

MOPS Denmark

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EMC Census workshop - Dec 2019

MOPS Denmark

Pilot survey: We surveyed 4482 firms in Denmark.

- Same US MOPS questionnaire.
- Sampling frame included all real firms with more than 5 employees in the Statistics Denmark register: about 26,000 firms across all industries.
- Questionnaire e-mailed into a special inbox:
 - ▶ Statistics Denmark does not do mandatory surveys
 - ▶ BUT, govt mail goes to an “e-box” that generally gets read.
 - ▶ We were granted access to this, yielding a 17% response rate.
- Linked to all the Statistics Denmark datasets.

Preliminary stats at this point, but will point to where we are headed in our agenda.

Not a random sample

Industry	Pct of sample	Pct of universe
Retail	25.85	20.77
Manufacturing	17.14	8.86
Construction	12.92	10.56
Professional services	11.55	6.43
Information and communication	7.1	4.01
Admin services	5.58	5.16
Other	19.86	44.22

* Other: transport, healthcare, hotel/food, real estate, financial services.

	Overall	MOPS	Mean Diff
Number of employees	40.95	50.85	-9.91**
Firm assets (th.DKr)	44696.18	55889.56	-11193.38
Firm profit (th.DKr)	4531.48	8176.55	-3645.07
Owner age	52.16	51.44	0.73***
Owner female	0.06	0.13	-0.07***

Mainly small-ish firms

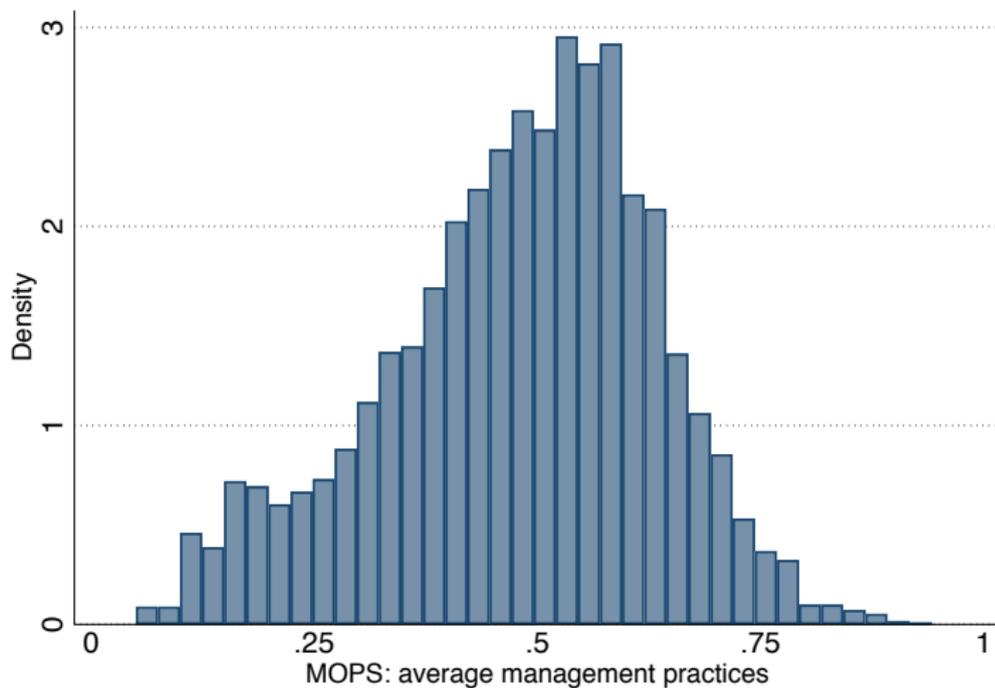
Distribution of firm size (employment):

firms are mostly small, though slightly larger in manufacturing. *For comparison: mean US firm size: 177, median: 86.*

	Mean	SD	10th pct	25th pct	50th pct	75th pct	N
Number of employees							
All firms	50.85	(185.08)	6.00	9.00	16.00	37.00	4336
Manufacturing only	67.02	(160.71)	8.00	12.00	26.00	57.00	743

PRELIMINARY SUMMARY STATS

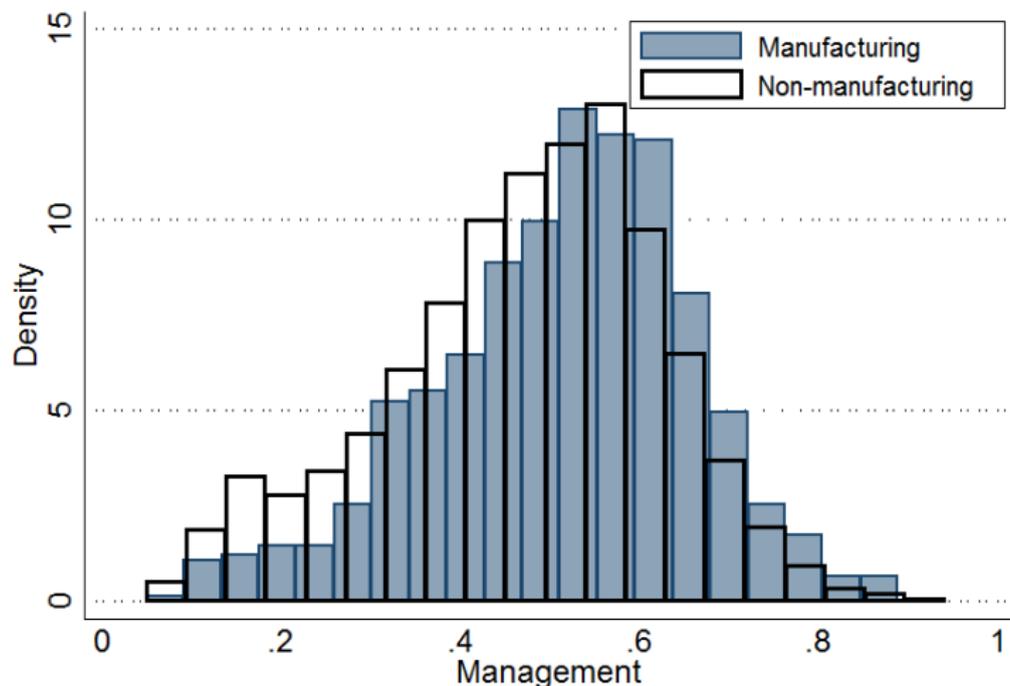
Distribution of management: all firms



Note: Data from the Danish MOPS. N=4482.

Mean: 0.48, SD: 0.15.

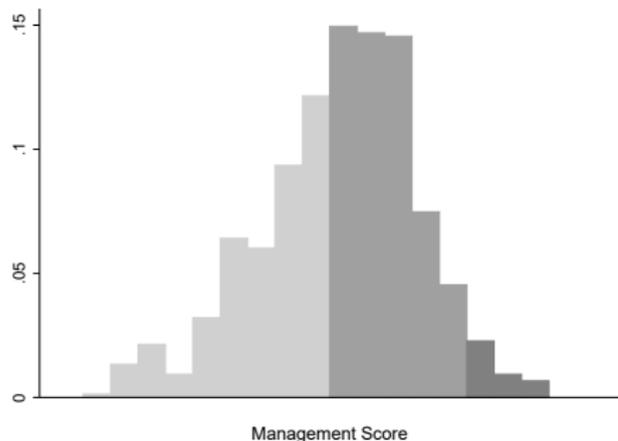
Mfg distribution slightly better than non-mfg



Manufacturing N = 743, Non-manufacturing N= 3639

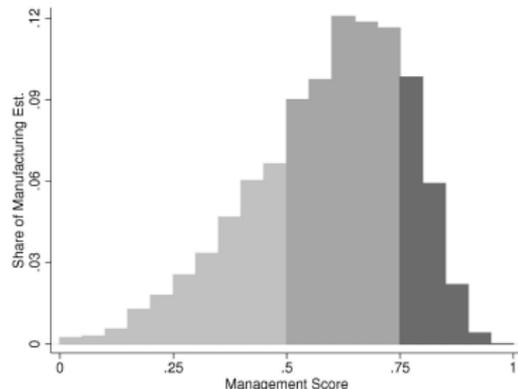
All Mean: 0.48, All SD: 0.15; Mfg Mean: 0.51, Mfg SD: 0.15.

Danish firms score lower relative to US firms



Denmark

Figure 1: The Wide Spread of Management Scores Across Establishments



US (Bloom et al 2018)

The distribution of management in Danish establishments sits to the left of the US distribution. There are fewer establishments with scores above .75.

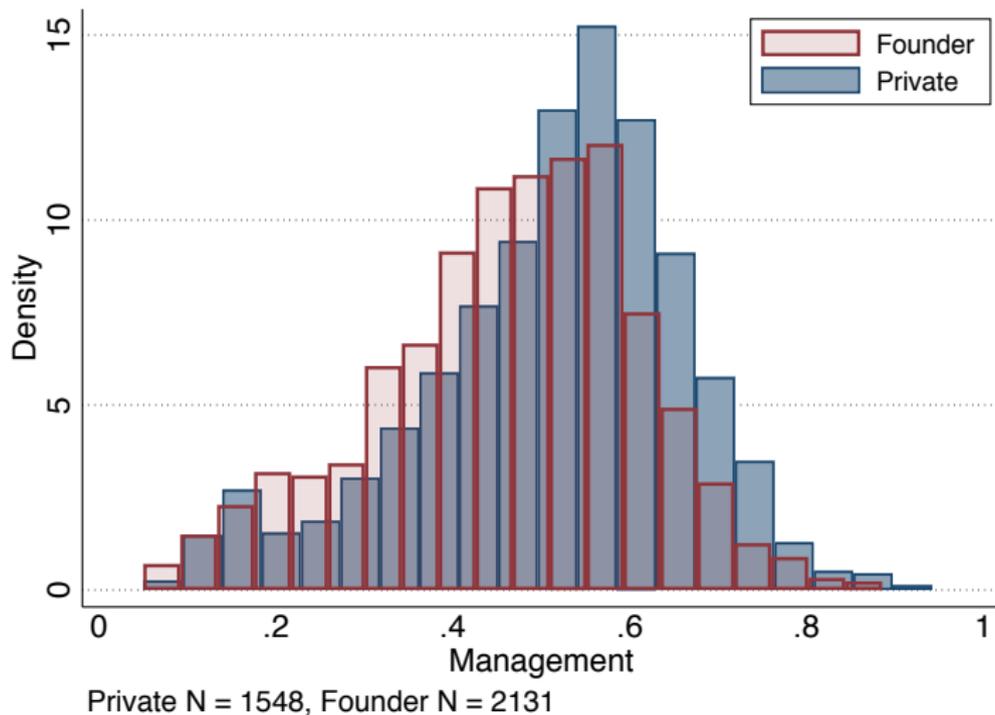
US avg (mfg): 0.615, Danish avg (mfg): 0.51.

Ownership types

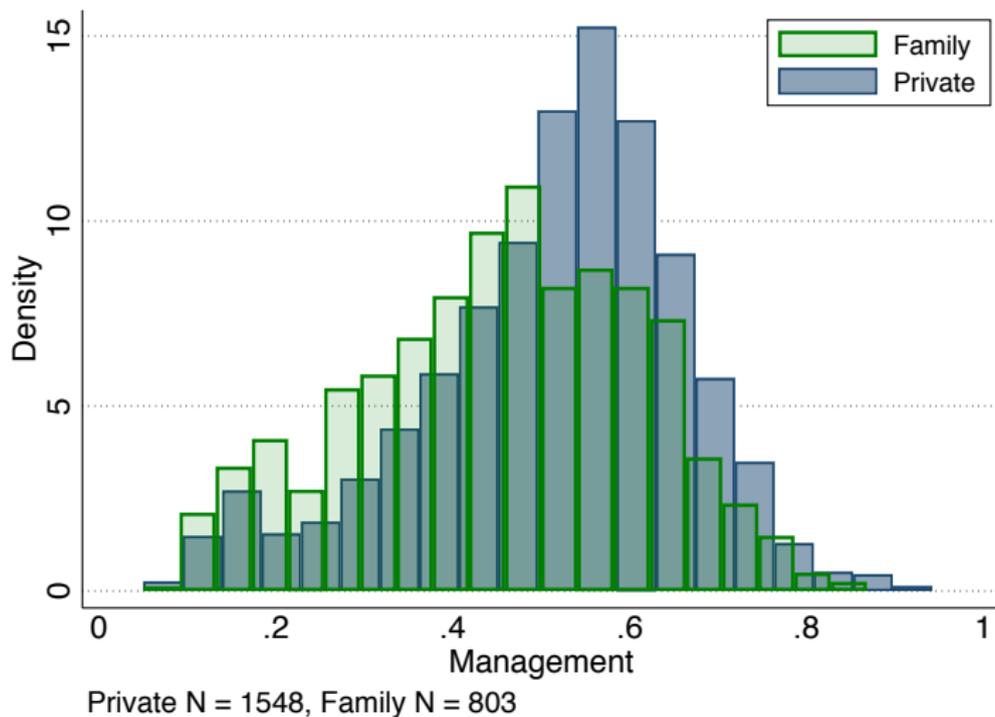
Majority of firms are family-owned, most first-generation.

Ownership	All firms Mean	Mfg only Mean
Family	0.66	0.58
Founder	0.48	0.35
Family (2nd+ gen)	0.18	0.23
Family CEO	0.82	0.81
Multinational	0.18	0.29
Owner has a degree	0.5	0.57
Female owner	0.13	0.06

Founder/family firms adopt fewer practices

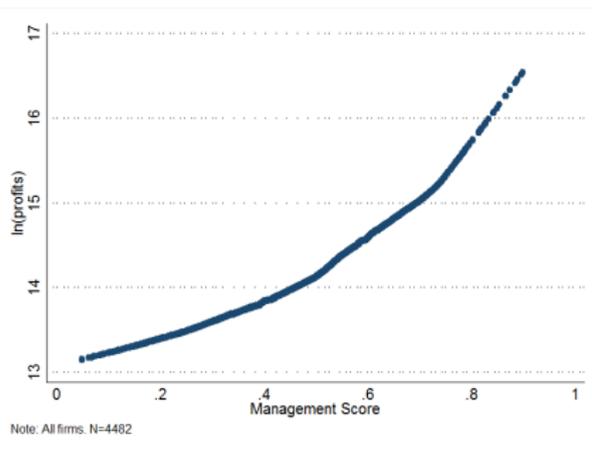


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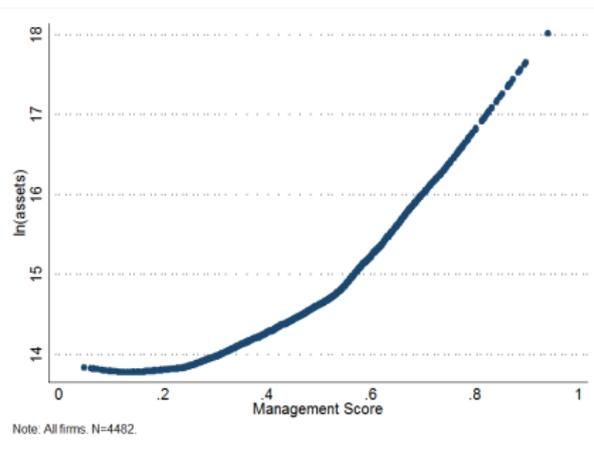


Management x productivity

Management is correlated with good firm outcomes



PROFITS



ASSETS

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- **Is meeting the target good for your health?** How employees and managers of high-incentive structures respond privately
 - ▶ Use data on prescription medications and unexpected hospitalization rates of employees/managers

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