



Group Meeting

Wenwei PENG

Literature
review on Son
preference

Prof. He's finding about
water pollution and
infant health

Fertility Theory
missing women

Great Famine and Son
Preference, Mu &
Zhang (2011)

Comparing two
housing dataset

Literature review on Son preference and Housing Dataset Introduction

Wenwei PENG

Sept. 29th, 2017



Housing DataSet

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Comparing two
housing dataset

- Two dataset on housing transactions :
 - One is collected from 28hse.com, covering from 1996 to 2017, Number of obs is 1.96 million , contains : the transaction date、 floor number、 room number, gross floor area, the price, the type of the contract, and the address of the estate (can be used for geocoding)
 - Other is from (Economic Property Research Center (EPRC)), covering the time period from 1991 to 2011, about 2 million obs (including advance sales), variables we have: building age, the building name, estate name, floor number, gross floor area, price, street address, and the transaction date.



Comparing variables

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	28Hse.com	EPRC
time period	1995-2017	1991-2011
Obs	1,965,813	2,066,761
floor	YES(but not accurate)	YES and accurate
gross floor area	YES	YES
building age	NO	YES
address	YES	YES
price	YES	YES
construction price	YES	NO
Contract type	YES	NO
usable area	YES	YES
transaction date	YES	YES
estate name	YES	YES
Holddate	YES	No



Comparing Number of obs

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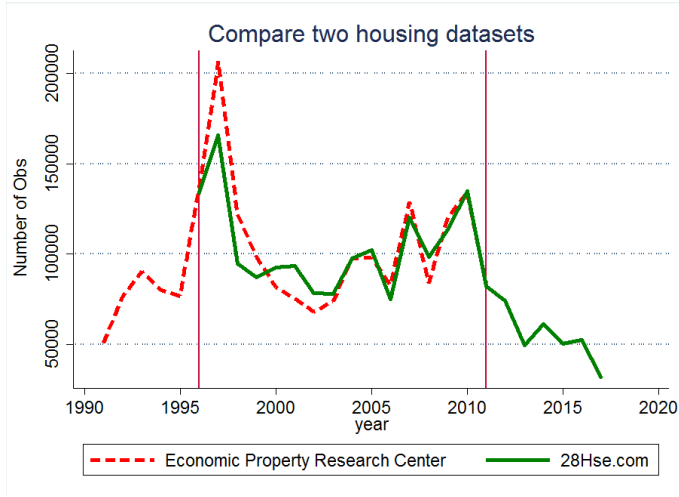


Figure: Number of obs Comparision



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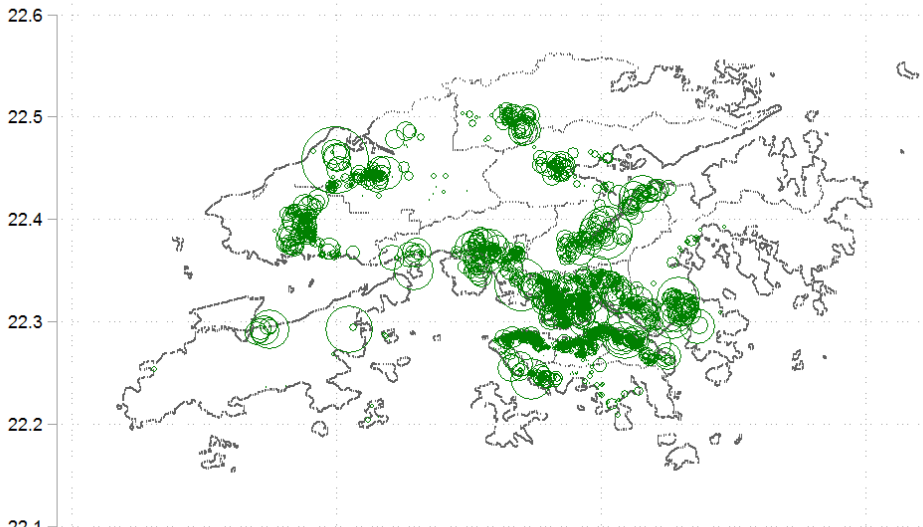
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Comparing two housing dataset

Geographical Distribution of Estates





Housing Data(28Hse.com)

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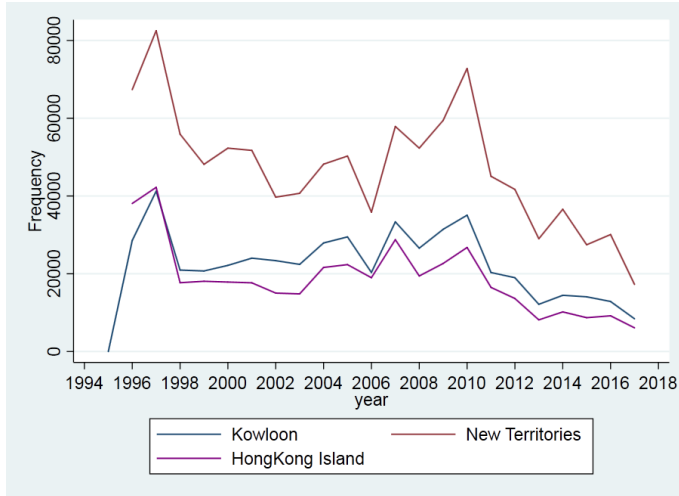


Figure: Transaction Frequency



Floor number (1996-2011)

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28Hse.com

EPRC

floor	Freq.	floor	Freq.
0	5,528	0	21,031
1	44,618	1	67,454
1#	513,094	1#	406,110
2	53,582	2	75,246
2#	337,199	2#	257,154
3	59,575	3	60,914
3#	163,325	3#	121,238
4	50,157	4	51,403
4#	51,266	4#	44,088
5	64,424	5	63,632

28Hse.com

EPRC

floor	Freq.	floor	Freq.
5#	24,861	5#	22,202
6	63,607	6	56,015
6#	8,634	6#	7,654
7	63,902	7	55,978
7#	1,184	7#	1,057
8	64,102	8	54,606
8#	89	8#	69
9	62,468	9	51,482
9#	5	9#	5
1,631,620		1,417,338	



EPRI floor num (1996-2011)

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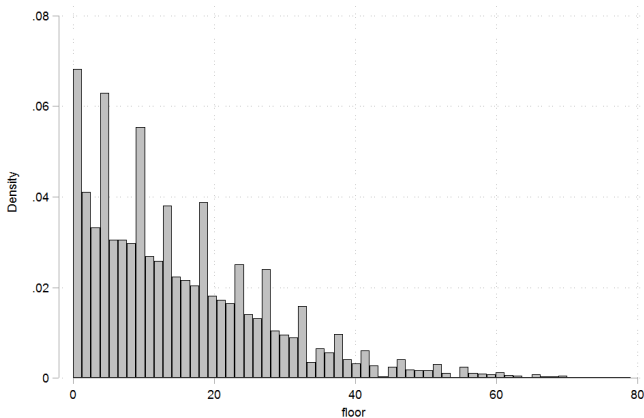


Figure: distribution of floor num in EPRI dataset



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Thank you!