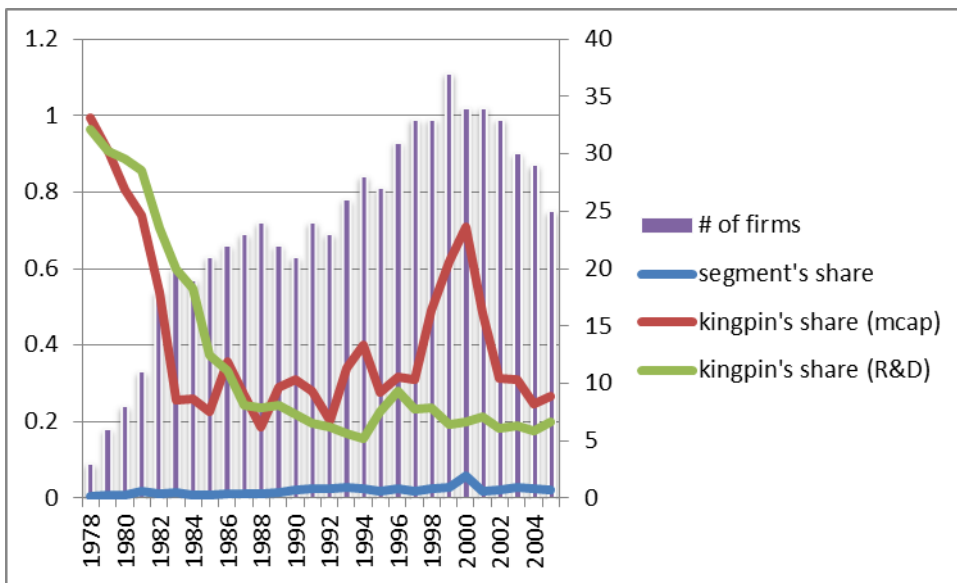
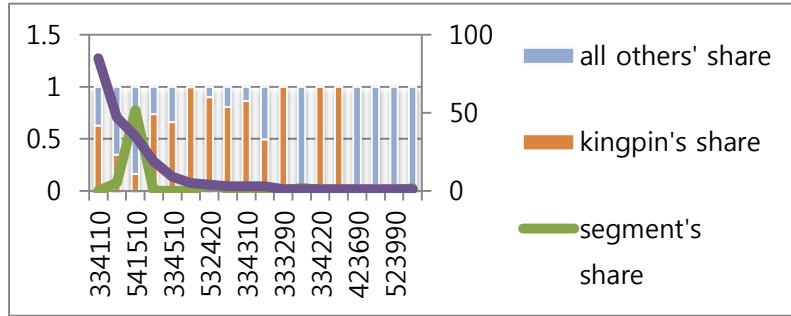


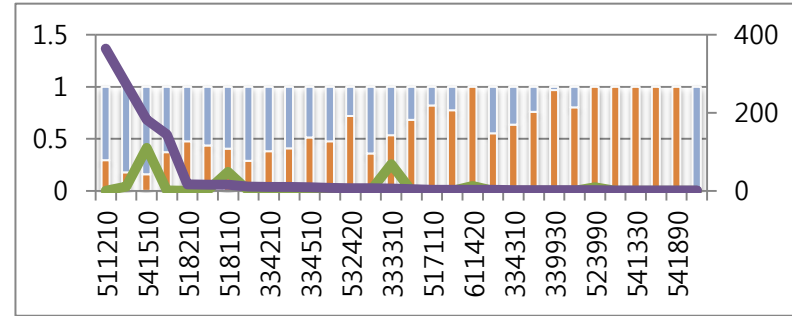
Figure 4. Graphic illustration of the evolution of data storage device manufacturers



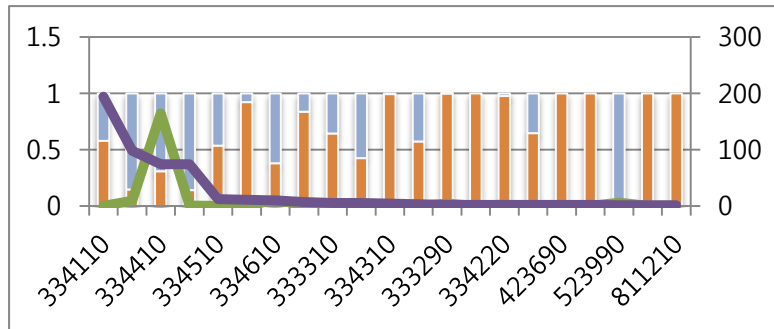
**Data Appendix 11: The comparison between kingpin's share and that of all others', in value, over time**



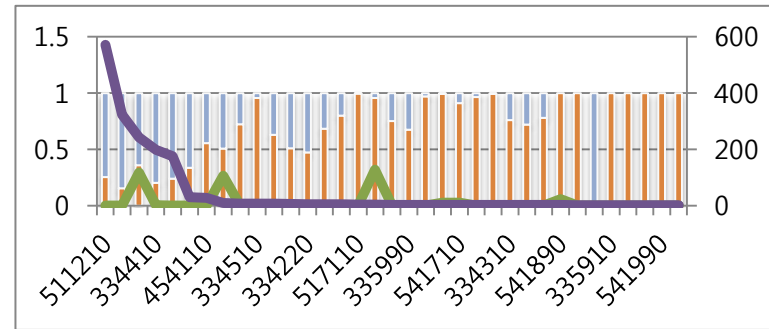
Year 1980



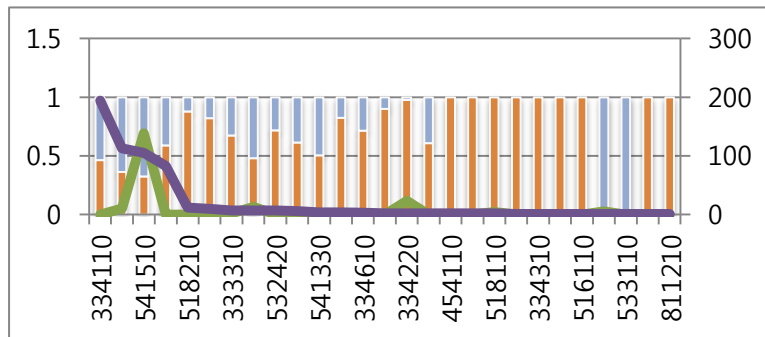
Year 1995



Year 1985



Year 2000



Year 1990



Year 2005