

# Has China crossed the threshold of the Kuznets curve?

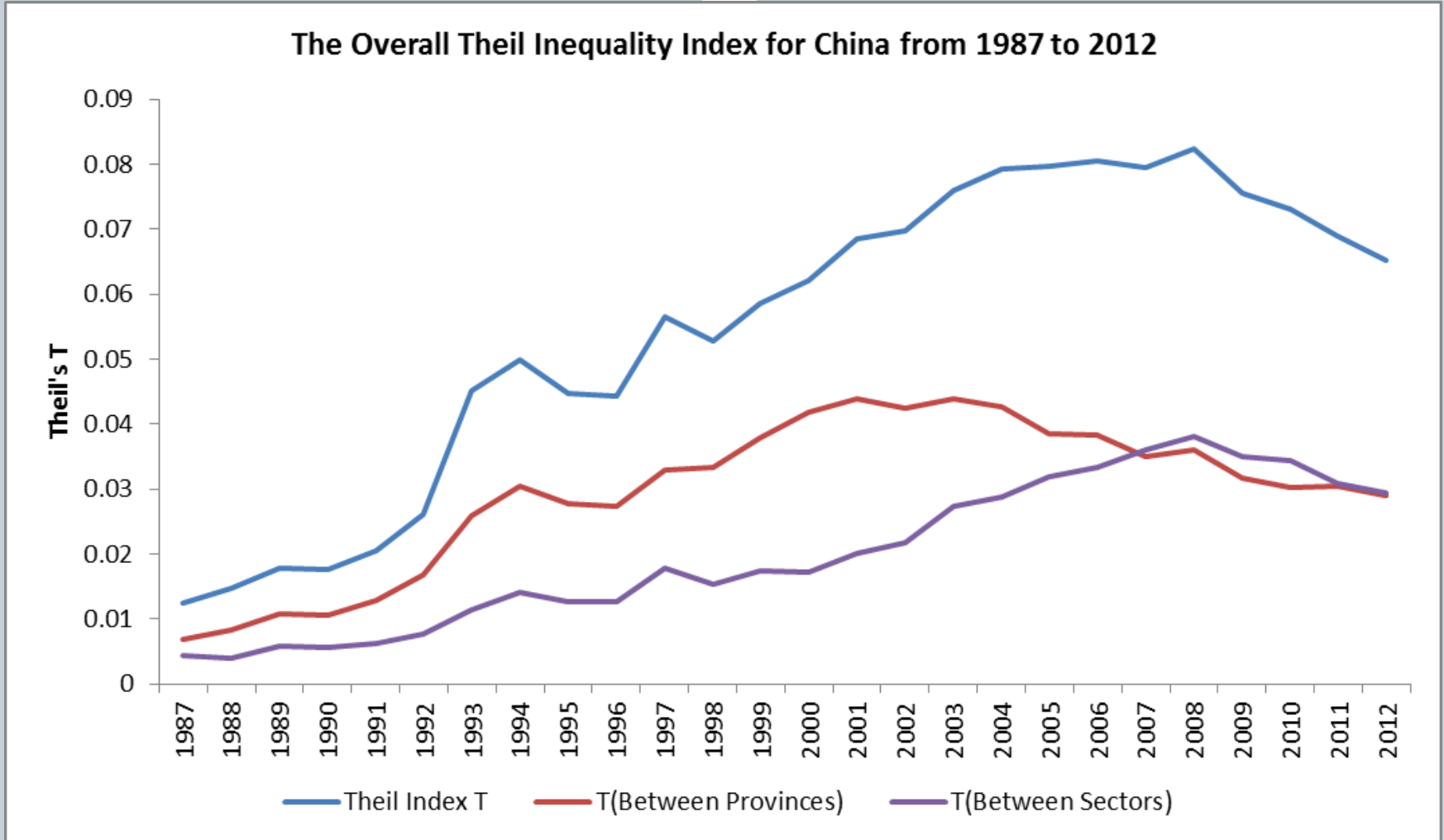
*New measures from 1987 to 2012 show declining pay inequality in China after 2008.*



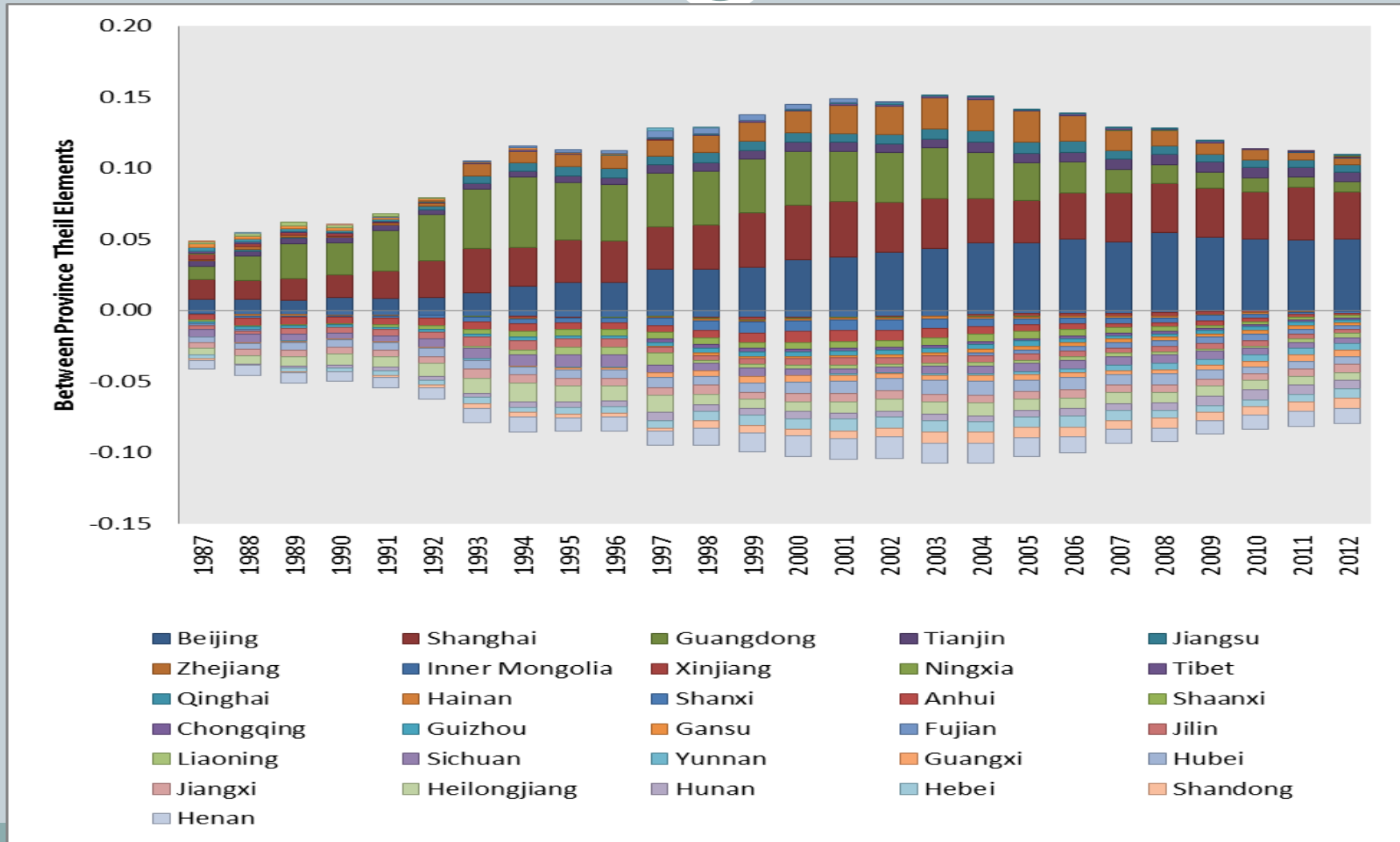
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# Figure 1: The overview of China's pay inequality (1987-2012)



# Figure 2. Contribution of provinces to inter-provincial inequality in China, 1987-2012.





# Figure 4. Contribution of provinces to between-sector inequality, 1987 - 2012

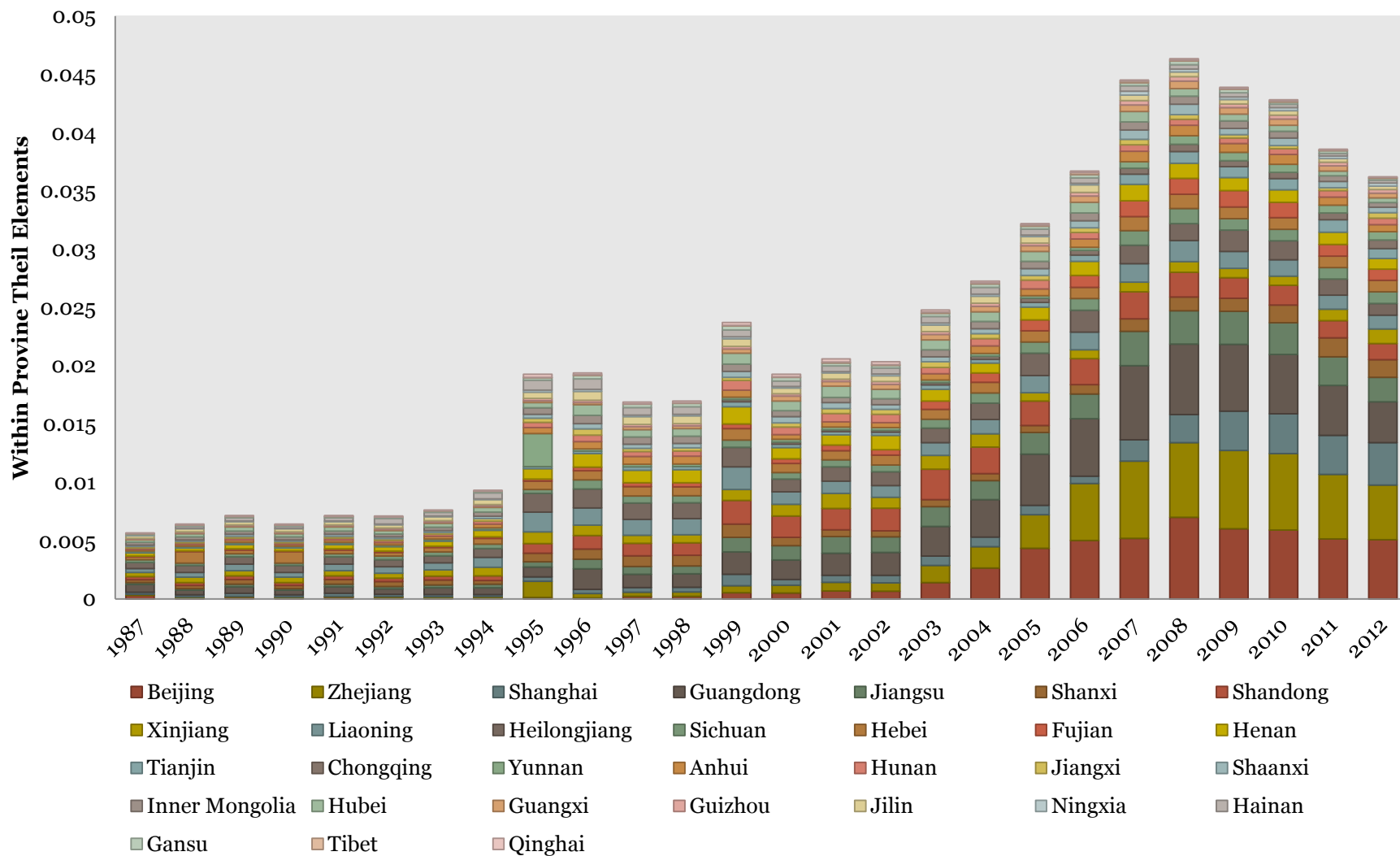
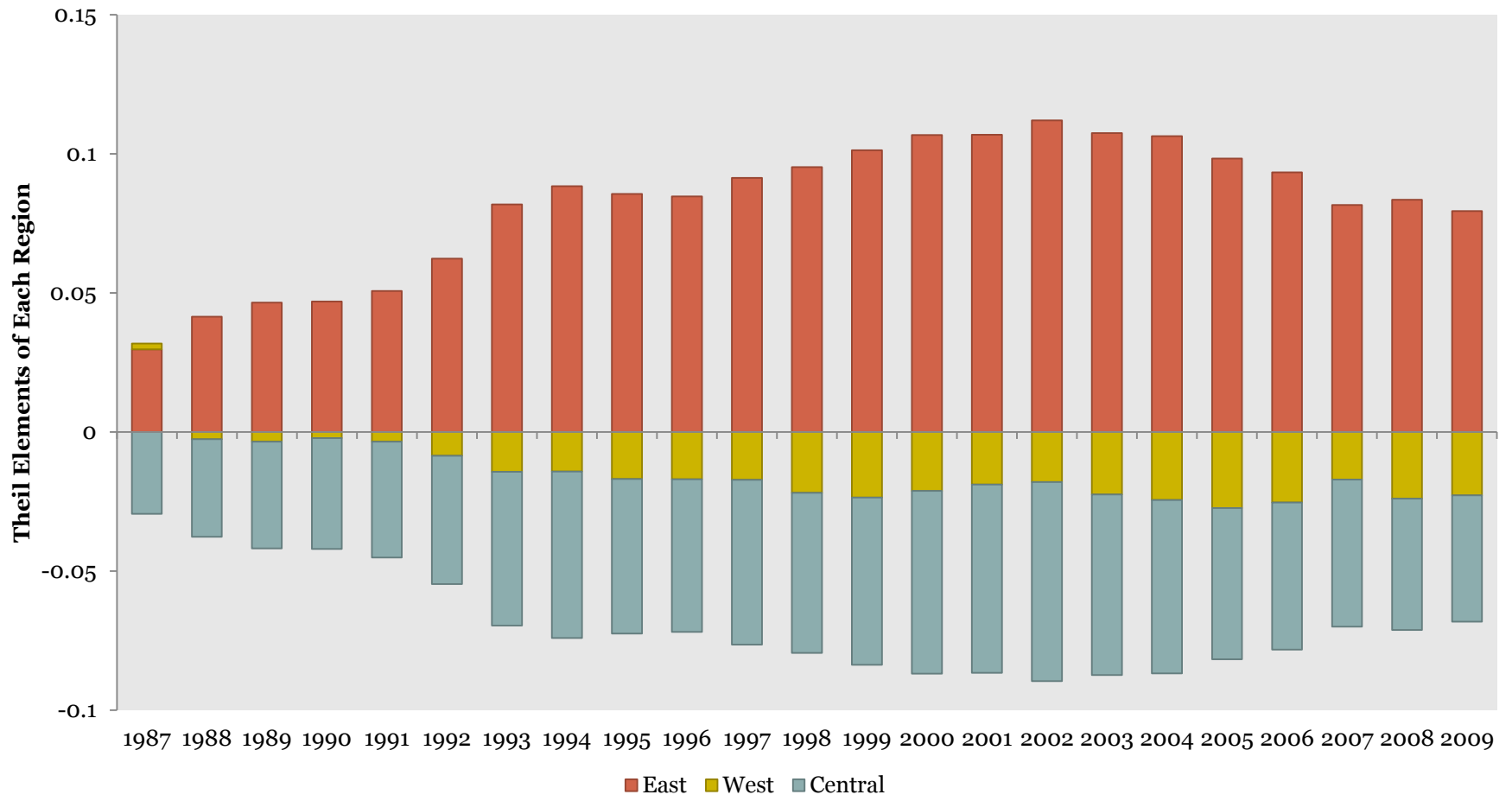


Figure 5. Contribution of East, West and Central to overall inequality



# Figure 6a. Inequality among eastern provinces (1987-2012)



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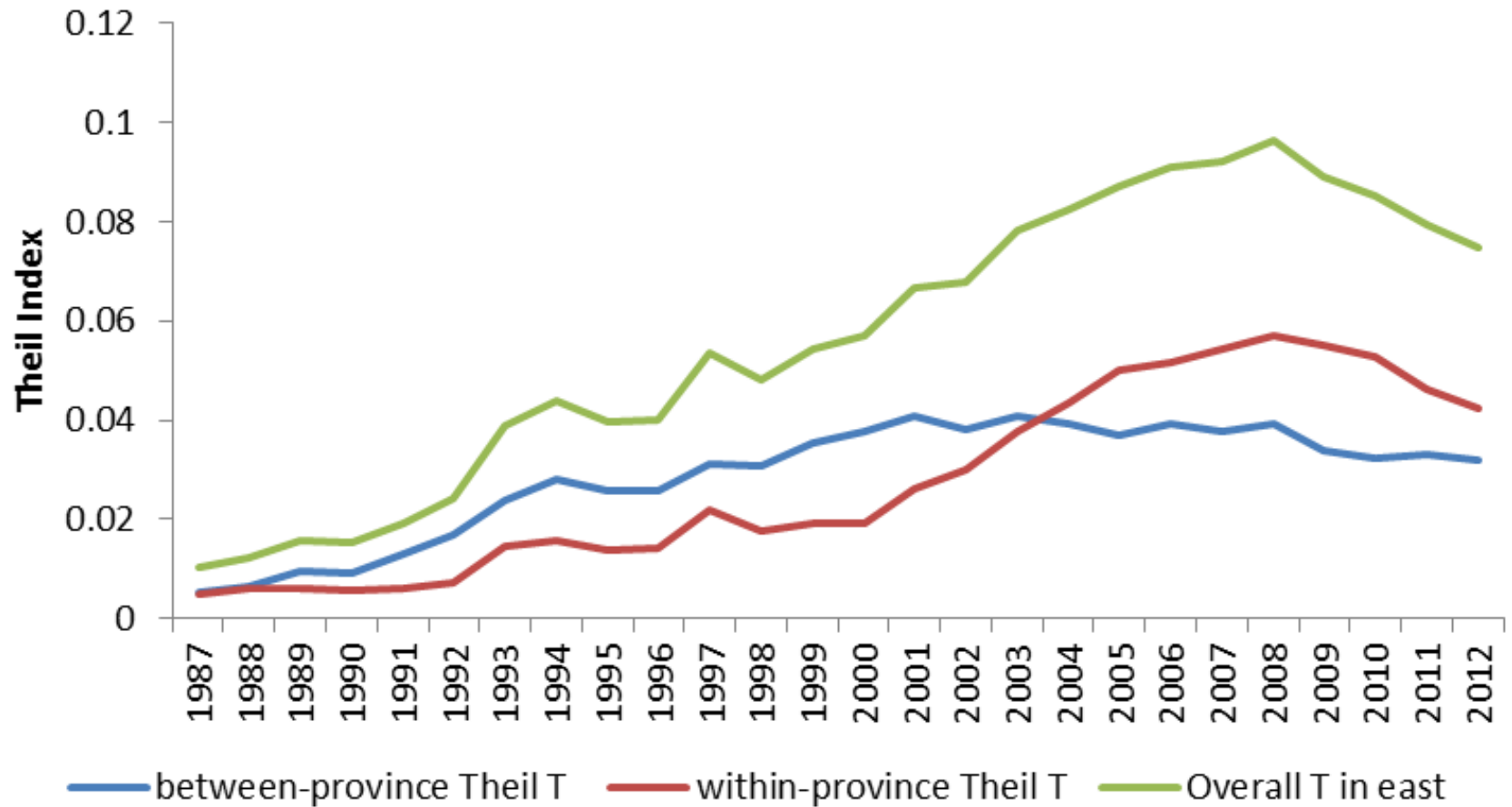
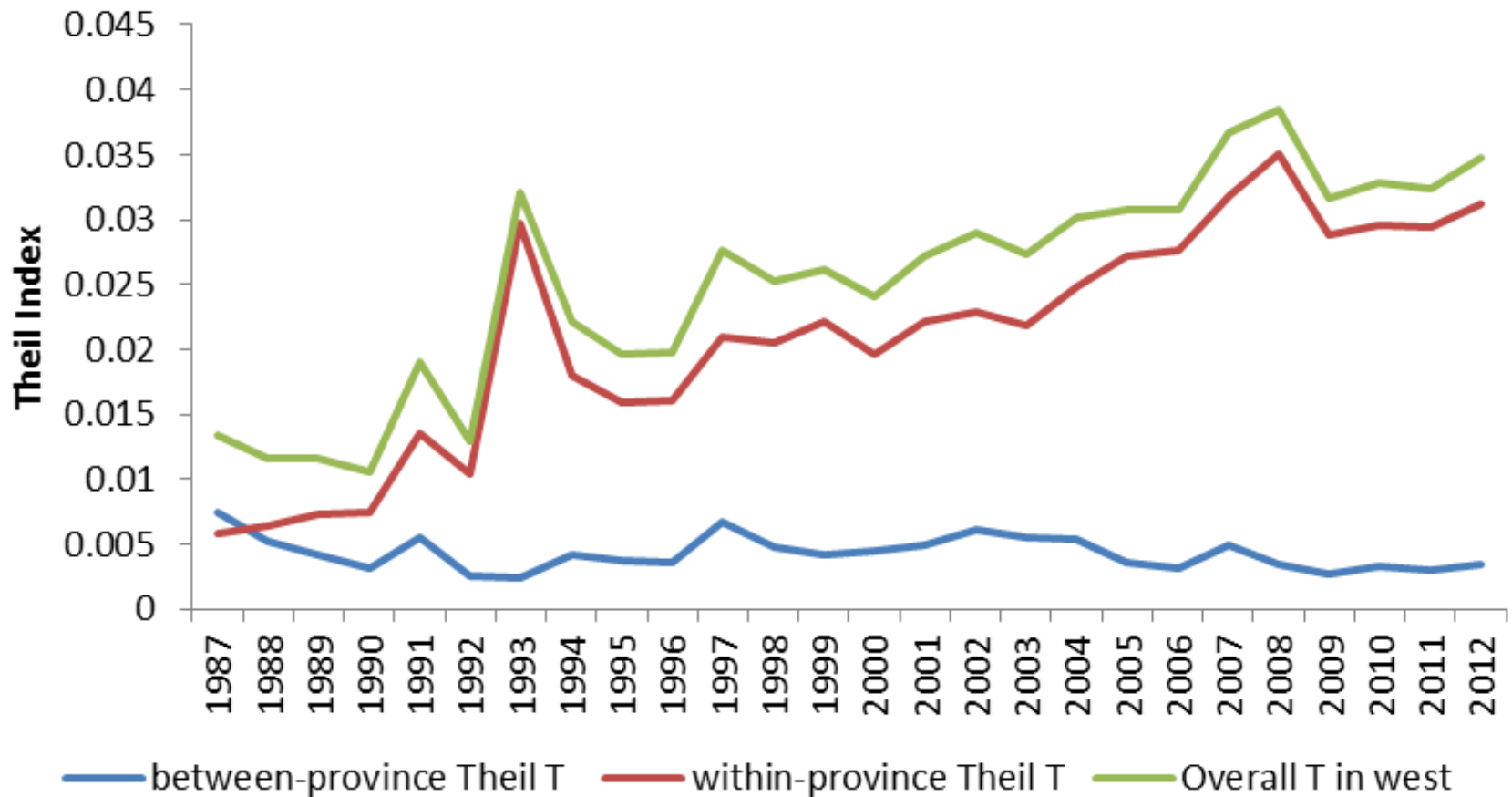


Figure 6b. Inequality among western provinces (1987-2012)



Figure 6b. Inequality among western provinces (1987-2012)





# Figure 6c. Inequality among central regions (1987-2012)



## Figure 6c. Inequality among central regions (1987-2012)

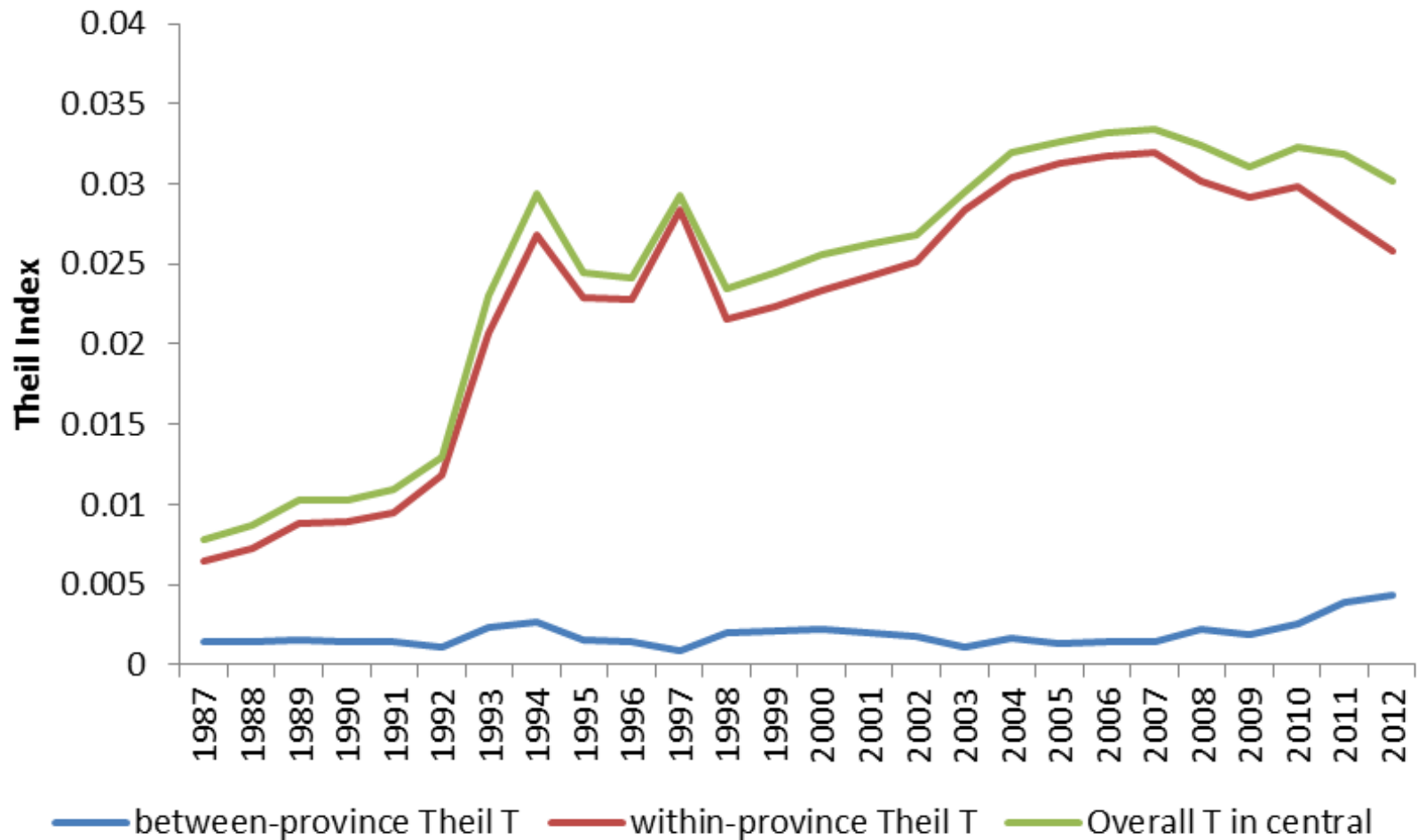
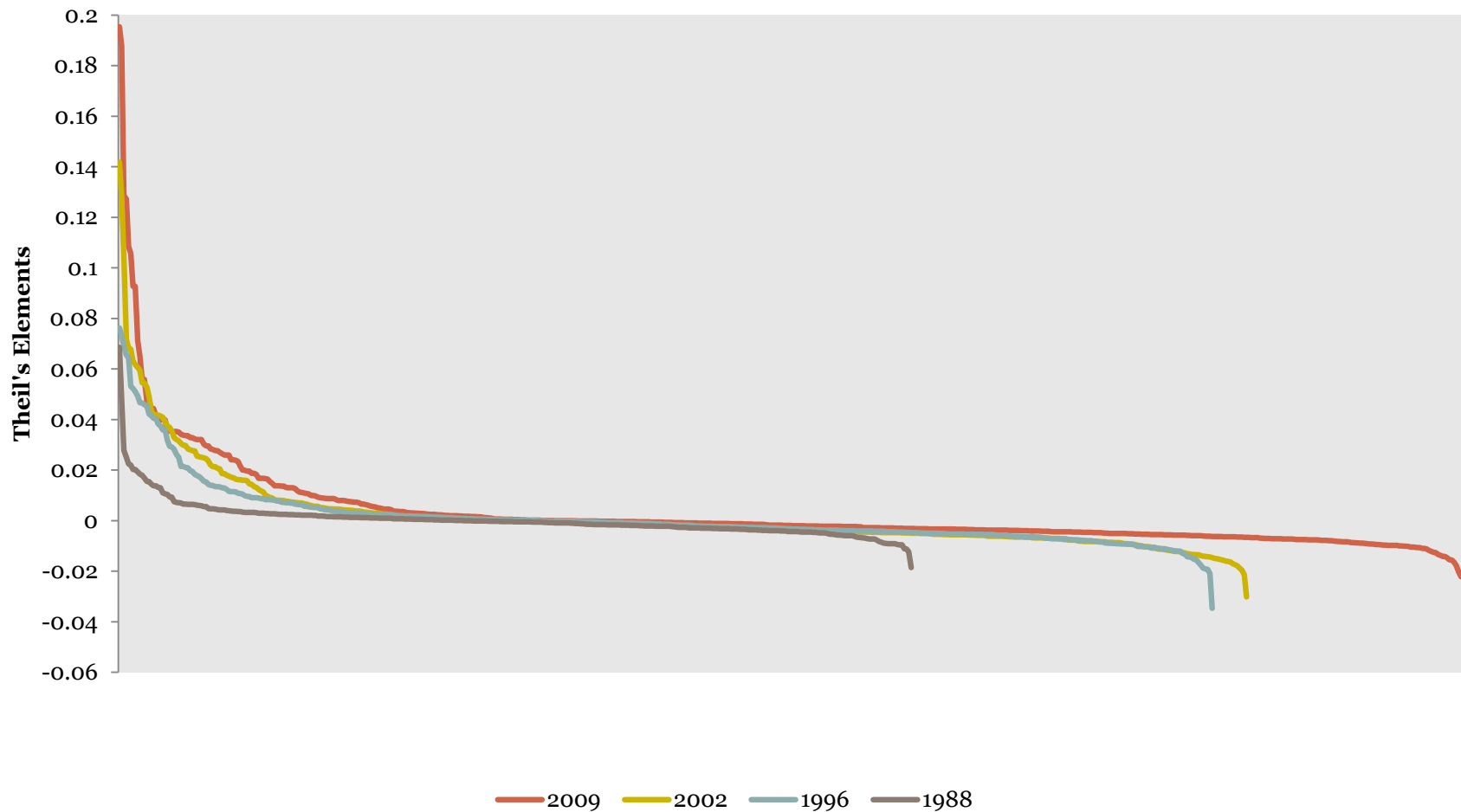


Figure 7. Contribution to inequality (sector-province cells) in 1988, 1996, 2002 and 2009



# Table 1. Province-sector contribution to overall pay inequality (2009 vs. 2002)



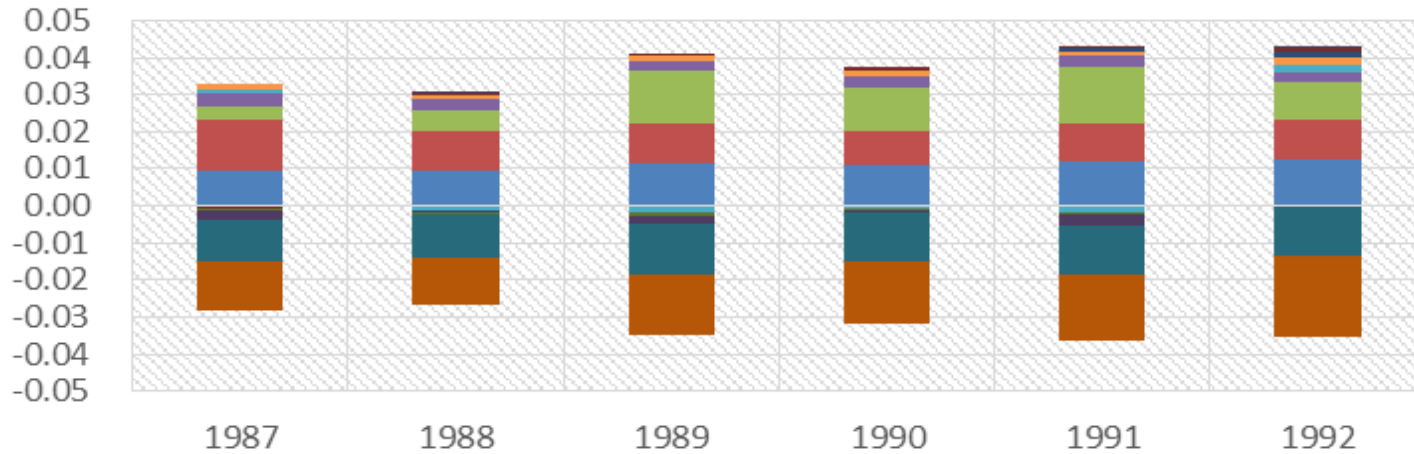
		2009				2002
1	Beijing	Information Transformation, Computer Service	0.19542	Beijing	Other	0.14176
2	Beijing	Leasing and Business Services	0.18779	Beijing	Social Welfare	0.12814
3	Beijing	Wholesale and Retail Trade	0.12867	Beijing	Scientific Research	0.10462
4	Beijing	Culture, Sports and Entertainment	0.12718	Beijing	Wholesale and Retail Trade	0.07189
5	Beijing	Financial and Intermediation	0.10851	Beijing	Real Estate	0.06826
6	Beijing	Scientific Research, Polytechnic Services	0.10561	Beijing	Bank and Insurance	0.06784
7	Heilongjiang	Financial and Intermediation	0.09269	Shanghai	Bank and Insurance	0.06305
8	Shanghai	Financial and Intermediation	0.09268	Shanghai	Wholesale and Retail Trade	0.06174
9	Beijing	Real Estate	0.07114	Shandong	Excavation	0.06057
10	Beijing	Hotel and Restaurant	0.0648	Guangdong	Real Estate	0.05945
580	Zhejiang	Leasing and Business Services	-0.01375	Henan	Real Estate	-0.01605
581	Henan	Culture, Sports and Entertainment	-0.01416	Shandong	Wholesale and Retail Trade	-0.01619
582	Henan	Financial and Intermediation	-0.01418	Hubei	Farming	-0.01636
583	Shandong	Financial and Intermediation	-0.01474	Henan	Construction	-0.01701
584	Hebei	Financial and Intermediation	-0.01553	Shandong	Manufacturing	-0.01745
585	Henan	Public Management and Social Organization	-0.01561	Henan	Healthcare	-0.01786
586	Tianjin	Services to Household and other Services	-0.01643	Henan	Education	-0.01875
587	Shandong	Wholesale and Retail Trade	-0.01784	Henan	Government	-0.01958
588	Henan	Wholesale and Retail Trade	-0.02021	Henan	Wholesale and Retail Trade	-0.02145
589	Liaoning	Farming Forestry Animal Husbandry Fishery	-0.02219	Heilongjiang	Excavation	-0.03016

Table 2. Province-sector contribution to overall wage inequality (1996 vs. 1988)



	1996			1988		
1	Guangdong	Bank and Insurance	0.07623	<u>Hebei</u>	Farming	0.06857
2	Shanghai	Bank and Insurance	0.07312	Guangdong	Real Estate	0.04781
3	Guangdong	SW	0.06883	Guangdong	Wholesale and Retail Trade	0.02782
4	Shanghai	Others	0.06555	Shanxi	Real Estate	0.02505
5	Beijing	Social welfare	0.06455	Xinjiang	Mining	0.02240
6	Shanghai	Wholesale and Retail Trade	0.05313	Guangdong	Finance	0.02202
7	Guangdong	Real Estate	0.05222	Beijing	Real Estate	0.02026
8	Guangdong	Wholesale and Retail Trade	0.05098	Guangdong	Transportation	0.02022
9	Beijing	Bank and Insurance	0.04927	Shanghai	Transportation	0.01928
10	Shanghai	Social Welfare	0.04661	Shanghai	Wholesale and Retail Trade	0.01837
471	Heilongjiang	Bank and Insurance	-0.01465	<u>Guizhou</u>	Real Estate	-0.00916
472	Sichuan	Electric Power	-0.01528	Heilongjiang	Real Estate	-0.00917
473	Sichuan	Transportation	-0.01546	Heilongjiang	Wholesale and Retail Trade	-0.00918
474	Henan	Others	-0.01664	Hubei	Farming	-0.00942
475	Heilongjiang	Social Welfare	-0.01759	Sichuan	Farming	-0.00954
476	Henan	Wholesale and retail trade	-0.01878	<u>Guizhou</u>	Education	-0.00960
477	Liaoning	Bank and Insurance	-0.01912	<u>Guizhou</u>	Transportation	-0.01111
478	Shandong	Others	-0.01928	Henan	Healthcare	-0.01124
479	Heilongjiang	Farming	-0.02092	Henan	Wholesale and retail trade	-0.01233
480	Heilongjiang	Others	-0.03470	Heilongjiang	Farming	-0.01855

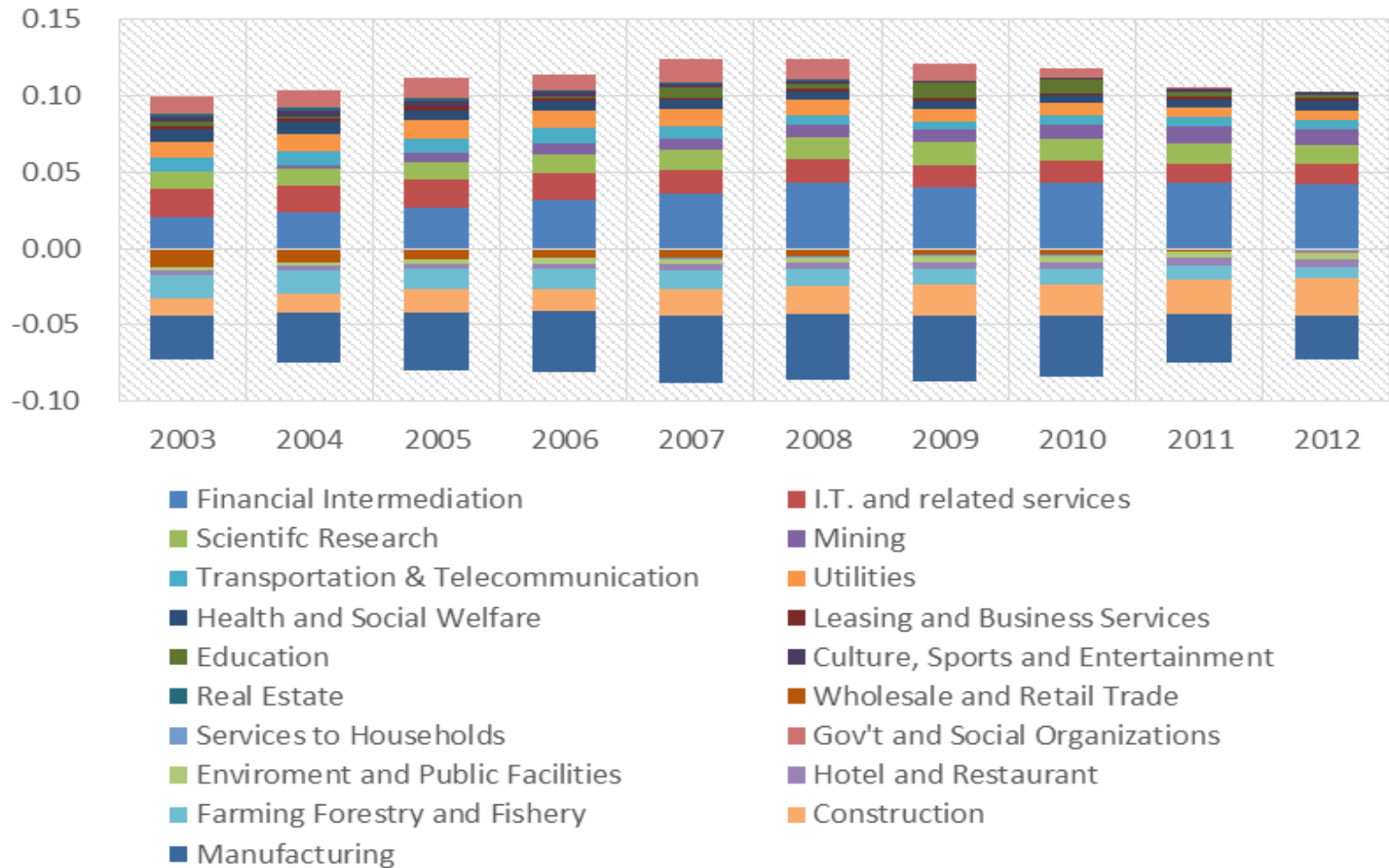
# Figure 8. Theil Elements for Sectors in China from 1987-1992



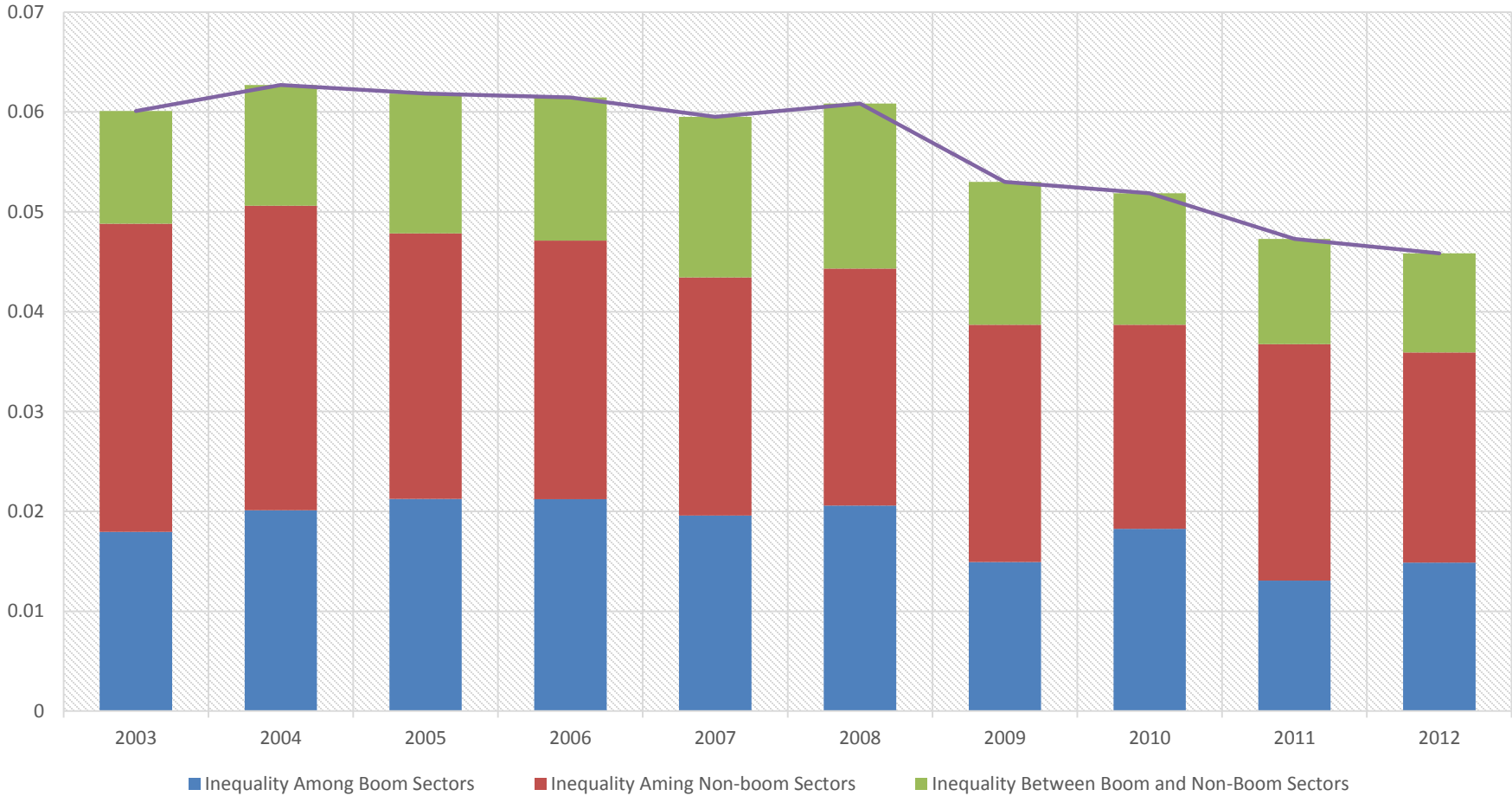
- Transportation & Telecommunication
  - Manufacturing
  - Gov't & Social Organizations
  - Real Estate Social Services
  - Finance and Insurance
  - Farming Forestry Fishery Utility
- Construction
  - Mining and Quarrying
  - Scientific Research
  - Health, Sports & Social Welfare
  - Education, Culture and Entertainment
  - Wholesale & Retail Trade & Catering



# Figure 10. Their Elements for Sectors in China from 2003-2012



# Figure 11. Inequality between and within Boom and Non-Boom Sectors





Comments