

Adjustment of corporate real estate during a period of significant business change

Citation for published version (APA):

Cooke, H., Appel - Meulenbroek, H. A. J. A., Arentze, T. A., & de Vries, B. (2017). *Adjustment of corporate real estate during a period of significant business change*. 54. Abstract from 24th Annual European Real Estate Society Conference (ERES 2017), Delft, Netherlands.

Document status and date:

Published: 29/06/2017

Document Version:

Other version

Please check the document version of this publication:

- A submitted manuscript is the version of the article upon submission and before peer-review. There can be important differences between the submitted version and the official published version of record. People interested in the research are advised to contact the author for the final version of the publication, or visit the DOI to the publisher's website.
- The final author version and the galley proof are versions of the publication after peer review.
- The final published version features the final layout of the paper including the volume, issue and page numbers.

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Adjustment of Corporate Real Estate During a Period of Significant Business Change

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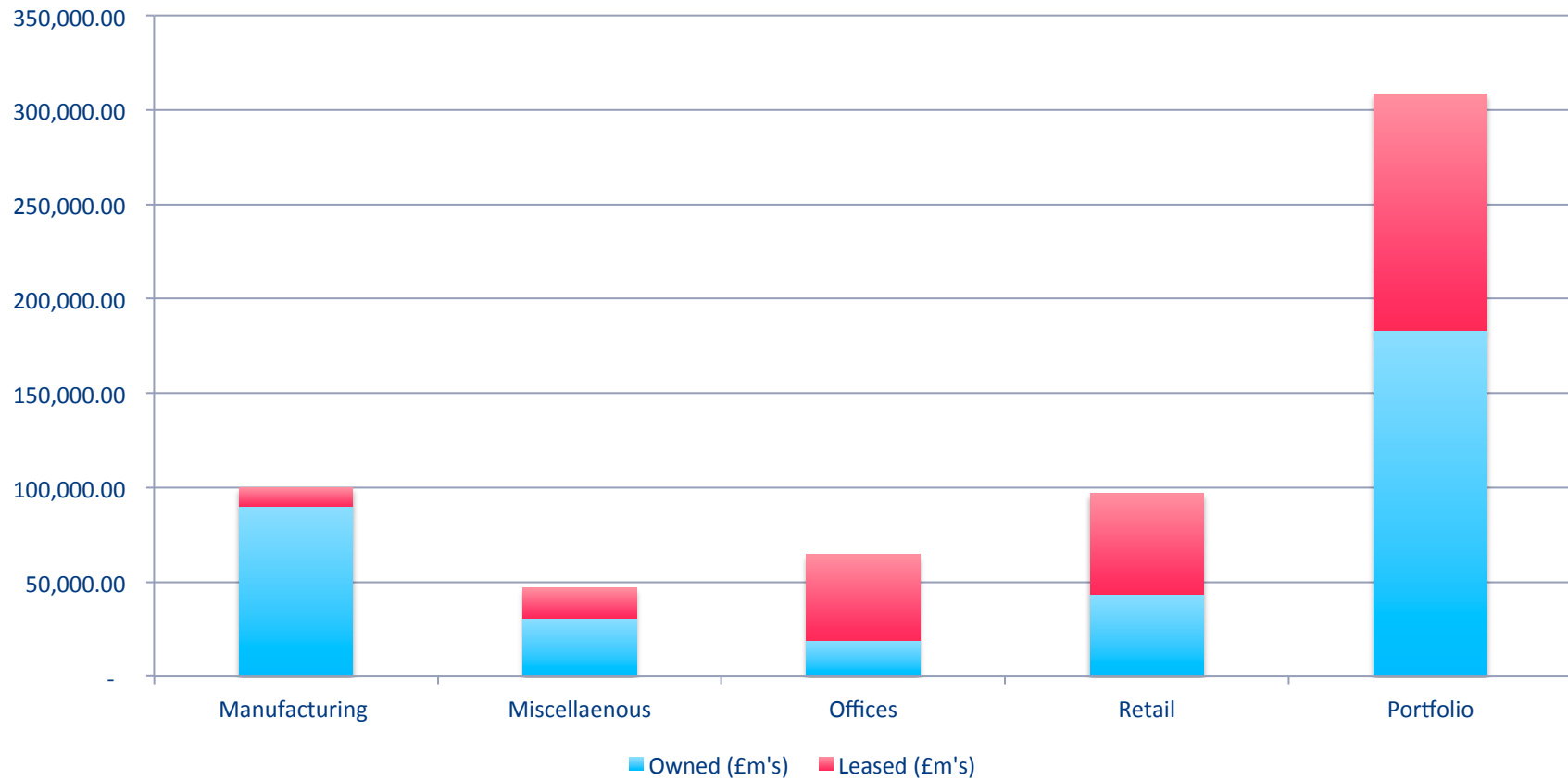
- INTRODUCTION
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INTRODUCTION

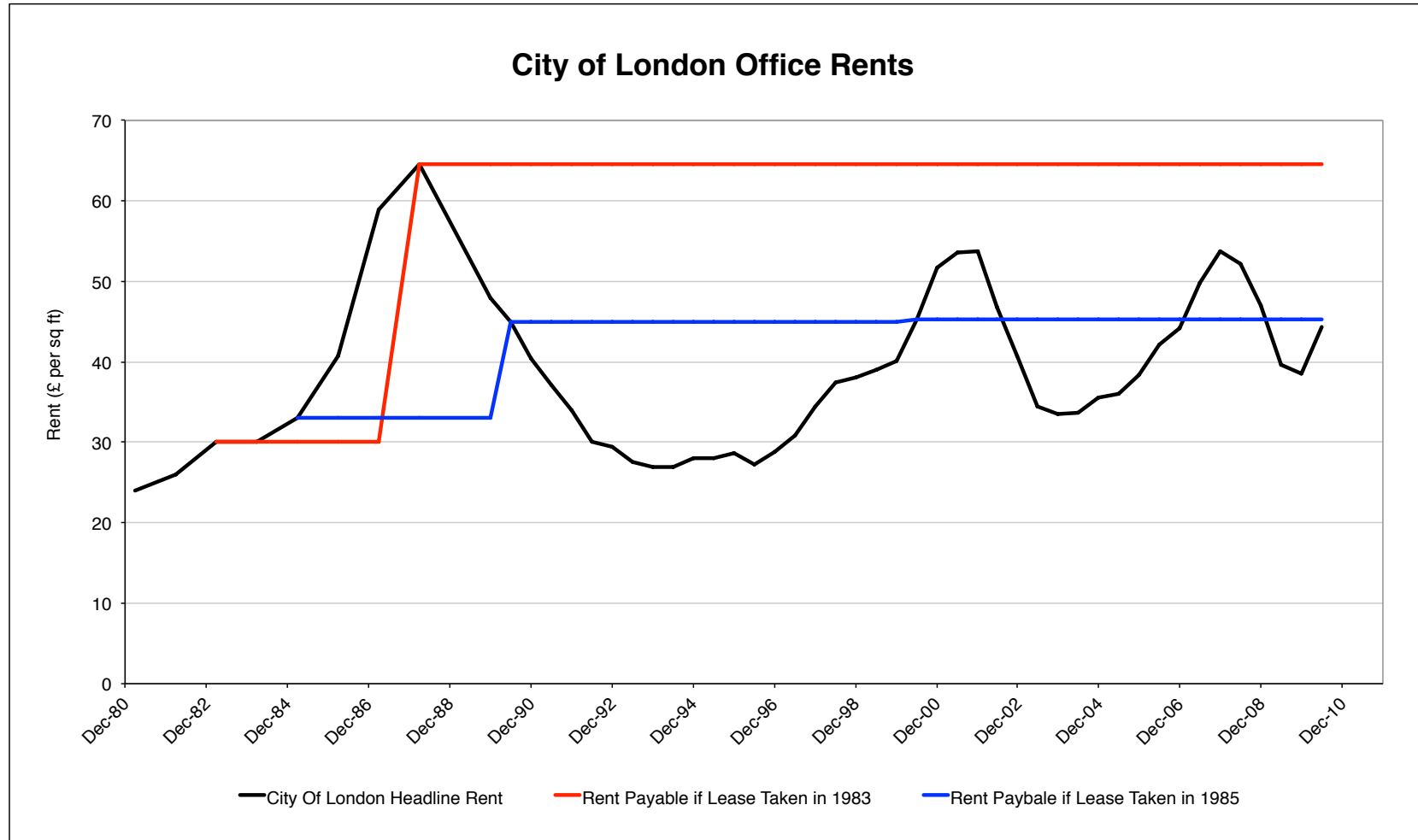
- *Sustained Competitive Advantage* (Porter 1985) – Managers look to improve Value Chain through efficiency, effectiveness and productivity
- Business environment continually changing. Has evolved to:
 - *Transient Competitive Advantage* (McGarth 2013)
 - *Blue Ocean Strategies* (Kim & Margborne 2015)
- Business now has to be agile, dynamic and flexible, capable of quickly adjusting to grasp opportunities
- Dynamic strategic fit requires a learning mind set and iterative feedback loops for the individual and organisation
- CRE Portfolio has to be agile, dynamic, and flexible, therefore, capable of quickly adjusting to changed business needs.

RELEVANCE – SCALE OF COMMITMENT

Total CRE Commitment



RELEVANCE – EXAMPLE OF ISSUE



PROBLEM STATEMENT

- To meet today's challenges a business needs a flexible CRE portfolio capable of *Dynamic Alignment*
- Performance measures provide assessment base for business – both financial and CRE
- Performance measures linking business and CRE are Efficiency, Effectiveness, Productivity and Flexibility (Van Ree 2002)
- Flexibility can be defined as: Physical, Functional, Financial (Gibson 2000) and Legal
- Has business learnt from the past and built a CRE portfolio that facilitates Efficiency, Effectiveness, Productivity and Flexibility?

HYPOTHESES

H1: Over time the length of commitment to leased property will reduce to reflect improved CRE flexibility and effectiveness of CRE use

H2: As turnover and profitability decline/increase management will react by reducing/increasing the proportion of total costs committed to CRE

H3: As the number of FTE's increases or decreases there will be a corresponding change to the CRE portfolio

METHODOLOGY

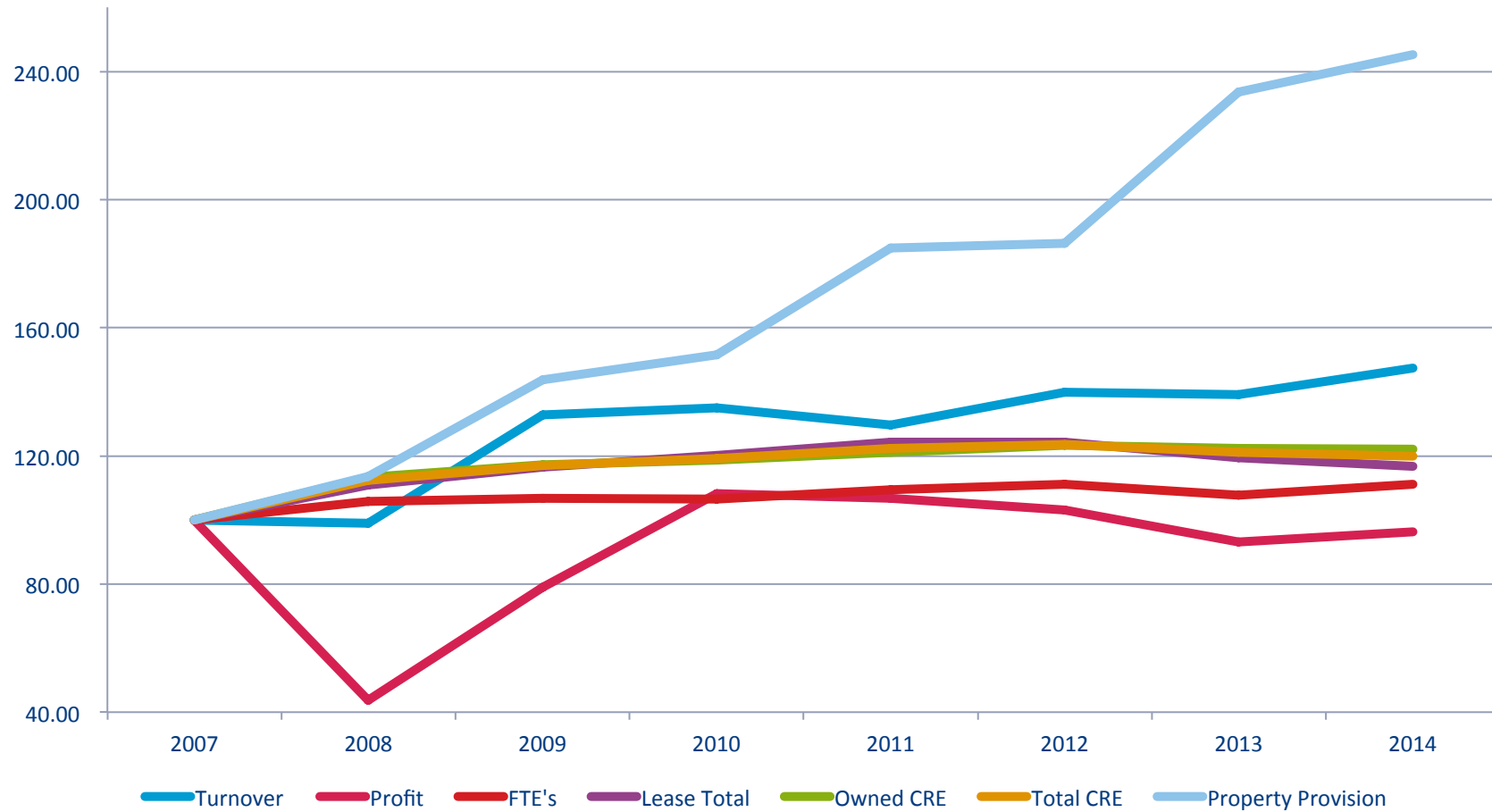
- Accounts 230 companies in the FTSE350 (2007 to 2014) analysed.
- Financial and CRE data extracted and grouped –
 - Offices
 - Manufacturing
 - Miscellaneous
 - Retail
 - All Companies.
- Descriptive analysis of sectors to provide overview
- Distributed time lagged auto regression model:
 - 1 year lag
 - Stepwise adding in of independent variables
 - 95% confidence limits

MEAN VALUES PER COMPANY

MEASURE	VALUE	CHANGE 2007 - 2014	MEASURE	VALUE	CHANGE 2007 - 2014
ALL COMPANIES	230 Companies				
Turnover	£5,522m	47%	Freehold Value	£797m	22%
Profit	£475m	-4%	Property Provision	£17m	145%
FTE's	27,842	11%	Lease Total	£544m	17%
OFFICES	108 Companies: Finance (39); Construction (15); Professional & Support Services (29); Technology, Media & Telecommunications (25)				
Turnover	£5,575m	34%	Freehold Value	£177m	-4%
Profit	£486m	-12%	Property Provision	£25m	150%
FTE's	30,944	11%	Lease Total	£420m	4%
MANUFACTURING	54 Companies: Consumer Goods (15); Engineering (26); Industrials (13)				
Turnover	£3,730m	48%	Freehold Value	£1,666m	28%
Profit	£514m	51%	Property Provision	£3m	200%
FTE's	18,768	8%	Lease Total	£189m	41%
MISCELLANEOUS	45 Companies: Health (12); Leisure (8); Transport (8); Utilities (7)				
Turnover	£6,579m	95%	Freehold Value	£687m	9%
Profit	£465m	-28%	Property Provision	£6m	133%
FTE's	22,755	13%	Lease Total	£354m	18%
RETAIL	23 Companies				
Turnover	£7,417 m	36%	Freehold Value	£1,888m	39%
Profit	£345.m	-1%	Property Provision	£40m	135%
FTE's	45,268	13%	Lease Total	£2,330	26%

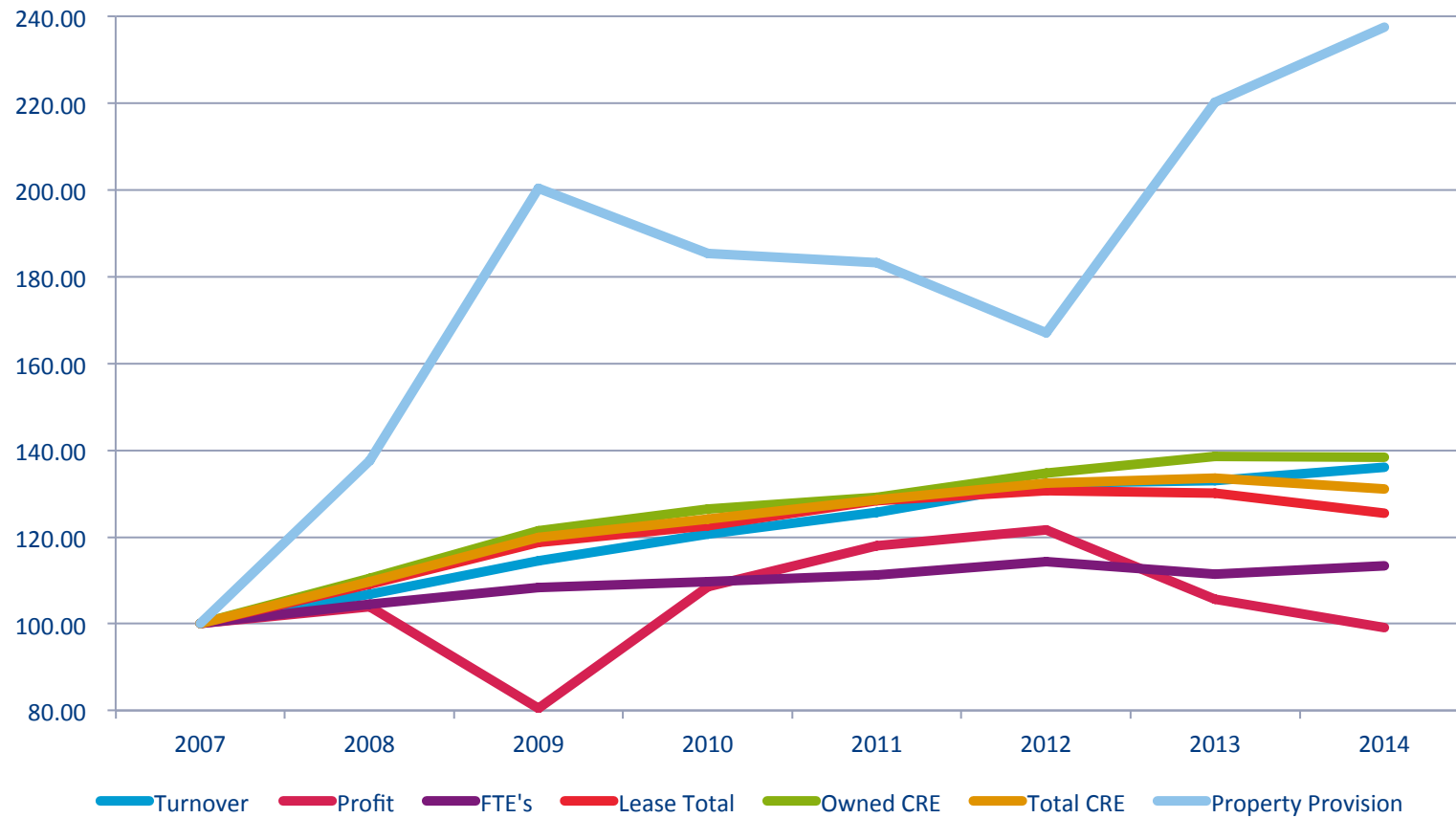
PROFILE

ALL COMPANIES



PROFILE

RETAIL

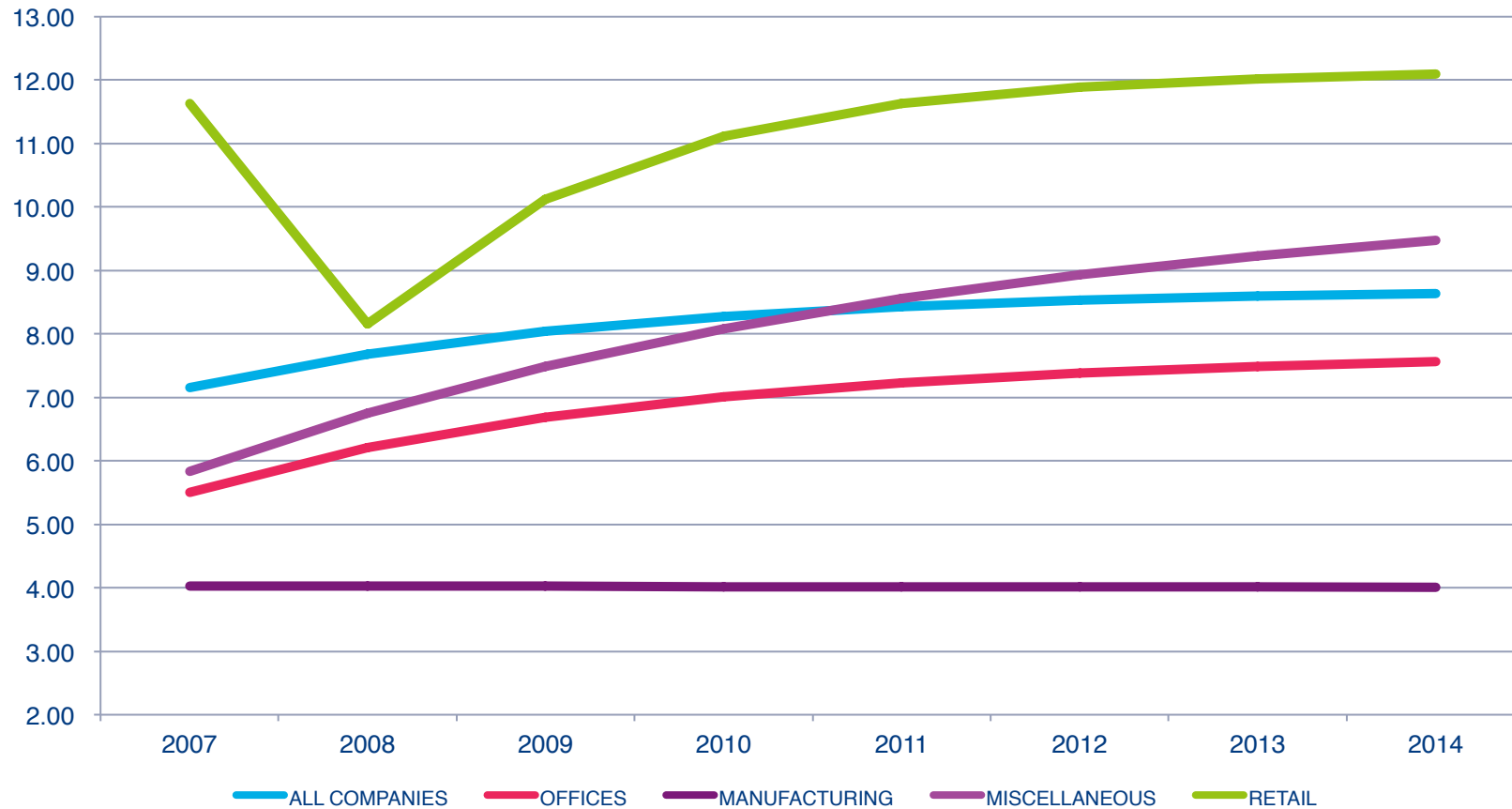


H1: REGRESSION ANALYSIS: LEASES OVER 5 YEARS WILL FALL

RETAIL - AVERAGE LEASE TERM OVER 5 YEARS	Estimate (Unstandardized Beta)	t-value	p-value	R²	Adju. R²	Sig. F Change
				0.731	0.728	0.035
(Constant)	5.960	7.971	-0.0			
Previous Lease Term Over 5 Years	0.510	20.717	0.0			
Dummy2	-3.738	-2.123	0.035			
RETAIL - OWNED CRE				0.995	0.995	0.0
(Constant)	10.370	0.402	0.688			
Previous Year Owned CRE	1.039	183.594	0.0			
RETAIL - TOTAL CRE COST				0.992	0.992	0.0
(Constant)	-48.125	-0.802	0.424			
Previous Year Total CRE	1.049	142.609	0.0			

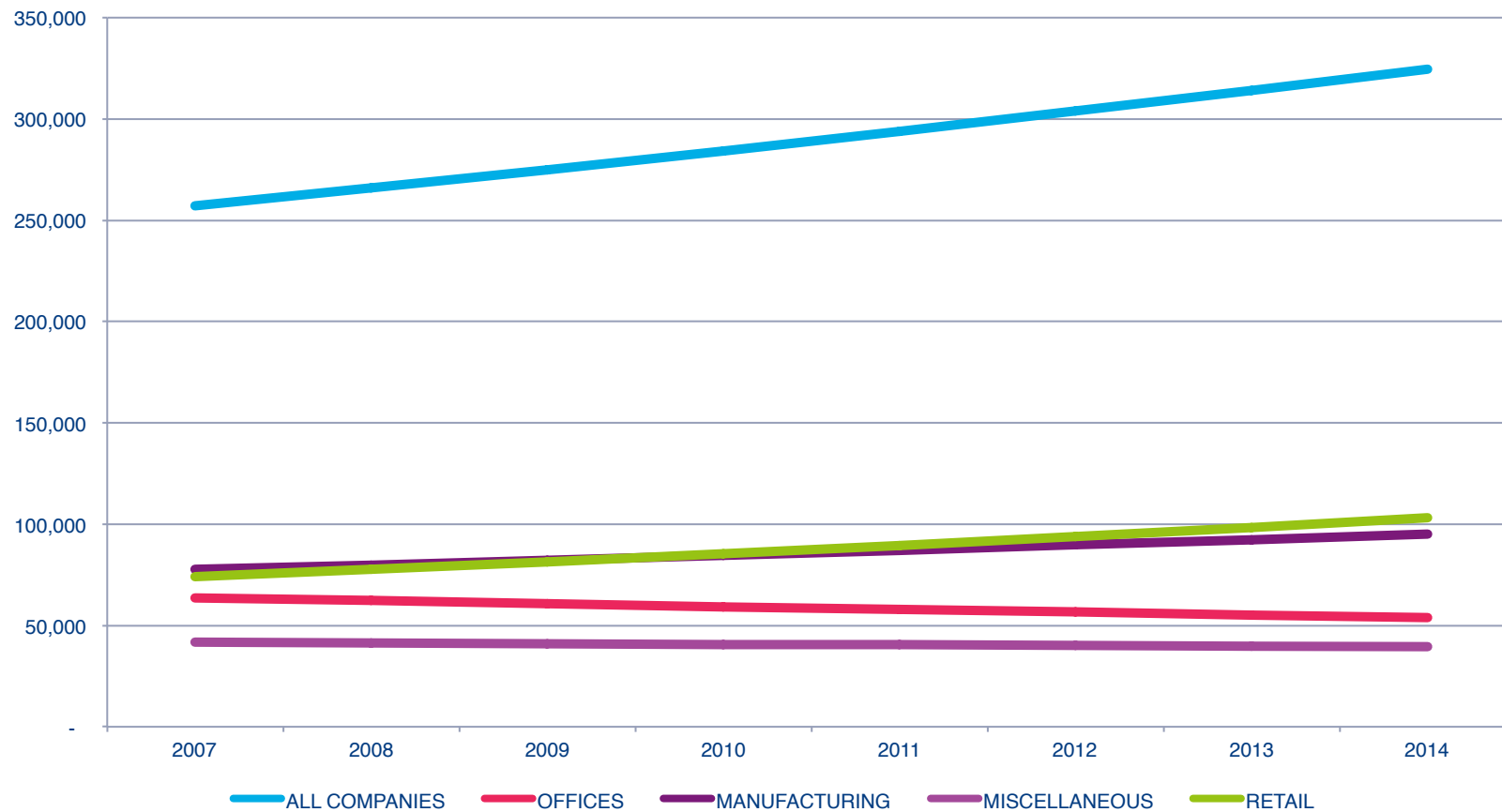
H1: PREDICTED VALUES OF LEASES OVER 5 YEARS WILL FALL

LEASE TERM OVER 5 YEARS



H1: TOTAL CRE COMMITMENT WILL FALL

TOTAL CRE COST



H1: CRE DECLINES OVER TIME

- Length of leases over 5 years increasing
- Ownership increasing, bar Offices and Miscellaneous
- Total costs of CRE increasing, bar Offices and Miscellaneous

Increase in ownership arguably providing a more flexible portfolio.

Increase in lease length is not providing more flexibility

H2: CRE FALLS AS TURNOVER/PROFIT INCREASE/DECLINE

Positive Coefficient Independent Variables

- Previous Year's Profit – All Companies; Offices; Manufacturing & Retail
- Profit – Miscellaneous & Retail
- Turnover – Offices & Manufacturing

Negative Coefficient Independent Variables

- Previous Years Turnover – All Companies; Offices & Manufacturing
- Profit – Manufacturing

Hypothesis broadly proven

RETAIL - TOTAL CRE COST v PROFIT & TURNOVER & PROFIT MARGIN and TOTAL CRE COST v FTE	Estimate (Unstandardized Beta)	t-value	p-value	R ²	Adju. R ²	Sig. F Change
				0.996	0.996	0.038
(Constant)	104.666	1.308	0.193			
Previous Year Total CRE	0.892	57.656	0.0			
Profit	1.264	5.918	0.0			
Profit Margin	-2,744.11	-3.496	0.001			
Dummy2	241.589	2.126	0.035			
Previous Year Profit	0.459	2.093	0.038			

H3: CRE FALLS/INCREASES WITH DECLINE/INCREASE IN FTE NUMBERS

- Absolute Change in CRE cost per FTE: Offices -9%, Miscellaneous -0.6%, All Companies +8%, Manufacturing +20%, Retail +16%
- Positive coefficient FTE numbers with Total CRE Costs for All Companies & Manufacturing. Negative for Previous Year FTE Numbers

H3: CRE LEASE COSTS DECLINE OVER TIME RELATIVE TO FTE NUMBERS

- Positive for FTE – All Companies, Manufacturing & Retail
- Negative for Previous Years FTE – All Companies, Manufacturing & Retail

Business increases space as it takes on people

Business is not reducing lease costs needs relative to FTE numbers

RETAIL - LEASE TOTAL v FTE	Estimate (Unstandardized Beta)	t-value	p-value	R ²	Adju. R ²	Sig. F Change
				0.992	0.992	0.013
(Constant)	-1.159	-0.038	0.970			
Previous Year Lease Total	0.958	65.691	0.0			
FTE	0.054	8.176	0.0			
Previous Year FTE	-0.051	-7.345	0.0			
Dummy7	-172.074	-2.523	0.013			

CONCLUSION

- Evidence of improved portfolio flexibility and capability for *Dynamic Alignment* is limited
 - Only evident through increase in ownership
 - Lease increases reducing flexibility
- Relationships between variables not straight forward
- More consistency appears to exist across Manufacturing & Retail
- Further Work:
 - More granular analysis – business sectors, but sample size issue
 - Bring in other independent variables

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