The preliminary picture from the database: ESA 2010, back-casting and imputation

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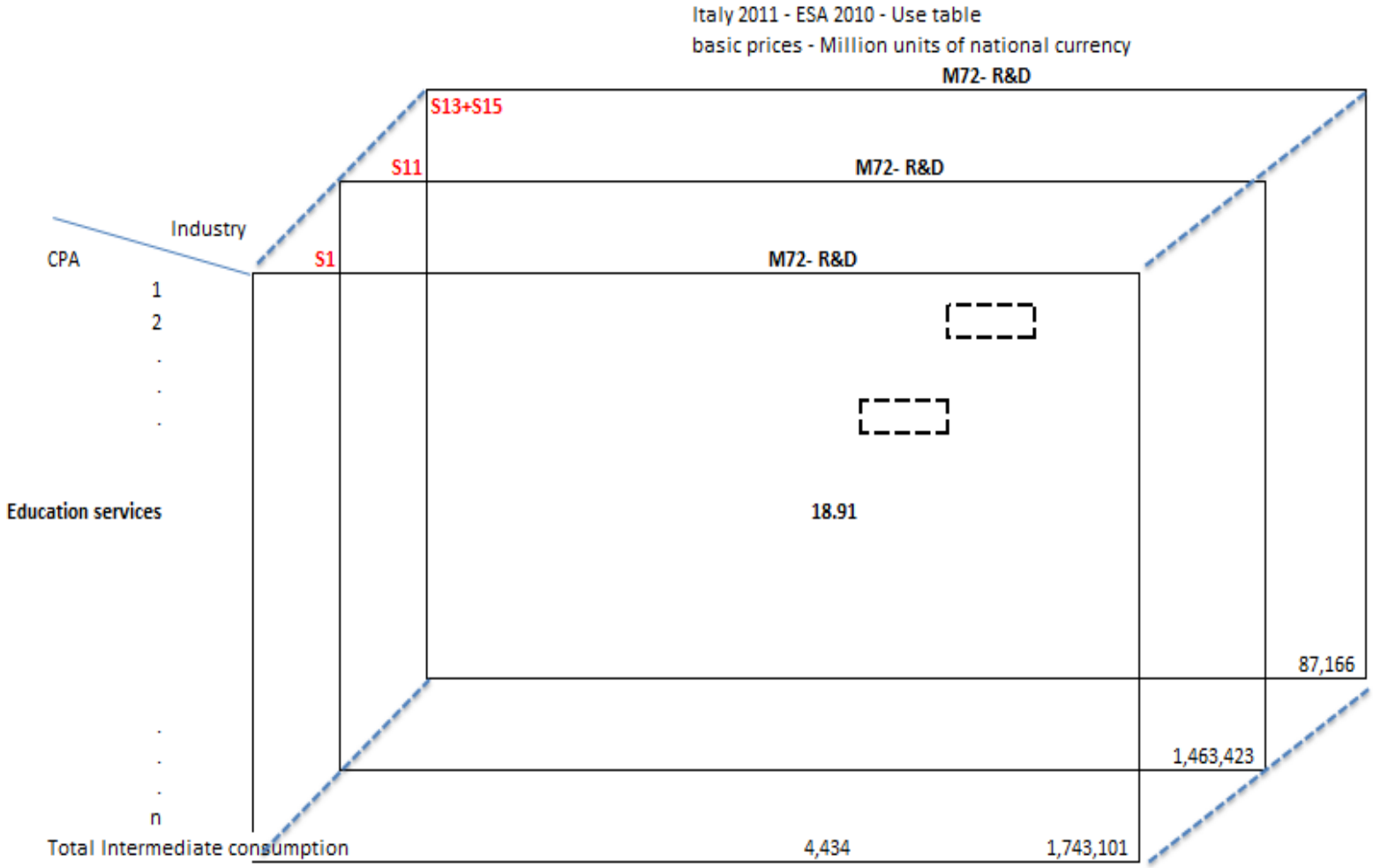
Content

- Methods for back-casting ESA 2010 Use tables
  wiod method and shares based method
- Approximation quality checks using Czech Republic data
- Sensitivity analysis for 7 countries
- Data availability: state of art and next steps

Data problem: ESA 2010, use 2010-11, nace 2, CPA 2008.



Wiod method

- back-casting procedure based on the NACE Rev. 1.1 period 1995-2009; source USE tables gathered from the WIOD database

Main points:

- products - CPA 2002 vs CPA 2008 classifications
- Industry - NACE Rev. 1.1 vs Rev. 2

Growth rate calculated on WIOD use table is then applied retropolating the first year available from template

Shares based method

Approach 1 *(AT).* Data requirement:

- **Use table** for **non-market sector (S13&S15)** for **1-2 years**
- **IC (intermediate consumption) S13&S15** for **total CPAs for SPINTAN industries,** 1995-2013

Approach 2 *(SK, SI)* (ESA 2010 or ESA 95). Data reqirement:

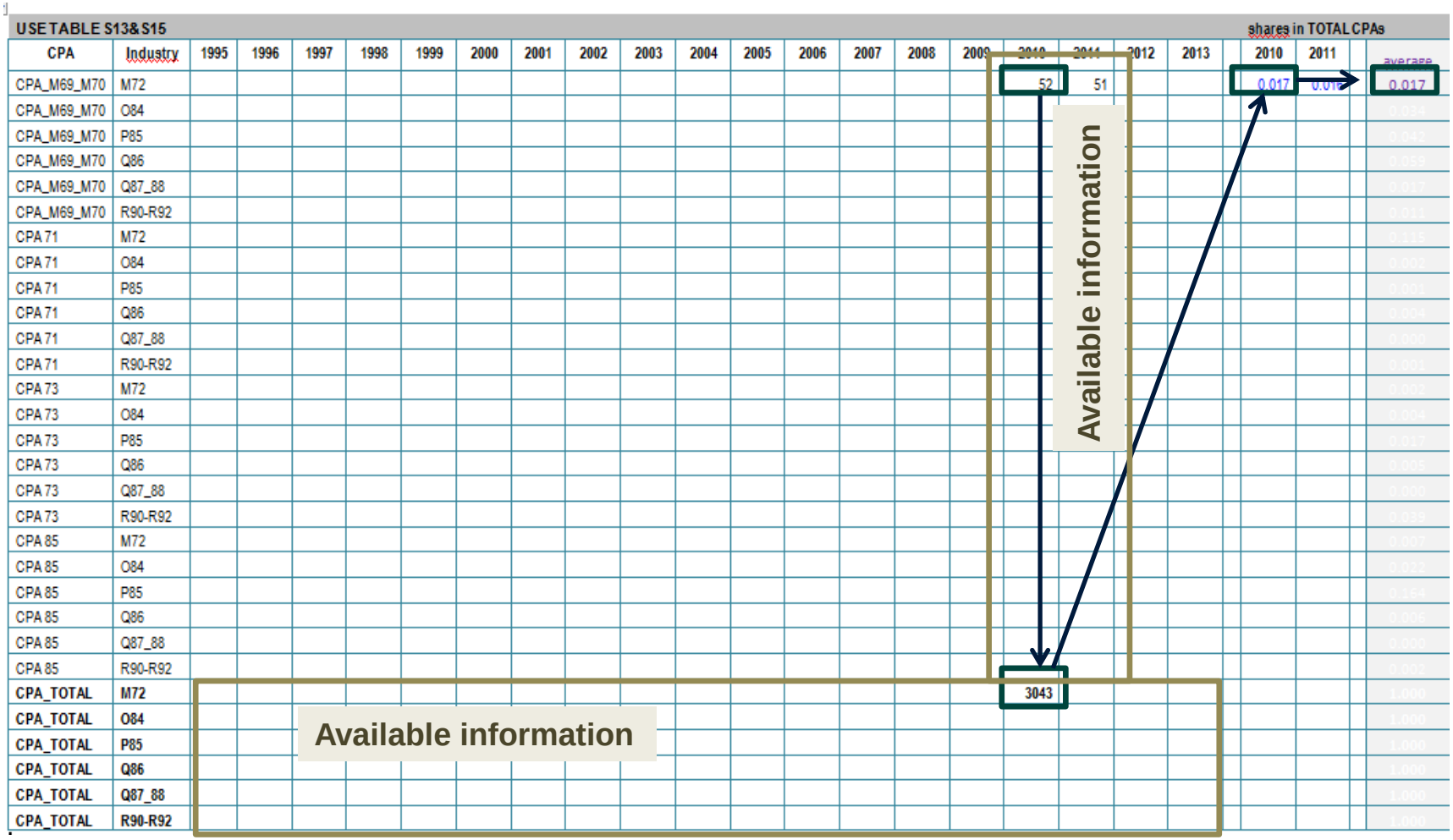
- **Use table** for **total economy (S1)** for **1-2 years**
- Shares for **non-market IC (S13&S15)** in total economy IC for **total CPAs for SPINTAN industries,** 1995-2013 (based on ESA 2010 or ESA 95 data)

Approach 3 *(RO and most of other countries).* Data requirement:

- **Use table** for **total economy** for **1-2 years**
- Shares for **non-market output** in total output **for SPINTAN industries** (based on Supply table ESA 2010 or ESA 95 data)

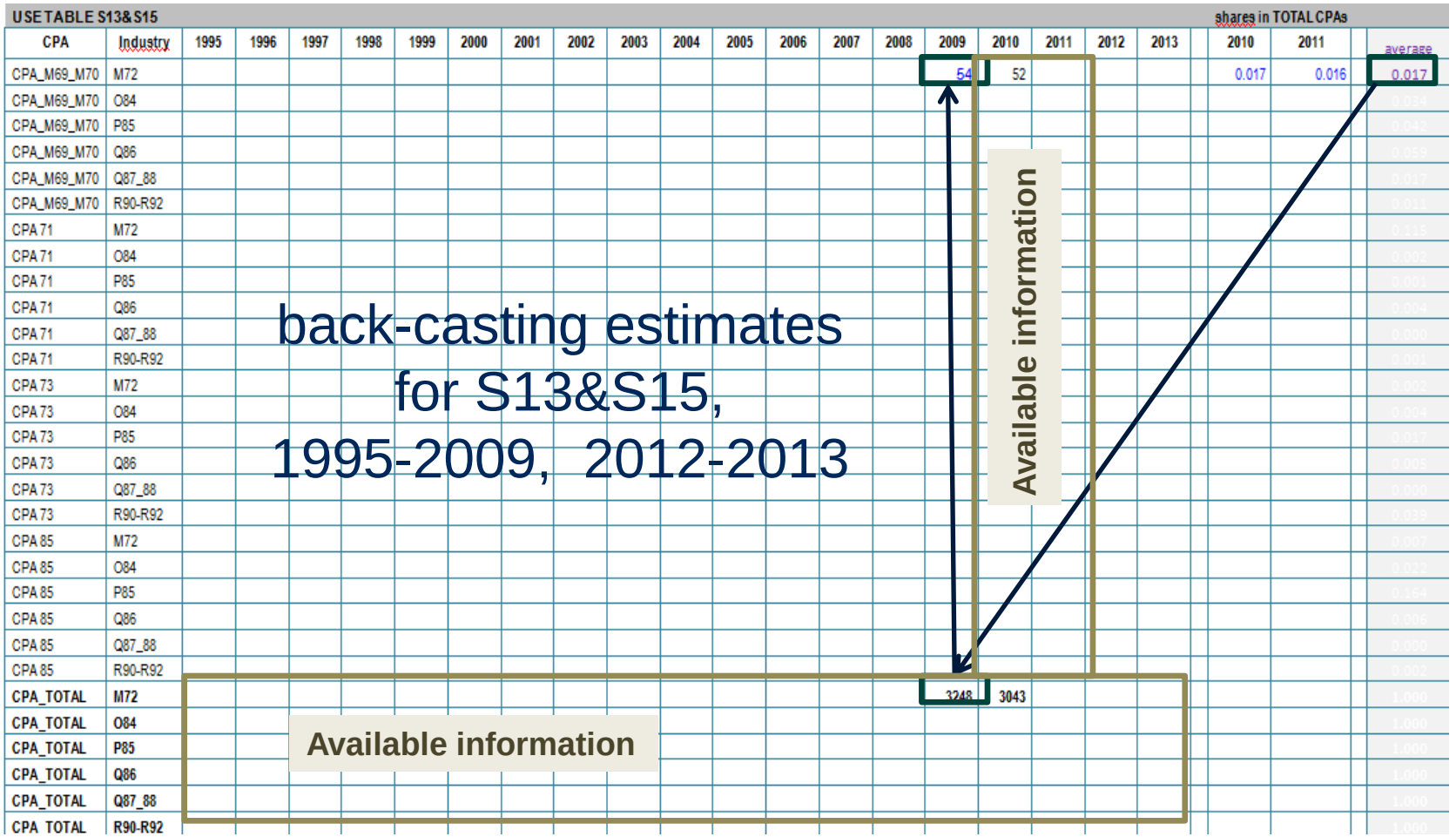
Back-casting ESA10 Use tables

Approach 1. Use table for S13&S15 estimates. Step 1



Back-casting ESA10 Use tables

Approach 1. Use table for S13&S15 estimates. Step 2



Back-casting ESA10 Use tables

Approach 2. Use table for S1 estimates. Step 1

USE TABLE S1																					shares in TOTAL CPAs		
CPA	Industry	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2010	2011	average
CPA_M69_M70	M72																129	150			0.017	0.015	0.016
CPA_M69_M70	O84																						
CPA_M69_M70	P85																						
CPA_M69_M70	Q86																						
CPA_M69_M70	Q87_88																						
CPA_M69_M70	R90-R92																						
CPA 71	M72																						
CPA 71	O84																						
CPA 71	P85																						
CPA 71	Q86																						
CPA 71	Q87_88																						
CPA 71	R90-R92																						
CPA 73	M72																						
CPA 73	O84																						
CPA 73	P85																						
CPA 73	Q86																						
CPA 73	Q87_88																						
CPA 73	R90-R92																						
CPA 85	M72																						
CPA 85	O84																						
CPA 85	P85																						
CPA 85	Q86																						
CPA 85	Q87_88																						
CPA 85	R90-R92																						
CPA_TOTAL	M72																7816						
CPA_TOTAL	O84																						
CPA_TOTAL	P85																						
CPA_TOTAL	Q86																						
CPA_TOTAL	Q87_88																						
CPA_TOTAL	R90-R92																						

Available information

Available information

Back-casting ESA10 Use tables

Approach 2. Use table for S1 estimates. Step 2

USE TABLE S1 — shares in TOTAL CPAs

CPA	Industry	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2010	2011	average
CPA_M69_M70	M72															112	129				0.017	0.015	0.016
CPA_M69_M70	O84																						
CPA_M69_M70	P85																						
CPA_M69_M70	Q86																						
CPA_M69_M70	Q87_88																						
CPA_M69_M70	R90-R92																						
CPA 71	M72																						
CPA 71	O84																						
CPA 71	P85																						
CPA 71	Q86																						
CPA 71	Q87_88																						
CPA 71	R90-R92																						
CPA 73	M72																						
CPA 73	O84																						
CPA 73	P85																						
CPA 73	Q86																						
CPA 73	Q87_88																						
CPA 73	R90-R92																						
CPA 85	M72																						
CPA 85	O84																						
CPA 85	P85																						
CPA 85	Q86																						
CPA 85	Q87_88																						
CPA 85	R90-R92																						
CPA_TOTAL	M72															7130	7816						
CPA_TOTAL	O84																						
CPA_TOTAL	P85																						
CPA_TOTAL	Q86																						
CPA_TOTAL	Q87_88																						
CPA_TOTAL	R90-R92																						

back-casting estimates
for S1
1995-2009, 2012-2013

Available information

Available information

Back-casting ESA10 Use tables

Approach 2. Use table for S13&S15 estimates. Step 3

USE TABLE S1

CPA	Industry	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
CPA_M69_M70	M72																			
CPA_M69_M70	O84																			
CPA_M69_M70	P85																			
CPA_M69_M70	Q86																			
CPA_M69_M70	Q87_88																			
CPA_M69_M70	R90-R92																			
CPA 71	M72																			
CPA 71	O84																			
CPA 71	P85																			
CPA 71	Q86																			
CPA 71	Q87_88																			
CPA 71	R90-R92																			
CPA 73	M72																			
CPA 73	O84																			
CPA 73	P85																			
CPA 73	Q86																			
CPA 73	Q87_88																			
CPA 73	R90-R92																			
CPA 85	M72																			
CPA 85	O84																			
CPA 85	P85																			
CPA 85	Q86																			
CPA 85	Q87_88																			
CPA 85	R90-R92																			
CPA_TOTAL	M72															7130	7816			
CPA_TOTAL	O84																			
CPA_TOTAL	P85																			
CPA_TOTAL	Q86																			
CPA_TOTAL	Q87_88																			
CPA_TOTAL	R90-R92																			

shares in TOTAL CPAs

2010	2011	average
		0.005
		0.018
		0.004
		0.000
		0.055
		0.006
		0.012
		0.155
		0.005
		0.000
		0.001
		1.000
		1.000
		1.000
		1.000
		1.000

Apply IC shares (different over time) for ESA 2010 or ESA 1995 to S1

	CPA	Industry	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
Share of S13&S15 in S1 for M72	CPA_TOTAL	M72																			
Share of S13&S15 in S1 for O84	CPA_TOTAL	O84																			
Share of S13&S15 in S1 for P85	CPA_TOTAL	P85																			
Share of S13&S15 in S1 for Q86	CPA_TOTAL	Q86																			
Share of S13&S15 in S1 for Q87_88	CPA_TOTAL	Q87_88																			
Share of S13&S15 in S1 for R90-R92	CPA_TOTAL	R90-R92																			

Back-casting ESA10 Use tables

Approach 2. Use table for S13&S15 estimates.

USE TABLE S13&S15

CPA	Industry	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
CPA_M69_M70	M72															51	50			
CPA_M69_M70	O84																			
CPA_M69_M70	P85																			
CPA_M69_M70	Q86																			
CPA_M69_M70	Q87_88																			
CPA_M69_M70	R90-R92																			
CPA 71	M72																			
CPA 71	O84																			
CPA 71	P85																			
CPA 71	Q86																			
CPA 71	Q87_88																			
CPA 71	R90-R92																			
CPA 73	M72																			
CPA 73	O84																			
CPA 73	P85																			
CPA 73	Q86																			
CPA 73	Q87_88																			
CPA 73	R90-R92																			
CPA 85	M72																			
CPA 85	O84																			
CPA 85	P85																			
CPA 85	Q86																			
CPA 85	Q87_88																			
CPA 85	R90-R92																			
CPA_TOTAL	**M72**															**3248**	**3043**			
CPA_TOTAL	**O84**																			
CPA_TOTAL	**P85**																			
CPA_TOTAL	**Q86**																			
CPA_TOTAL	**Q87_88**																			
CPA_TOTAL	**R90-R92**																			

back-casting estimates
for S13&S15
1995-2013

Back-casting ESA10 Use tables

Approach 3. Use table for S13&S15 estimates. Step 3

USE TABLE S1

CPA	Industry	1995	1996	1997
CPA_M69_M70	M72			
CPA_M69_M70	O84			
CPA_M69_M70	P85			
CPA_M69_M70	Q86			
CPA_M69_M70	Q87_88			
CPA_M69_M70	R90-R92			
CPA 71	M72			
CPA 71	O84			
CPA 71	P85			
CPA 71	Q86			
CPA 71	Q87_88			
CPA 71	R90-R92			
CPA 73	M72			
CPA 73	O84			
CPA 73	P85			
CPA 73	Q86			
CPA 73	Q87_88			
CPA 73	R90-R92			
CPA 85	M72			
CPA 85	O84			
CPA 85	P85			
CPA 85	Q86			
CPA 85	Q87_88			
CPA 85	R90-R92			
CPA_TOTAL	M72			
CPA_TOTAL	O84			
CPA_TOTAL	P85			
CPA_TOTAL	Q86			
CPA_TOTAL	Q87_88			
CPA_TOTAL	R90-R92			

Apply non-market output share for ESA 2010, average of 2 years (constant over time) to S1

		CPA	Industry	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
Share of S13&S15 in S1 for M72		CPA_TOTAL	M72																			
Share of S13&S15 in S1 for O84		CPA_TOTAL	O84																			
Share of S13&S15 in S1 for P85		CPA_TOTAL	P85																			
Share of S13&S15 in S1 for Q86		CPA_TOTAL	Q86																			
Share of S13&S15 in S1 for Q87_88		CPA_TOTAL	Q87_88																			
Share of S13&S15 in S1 for R90-R92		CPA_TOTAL	R90-R92																			

Back-casting ESA10 Use tables

Approach 3. Use table for S13&S15 estimates.

USE TABLE S13&S15

CPA	Industry	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
CPA_M69_M70	M72															51	50			
CPA_M69_M70	O84																			
CPA_M69_M70	P85																			
CPA_M69_M70	Q86																			
CPA_M69_M70	Q87_88																			
CPA_M69_M70	R90-R92																			
CPA 71	M72																			
CPA 71	O84																			
CPA 71	P85																			
CPA 71	Q86																			
CPA 71	Q87_88																			
CPA 71	R90-R92																			
CPA 73	M72																			
CPA 73	O84																			
CPA 73	P85																			
CPA 73	Q86																			
CPA 73	Q87_88																			
CPA 73	R90-R92																			
CPA 85	M72																			
CPA 85	O84																			
CPA 85	P85																			
CPA 85	Q86																			
CPA 85	Q87_88																			
CPA 85	R90-R92																			
CPA_TOTAL	**M72**															**3248**	**3043**			
CPA_TOTAL	**O84**																			
CPA_TOTAL	**P85**																			
CPA_TOTAL	**Q86**																			
CPA_TOTAL	**Q87_88**																			
CPA_TOTAL	**R90-R92**																			

back-casting estimates
for S13&S15
1995-2013

Conclusions on estimates approaches:

Approach 1:

- Growth rates are the same for **all CPAs** in **each industry** and reflect the growth rates for **industries** (Total CPAs) for S13&S15

Approach 2 (ESA10 or ESA95):

- **Shares of S13&S15 in S1** are the **same for all CPAs** for **each industry**
- Growth rates are the same for **all CPAs** and reflect the growth rates for **industries** (Total CPAs) **for S1**
- **ESA 95 ignores institutional sectors shift**

Approach 3:

- Shares of S13&S15 in S1 are **based on non-market output, not IC (!)**
- **Shares of S13&S15 in S1** are the **same for all CPAs** for **each industry**
- **Shares of S13&S15 DO NOT vary** over time (average of 2010-2011)
- Growth rates are the same for **all CPAs** and reflect the growth rates for **industries** (Total CPAs) **for S1**

Approximation quality checks using Czech Republic data

- Comprehensive indicator of approximation quality

COMPARISON OF WIIW ESTIMATES METHOD AND WIOD-BASED METHOD

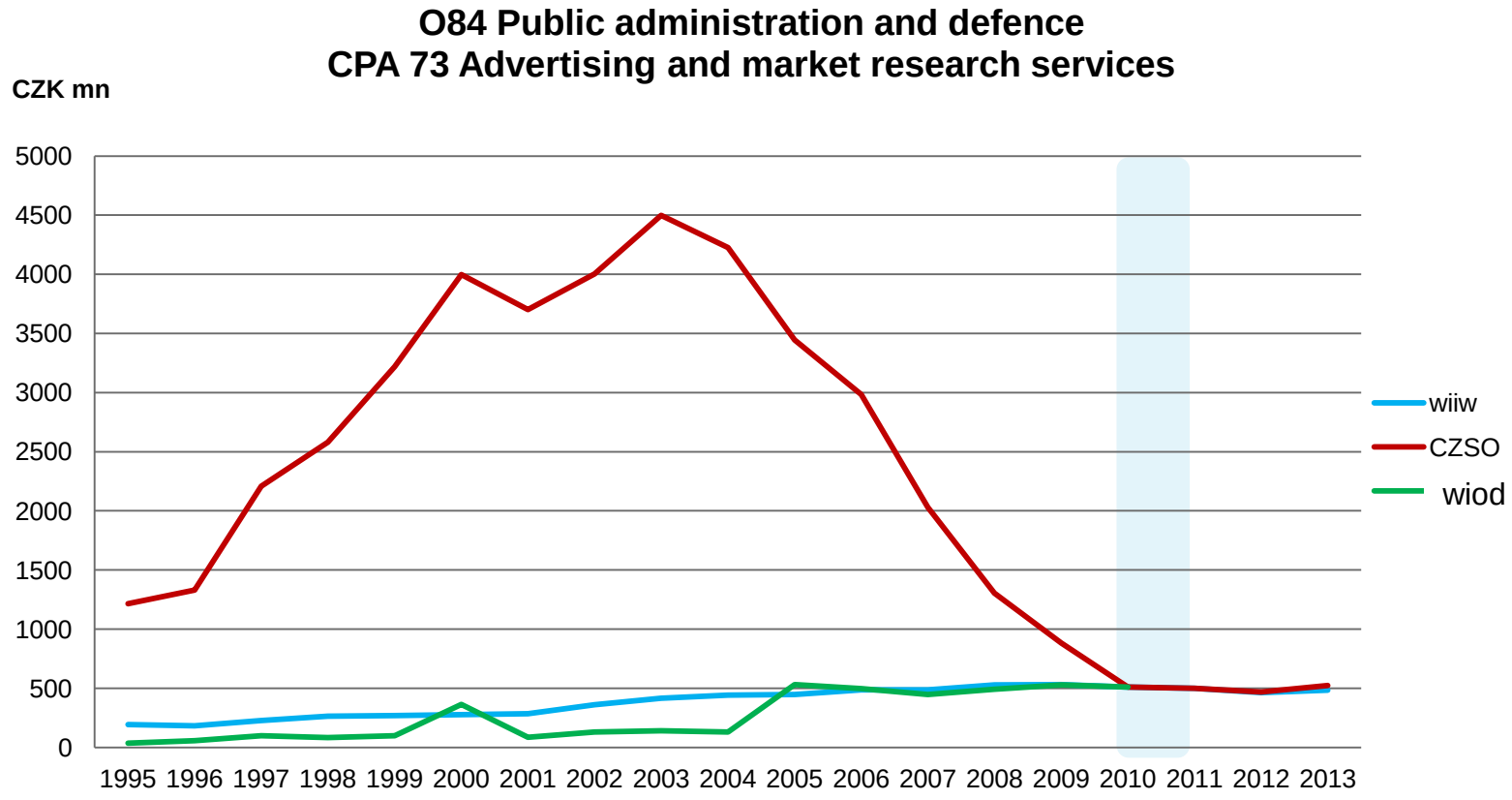
CPA code	CPA	Industry	diff (1)=(2)-(3)	wiiw (2)	wiod-based (3)
CPA 73	**Advertising and market research services**	**O84 Public administration and defence**	-220	2690	2909
CPA_M69_M70	**Legal and accounting services etc**	**O84 Public administration and defence**	-713	2365	3077
CPA 71	Architectural and engineering services etc	O84 Public administration and defence	-66	1091	1157
CPA 85	**Education services**	**P85 Education**	-1822	716	2538
CPA_M69_M70	Legal and accounting services etc	P85 Education	-27	315	342
CPA 85	Education services	O84 Public administration and defence	-90	304	393
CPA 73	Advertising and market research services	P85 Education	-90	88	178
CPA 71	Architectural and engineering services etc	M72 Scientific research and development	22	81	60
CPA 73	Advertising and market research services	Q87-Q88 Social work activities	-2	46	47
CPA 71	Architectural and engineering services etc	P85 Education	-3	40	43
CPA 71	Architectural and engineering services etc	Q87-Q88 Social work activities	-1	34	35
CPA_M69_M70	Legal and accounting services etc	Q87-Q88 Social work activities	0	32	32
CPA 71	Architectural and engineering services etc	R90-R92 Creative, arts etc	-1	25	27
CPA 73	Advertising and market research services	M72 Scientific research and development	-1	21	22
CPA 85	Education services	Q87-Q88 Social work activities	-1	19	20
CPA 73	Advertising and market research services	R90-R92 Creative, arts etc	-68	10	78
CPA_M69_M70	Legal and accounting services etc	Q86 Human Health Activities	-22	6	28
CPA_M69_M70	Legal and accounting services etc	R90-R92 Creative, arts etc	-18	4	22
CPA 85	Education services	M72 Scientific research and development	-7	3	10
CPA 85	Education services	R90-R92 Creative, arts etc	-3	2	5
CPA_M69_M70	Legal and accounting services etc	M72 Scientific research and development	-12	2	14
CPA 73	Advertising and market research services	Q86 Human Health Activities	-2	1	3
CPA 85	Education services	Q86 Human Health Activities	-4	1	5
CPA 71	Architectural and engineering services etc	Q86 Human Health Activities	-1	1	2

$$\sqrt{\frac{1}{n}\sum_{i=1}^{t}(x_{iwiiw} - x_{i\,orig.})^2}$$

Approximation quality checks using Czech Republic data

- Visual analysis

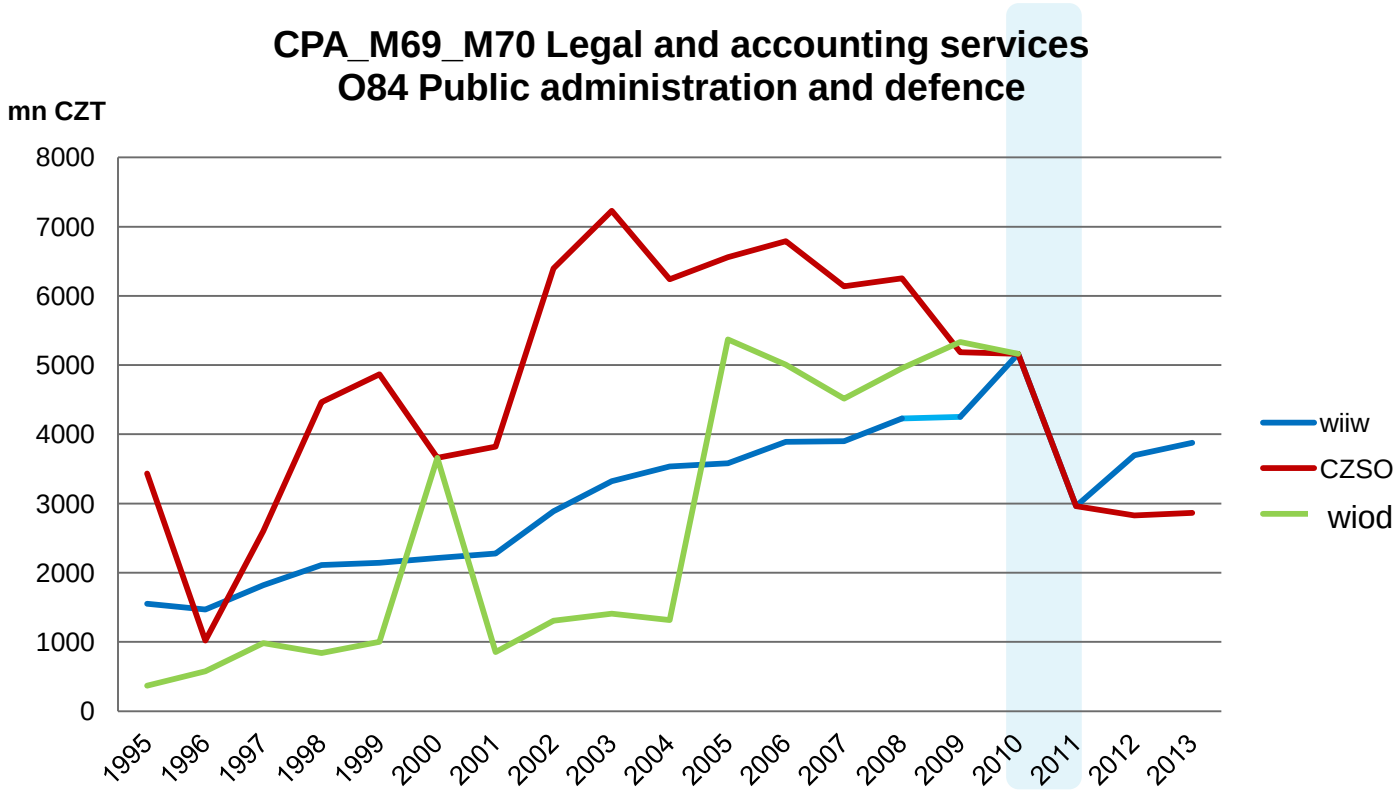
Structural changes



Approximation quality checks using Czech Republic data

- Visual analysis

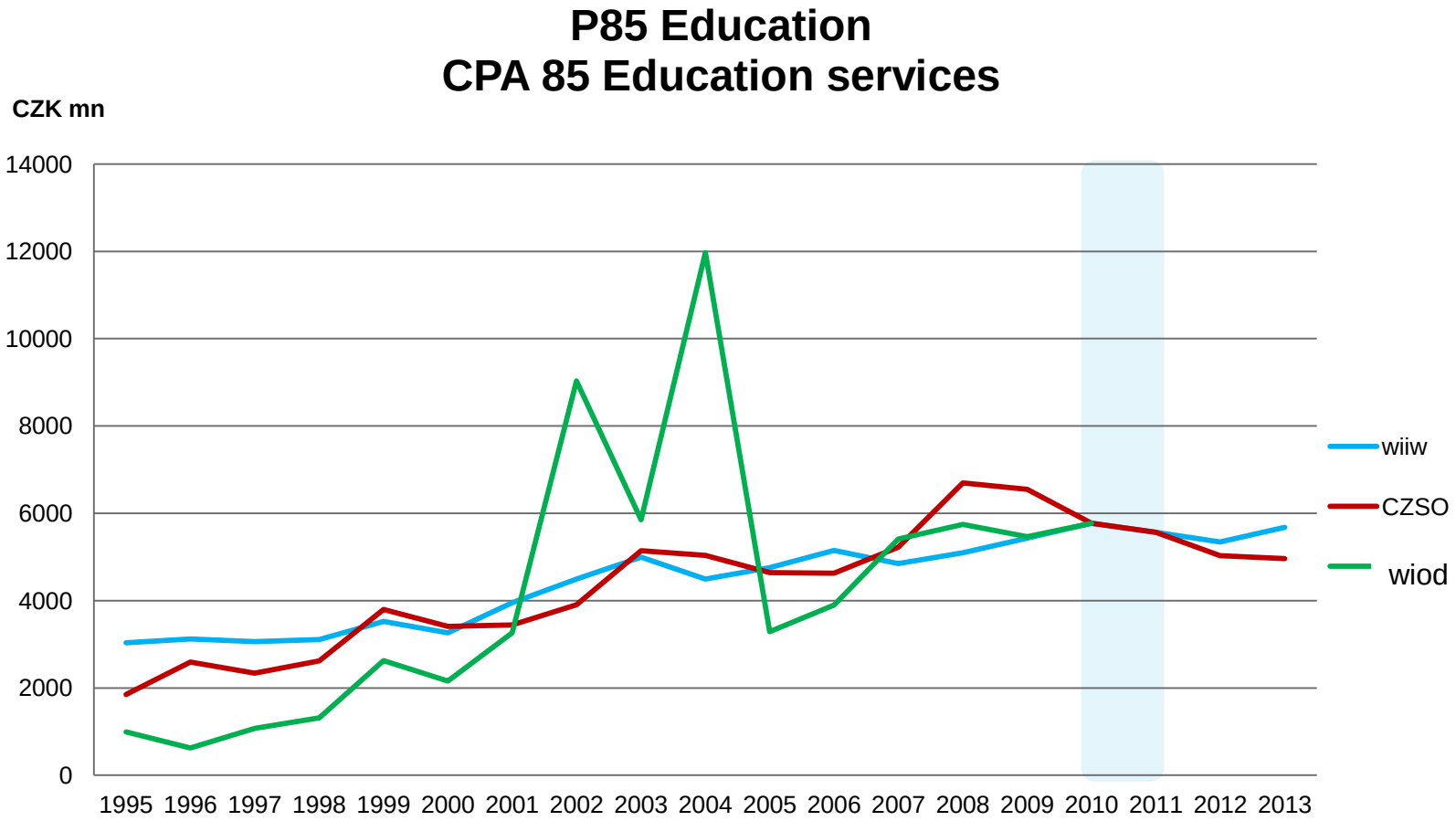
Volatilty



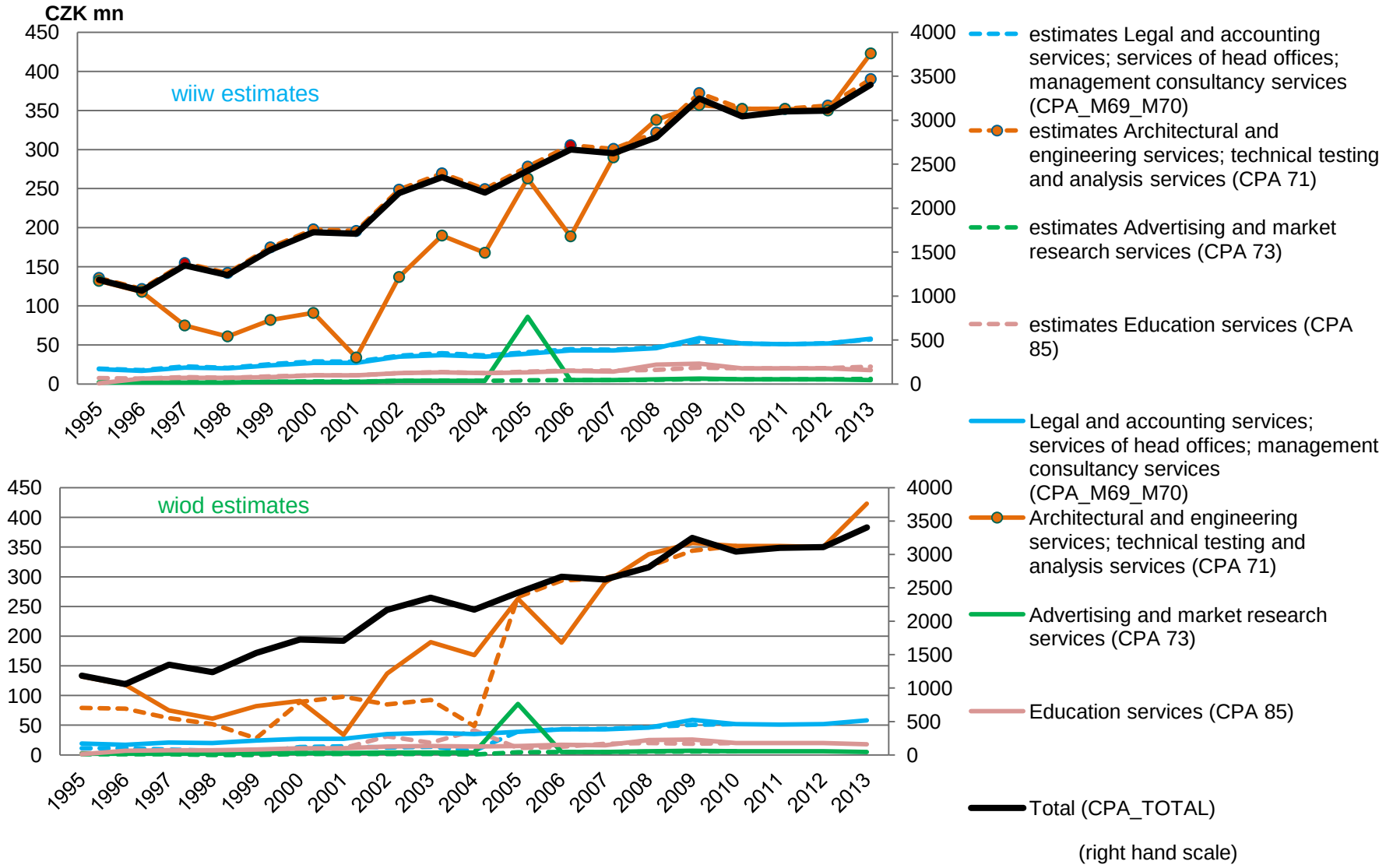
Approximation quality checks using Czech Republic data

- Visual analysis

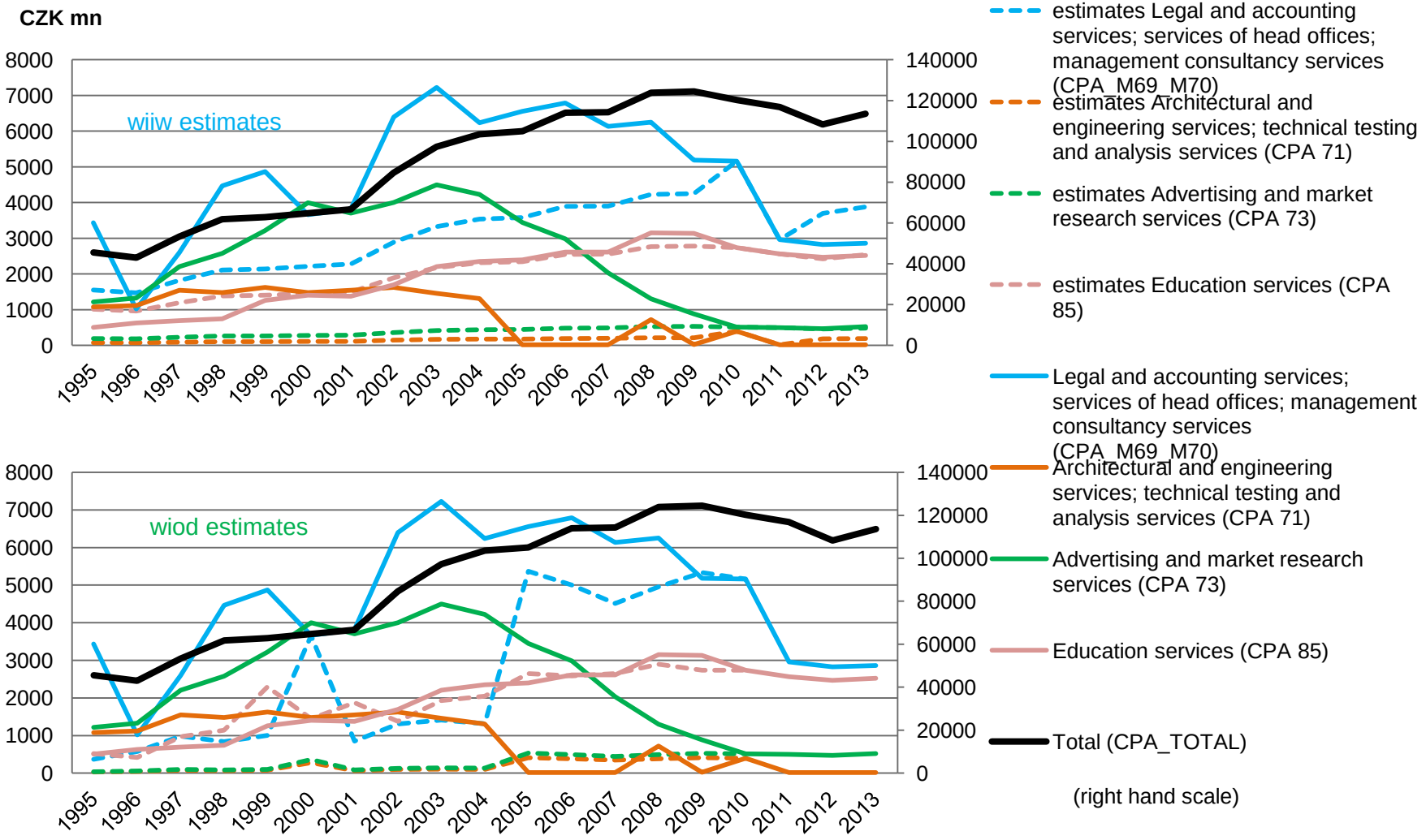
Outliers



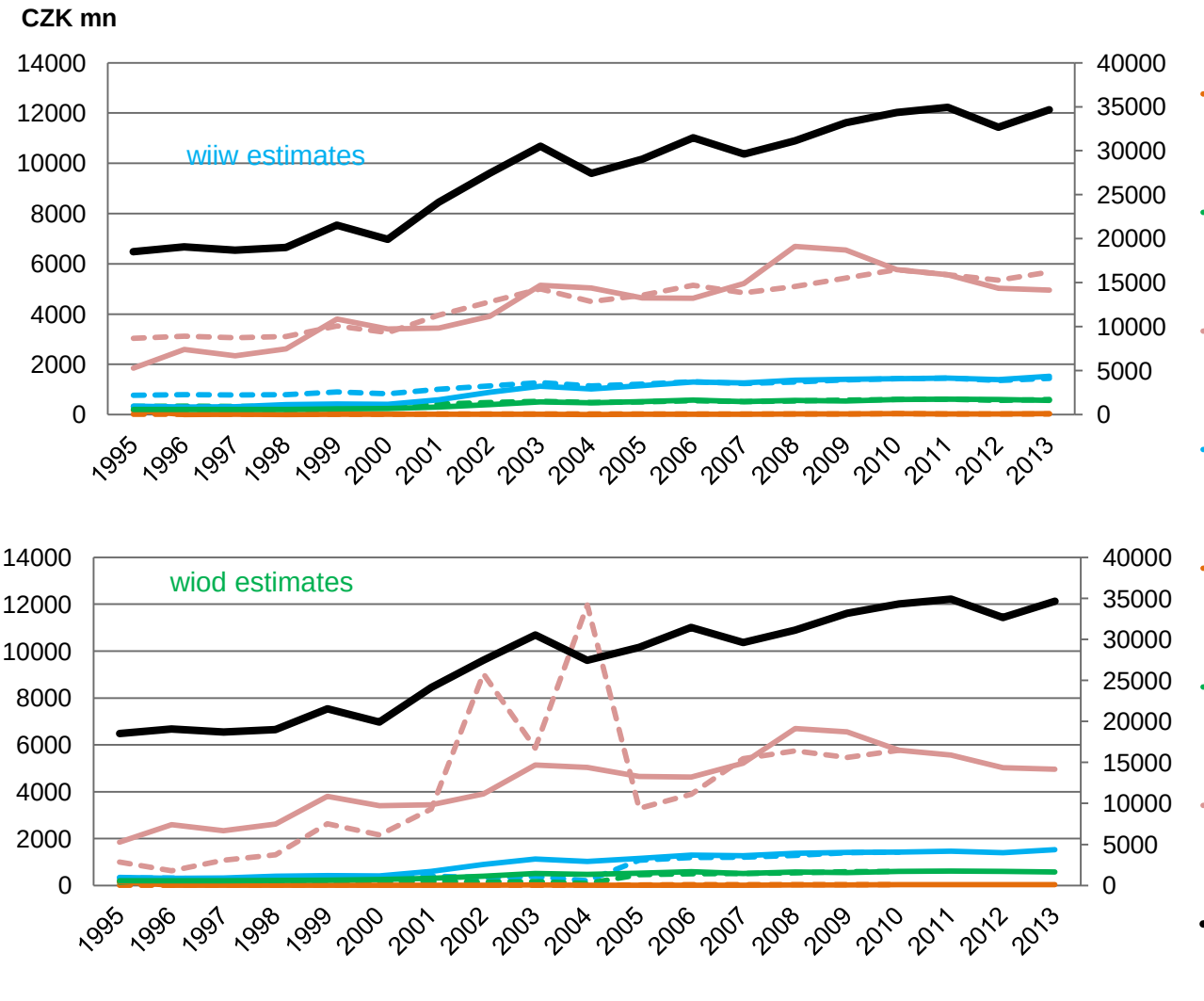
M72 Scientific research and development



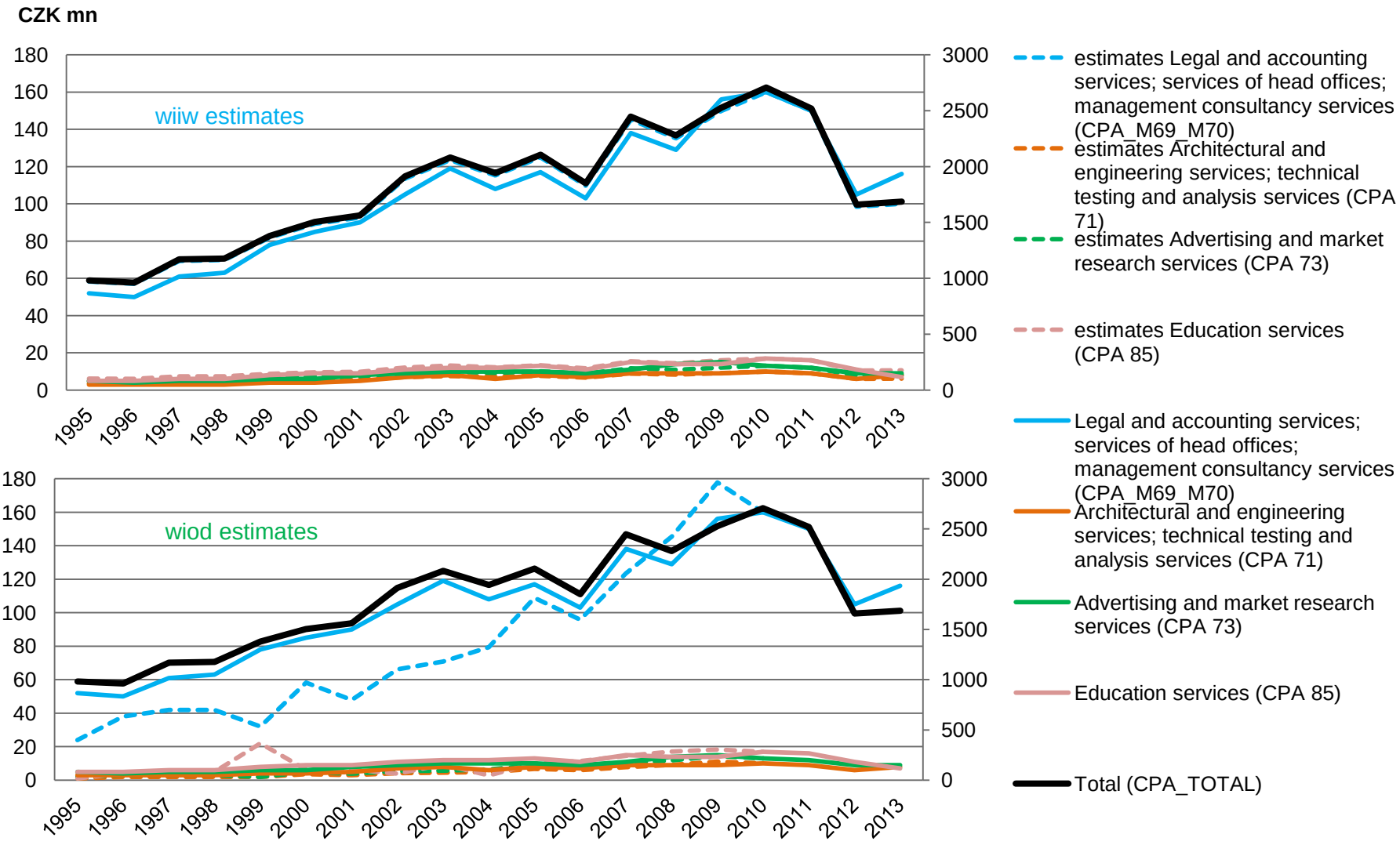
O84 Public administration and defence



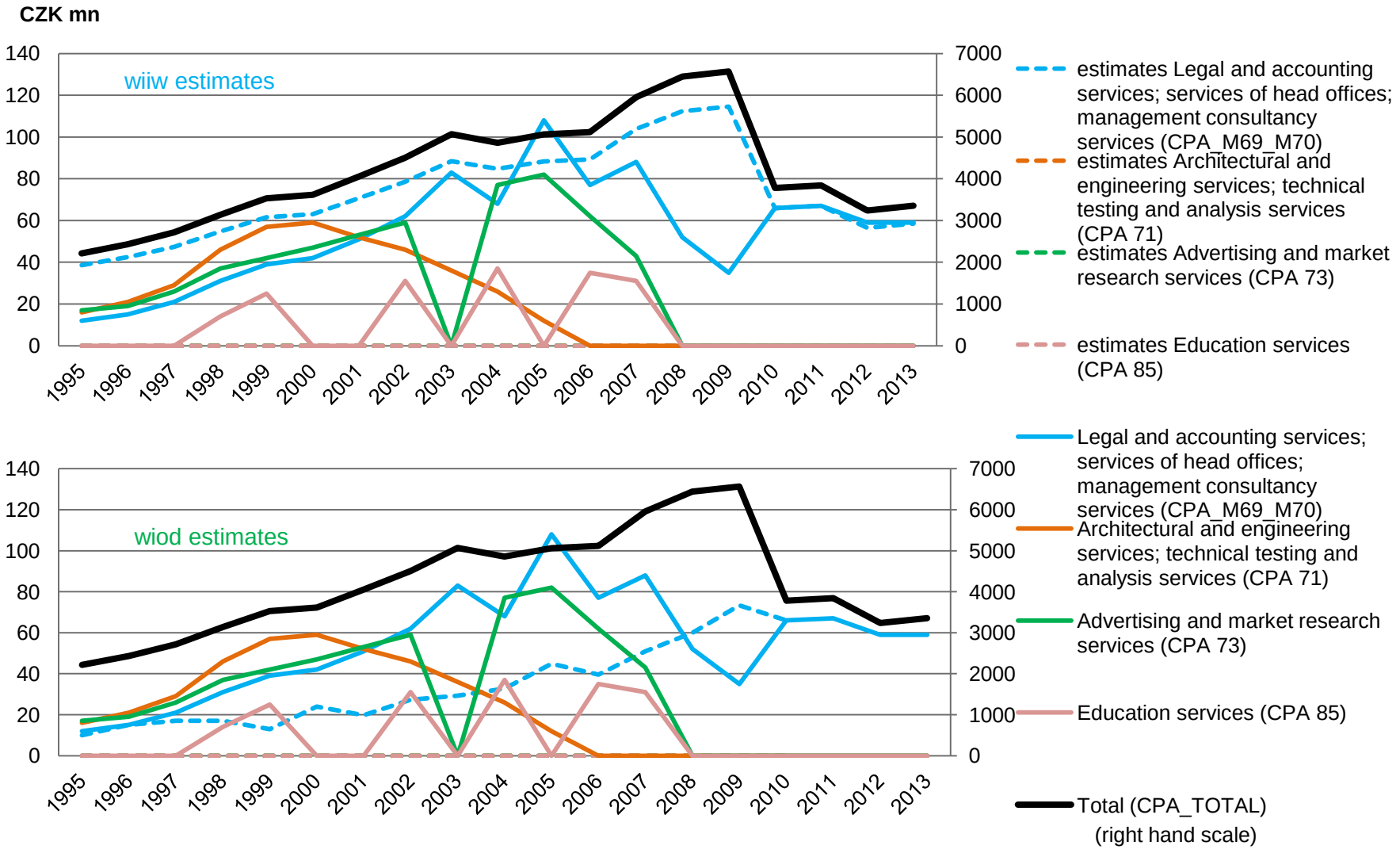
P85 Education



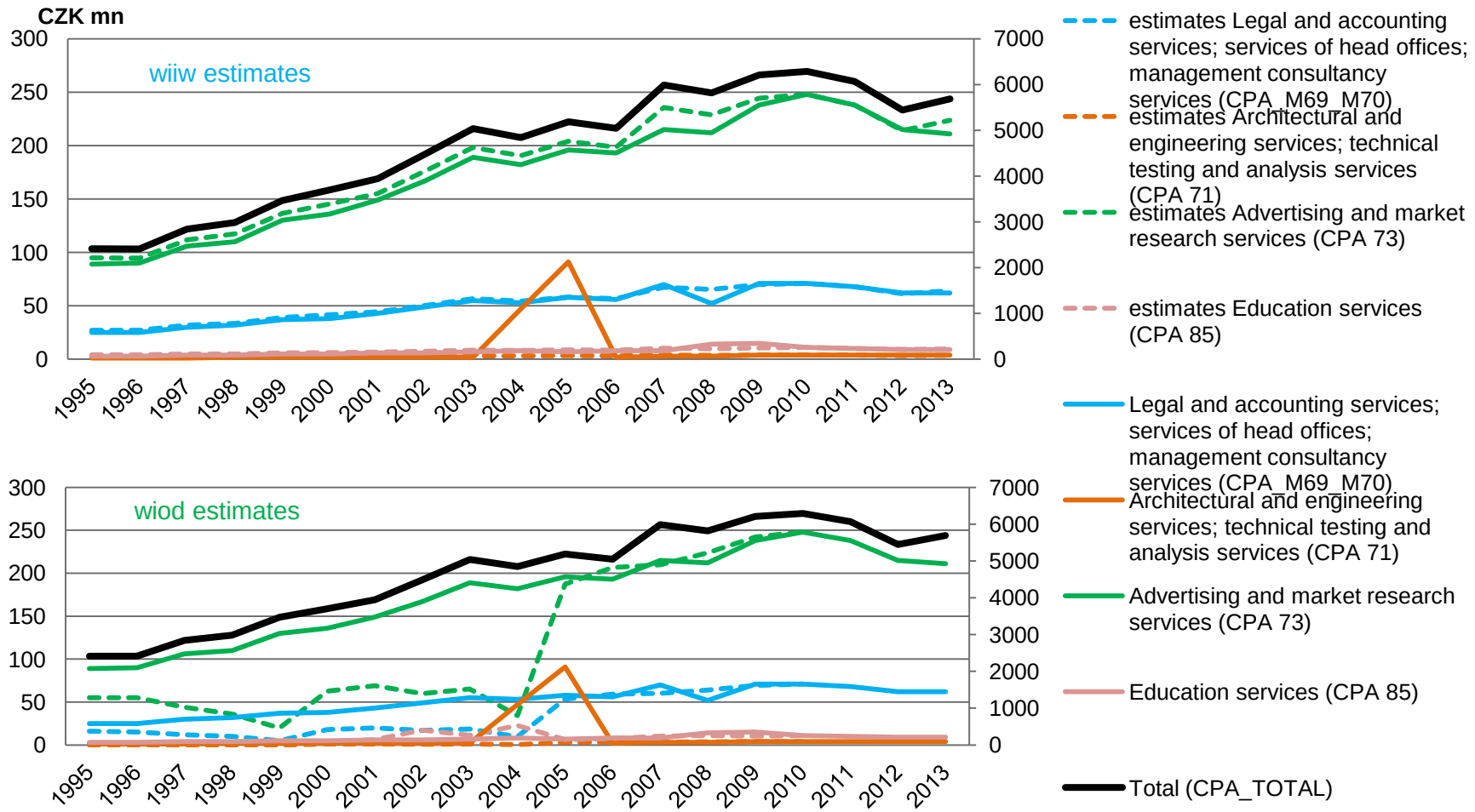
Q86 Human Health Activities



Q87_Q88 Social work activities



R90-R92 Creative, arts and entertainment activities



Sensitivity analysis

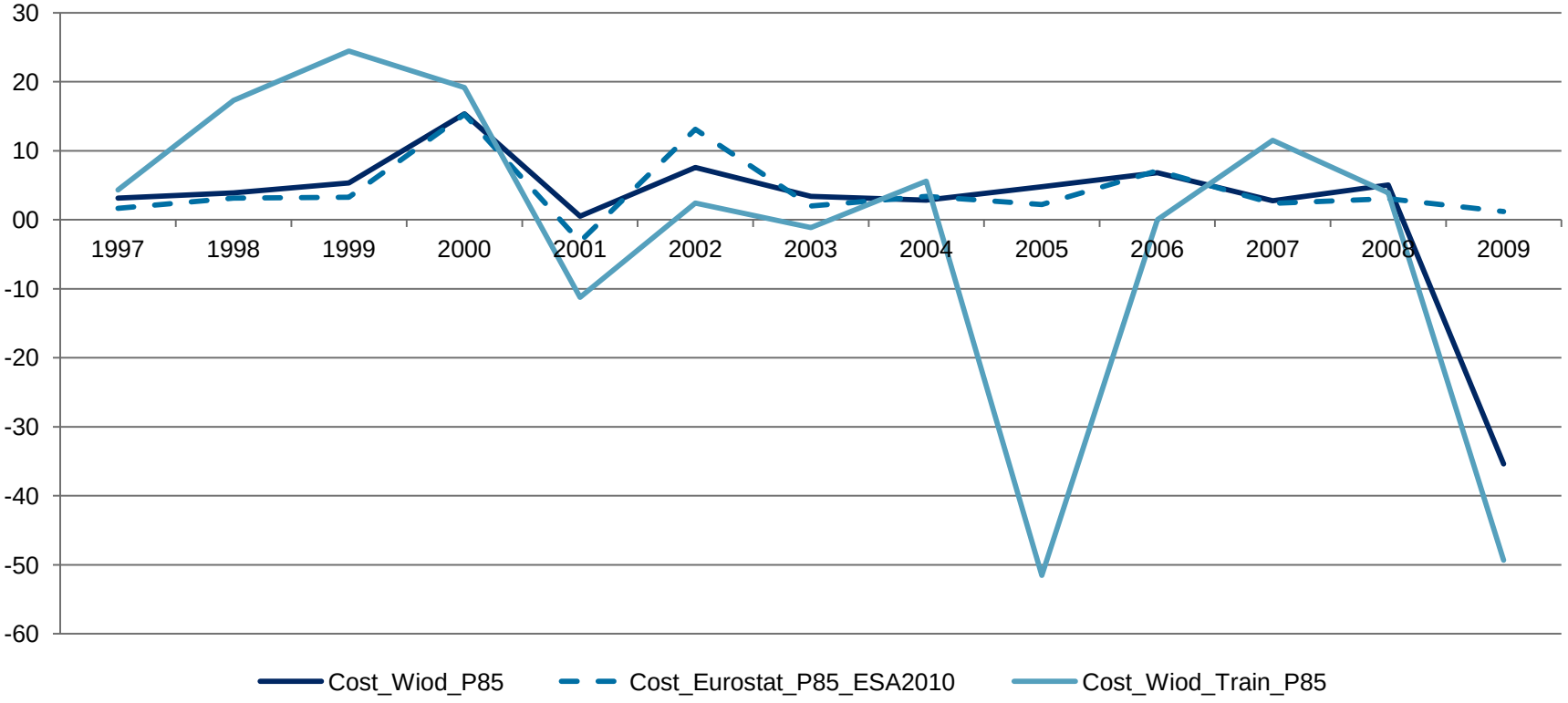
"WIOD-based" correspondence

- Products (CPA 2002 vs CPA 2008) : other business services (CPA 2002) legal and accounting services … (CPA_M69_M70), Architectural and engineering services …. (CPA 71) and Advertising and market research services (CPA 73). Education services are instead identified with a one to one correspondence.

- Industries (NACE Rev. 1.1 vs NACE Rev. 2): 1 to 1 for Public administration and defence, compulsory social security (O84) and Education (P85) while the industry Health and Social work (NACE Rev. 1.1) is now split in two different industries: Human Health Activities (Q86) and Social work activities (Q87-Q88). Scientific research and development industry (M72) and Creative, arts and entertainment activities; libraries, archives, museums and other cultural activities; gambling and betting activities (R90-R92) are new industries included in NACE Rev. 2 do not have a direct correspondence with

WIOD database: noise from disaggregation

- France P85

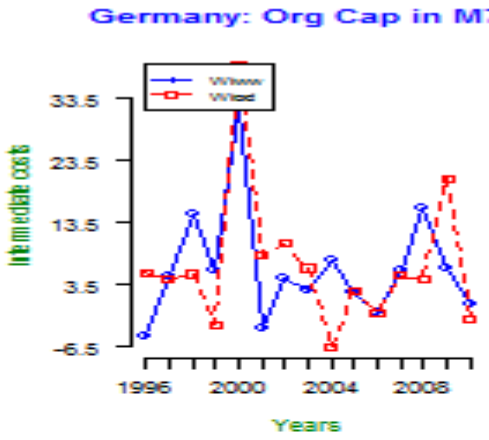


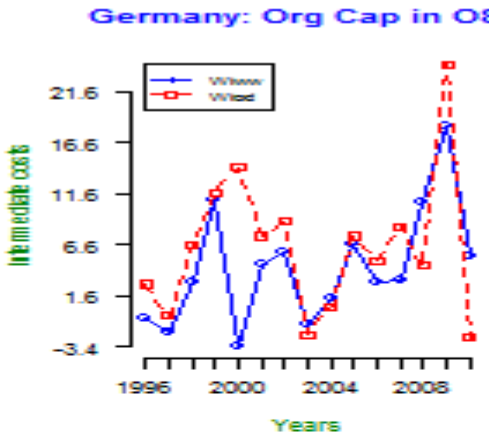
WIOD database: education

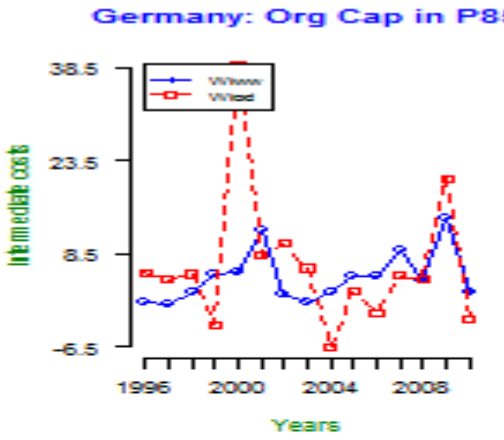
Growth rate of Education service in Education Industry

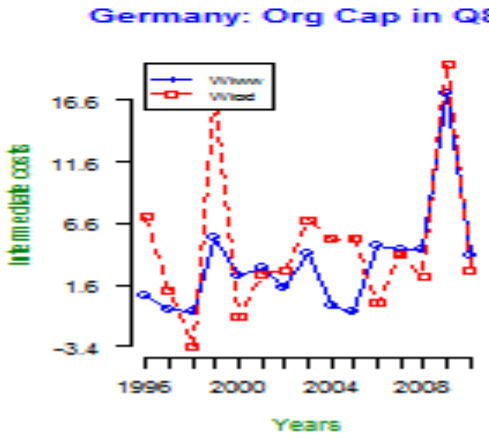
	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
AT	22,3	5,9	6,1	-19,5	10,5	6,4	9,3	49	7,8	25,7	3,7	10,1	8,1
BE	2,4	26,2	14,7	-32,8	70,4	16,4	15,4	-6,9	9,6	9,9	-18,4	6,9	4,2
CZ	72,1	22	100,2	-18	51,2	177,1	-35,2	104,5	-72,5	18,4	38,9	6,1	-4,9
DE	8,1	9,6	11,6	297,1	30,6	28,7	-4,4	18,6	17,1	-0,9	21,8	4,7	5,6
DK	1,3	13,4	10,3	-20,5	10,7	2,7	-0,7	14,8	273,9	9,5	-7,9	10	11,4
EL	-13,7	7,1	-29,8	39,1	-96,3	-98,1	35.582	-16,3	20,9	-3,9	7,4	4,3	0,5
ES	5,7	6,9	138,8	6,4	14,9	-3,9	-1,7	21,2	7,1	1,9	11,1	8,3	13,2
FI	-29,3	-7,6	9,7	102,9	6,2	-34,8	1,2	14,5	3,9	16,5	7,4	7,6	4,6
FR	4,3	17,3	24,5	19,2	-11,2	2,4	-1,1	5,6	-51,5	0	11,5	3,9	-49,3
IE	-6,4	-19,8	-2,4	-5,5	45,5	26,8	-27	0,6	-25,8	-50	232,1	15,6	19,6
IT	7,5	9,2	10	10	-3	-4,6	-4,5	6,3	-10,2	5,5	6	-1,9	2,6
LU	4,2	5,2	36,3	3,8	15,2	10	-3,1	10,5	-1	5,7	24,2	17,6	15,3
NL	7,9	8,4	24,9	0,6	9,7	6,9	7	5,4	12,1	7,7	15,3	5,7	5,1
PL	18,4	16	3,7	1.873	17,4	4,3	7,2	13,7	18,8	9,9	12,5	11,6	1,8
PT	6,8	74,3	9,2	1.059	-1,9	-7,7	1,3	0,6	3,1	-5,3	-10,5	2,3	17,4
SE	10,4	15,3	61,6	-27,9	22,4	-8,6	-3,4	18,1	-12,1	9,5	8,7	6,8	0,2
UK	15,9	20,4	3,9	10,1	22,3	17,2	8,7	36,6	4,6	4,7	4	-1,1	-3,7
Mean	**8,1**	**13,5**	**25,5**	**24,3**	**12,6**	**8,3**	**-1,9**	**17,5**	**12,1**	**3,8**	**21,6**	**7,0**	**3,0**

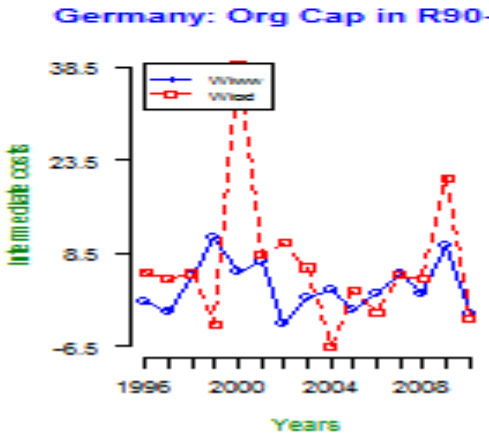
Germany: Organisation Capital





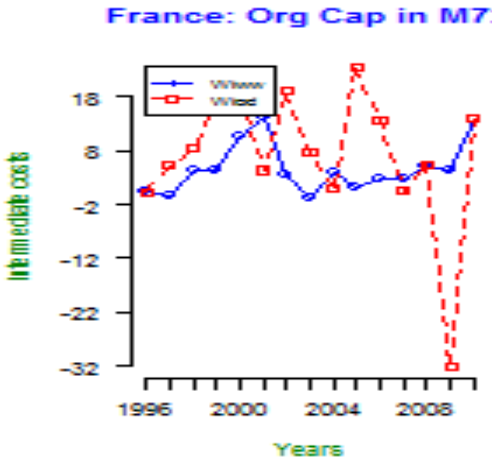


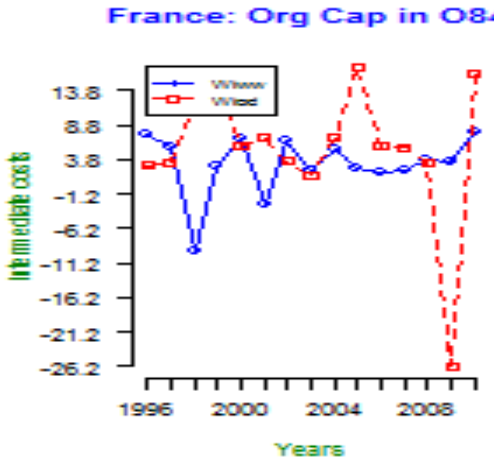


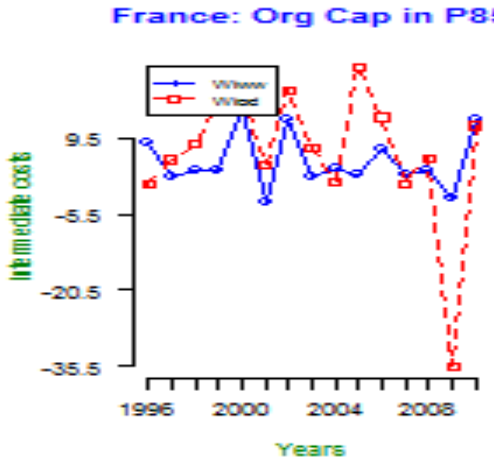


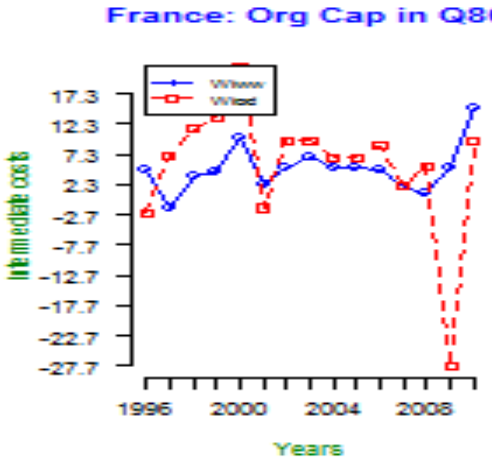
Germany: Training

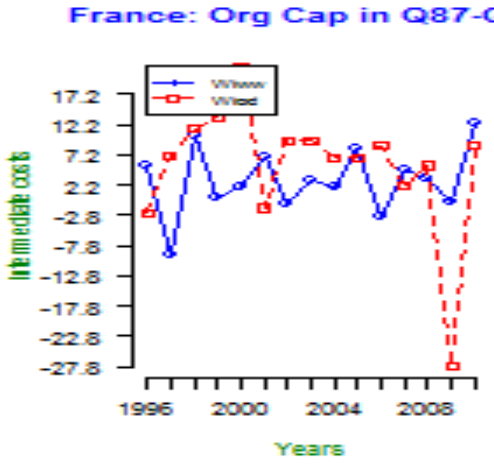
France: Organisation Capital

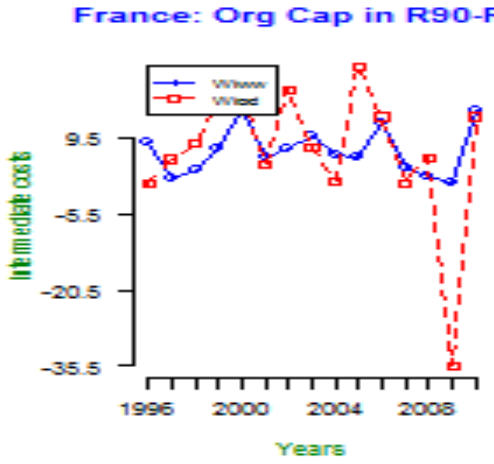




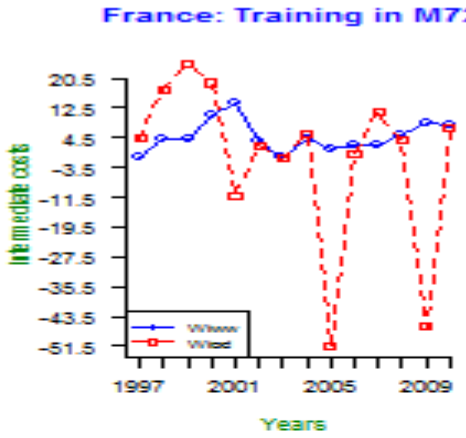


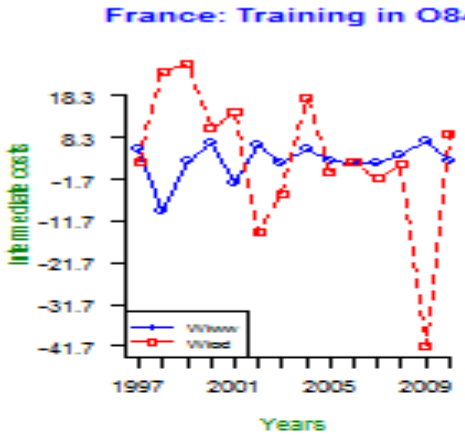


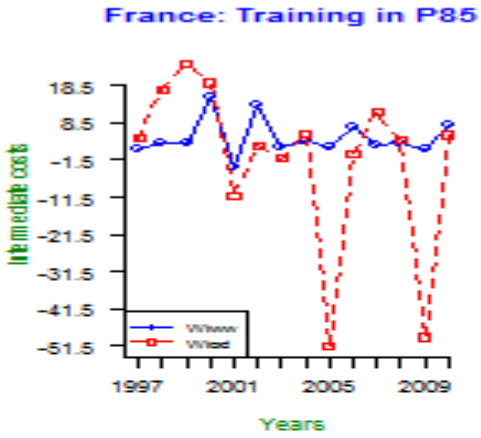


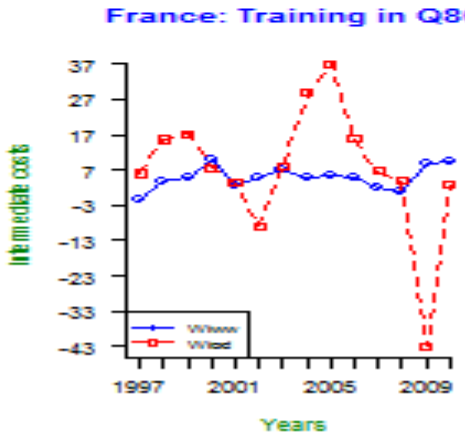


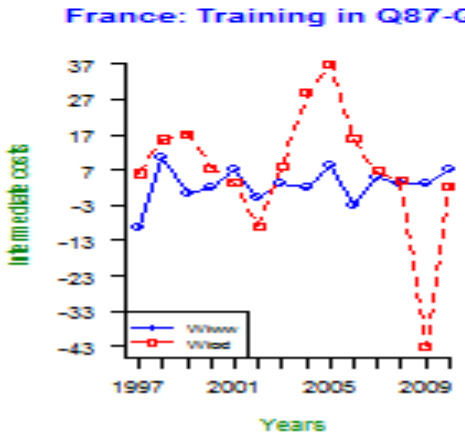
France: Training

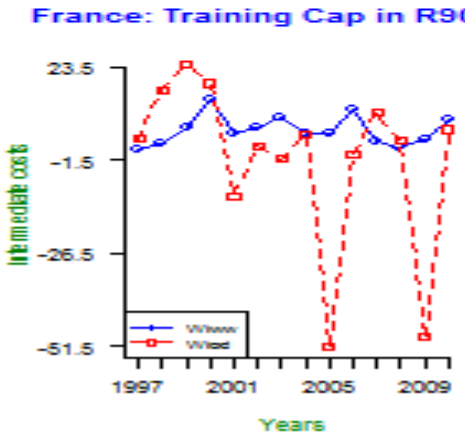




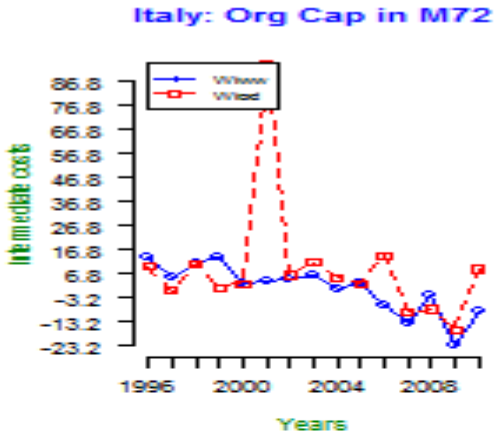


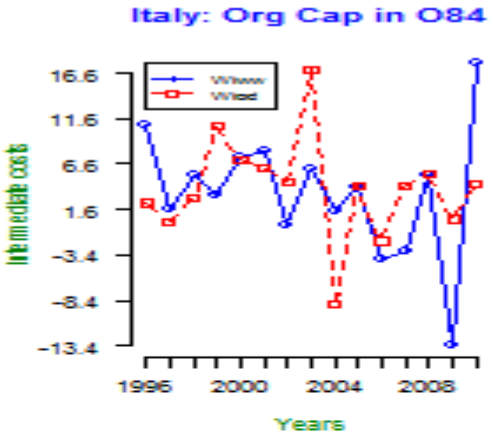


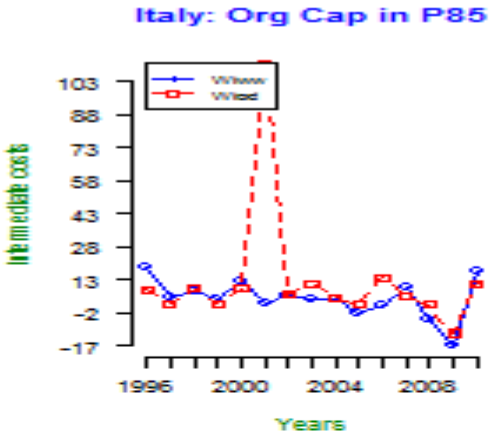


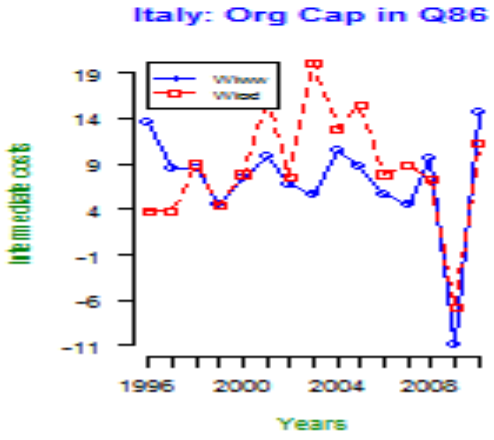


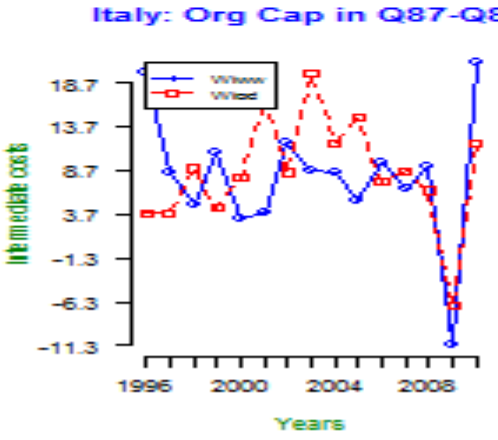
Italy: Organisation Capital

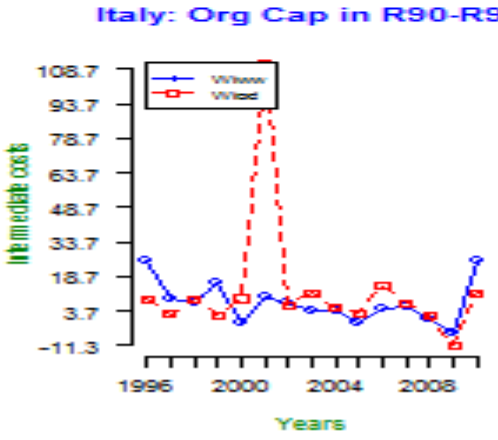












Italy: Training

Conclusions on back-casting:

- "WIOD-based" approach provides different growth rates for CPAs, but is biased (NACE Rev.1, ESA 95 -?);
- not possible to capture outliers with either of the two methods;
- data with "0" in 2010-2011 will be transmitted backwards;
- choice of approaches does not matter much for industries with high and relatively constant share of S13&S15 in S1 (same structure) and high weight in all SPINTAN industries

- shares based method provides better results.

Imputation for countries that does not provide data

Data availability use table (9 april 2015)

Country	Years	Split S13-S15
AT	1995-2013	Yes
BE	2010	No
BG	-	No
CZ	1995-2013	Yes
DE	2010-2011	No
DK	2010-2011	No
EL	2010	No
ES	-	No
FI	2008-2012	Yes
FR	2010-2011	No
HU	1995-2012	Yes
IE	2010-2011	No
LU	2010	No
IT	1995-2011	Yes
NL	-	No
PL	-	No
PT	2010-2011	No
RO	1995-2013	Yes
SE	1995-2013	Yes
SI	1995-2013	Yes
SK	1995-2013	Yes
UK	-	No

Data availability GFCF (9 april 2015)

Description of approaches	
Approach 0	GFCF cross-classification by industry and sector provided in the template - not our estimate
Approach 1a	Industry and Institutional Sector distribution (at least) for Total Intellectual property products and for Computer Software provided in the template (or available from Eurostat)
Approach 1b	Industry and Institutional Sector distribution only for Total Intellectual property products provided in the template (or available from Eurostat)
Approach 2a	Industry distribution (at least) for Total Intellectual property products and for Computer Software provided in the template (or available from Eurostat) - No information on Institutional Sector distr
Approach 2b	Industry distribution only for Total Intellectual property products provided in the template (or available from Eurostat) - No information on Institutional Sector and no asset detail

		DATA AVAILABILITY																		Approach
		IPP						Computer Software and Databases						Research and Development						
		Industry distribution		nstitut. Sector Distrib		Cross-Classification		Industry distribution		nstitut. Sector Distrib		Cross-Classification		Industry distribution		nstitut. Sector Distrib		Cross-Classification		
		Source	*Time*	*Source*	*Time*	*Source*	*Time*	*Source*	*Time*	*Source*	*Time*	*Source*	*Time*	*Source*	*Time*	*Source*	*Time*	*Source*	*Time*	
1	AT	eurostat	1995-2013	na	na	na	na	eurostat	1995-2013	na	na	na	na	na	na	na	na	na	na	2a
2	BE	eurostat	1995-2013	na	na	na	na	eurostat	1995-2013	na	na	na	na	na	na	na	na	na	na	2a
3	BG	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	?
4	CZ	eurostat	1995-2013	na	na	na	na	eurostat	1995-2013	na	na	na	na	na	na	na	na	na	na	2a
5	DE	template*	1995-2013	na	na	na	na	template	1995-2013	na	na	na	na	template	1995-2013	na	na	na	na	2a
6	DK	eurostat	1995-2010	na	na	na	na	eurostat	1995-2010	na	na	na	na	na	na	na	na	na	na	2a
7	EL	eurostat	1995-2013	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	2b
8	ES	template*	1995-2012	na	na	na	na	template	1995-2012	na	na	na	na	na	na	na	na	na	na	2a
9	FI	template	1995-2013	template	1995-2013	template	1995-2013	eurostat	1995-2013	na	na	na	na	na	na	na	na	na	na	1b
10	FR	eurostat	1995-2013	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	2b
11	HU	template	1995-2013	template	1995-2013	template	1995-2013	template	1995-2013	template	1995-2013	template	1995-2013	template	1995-2013	template	1995-2013	template	1995-2013	0
12	IE	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	?
13	IT	NSI	1995-2012	na	na	na	na	NSI	1995-2012	na	na	na	na	NSI	1995-2012	na	na	na	na	2a
14	LU	eurostat	2000-2013	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	2b
15	NL	eurostat	1995-2012	na	na	na	na	eurostat	1995-2012	na	na	na	na	na	na	na	na	na	na	2a
16	PL	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	?
17	PT	eurostat	1995-2011	NSI	1995-2011	na	na	na	na	na	na	na	na	na	na	na	na	na	na	1b
18	RO	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	?
19	SE	na	na	na	na	na	na	template***	1995-2012	template***	1995-2012	template***	1995-2012	template***	1995-2012	template***	1995-2012	template***	1995-2012	0
20	SI	eurostat*	1995-2012	na	na	na	na	eurostat*	1995-2012	na	na	na	na	na	na	na	na	na	na	2a
21	SK	eurostat	1995-2013	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	2b
22	UK	eurostat**	1995-2013	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	?

* not available for M72, Q86 and Q87-88 (only aggregated for M and Q)

** only available for Q86, Q87-88 and R90_92

*** old template

Timelines:

- End of May, final collection of data from partners

- Mid of July first estimation for all countries