

Duke University Human Capital Project
John de Figueiredo NBER Presentation Data, Feb 2018 Set 3, Early/Late Agency Comparison

E-mail from John:

Hi Tom:

Thanks ...

On pp. 2, Tables 2 and 3, is it possible to replace the occupation numbers with the exact titles? Keep Tables 4 and 5 as they are. You can keep Table 1, too, if you like.

On Figures 1 and 2, I was obviously not clear.

Can you decompose Figure 1 into TWO Figures (call them Figures 1a and 1b)? On Figure 1a, please create THREE lines/distributionsone for CFPB, one for early-CPSC, and one for early CFTC. So this will be a picture like the one you have with three lines. Then please create Figure 1b with FOUR lines/distributionsone for CFPB, one for late-CPSC, one for late-CFTC, and one late SEC.

Then can you create the same for Figure 2a and 2b (grade)?

That would be really helpful. I think with those four tables and four graphs I will have everything I need.

Thanks, Tom! Let me know if you have any questions.

John

Data source: Buzzfeed (2017 version), full-time employees

Note that records exist for agency AG04 (Commodity Exchange Authority) in years 1974-1978 and for CT00 (Commodity Futures Trading Commission) in 1979. These were combined and used for the CFTC observations.

Top three occupations

Table 1: Occupation legend

Occupation	Description
110	Economist
301	Miscellaneous Administration and Program
318	Secretary
343	Management and Program Analysis
510	Accounting
570	Financial Institution Examining
696	Consumer Safety
905	General Attorney
1146	Agricultural Marketing
1801	General Inspection, Investigaton, & Comp
2210	Information Technology Management

Table 2: Top three occupations, CFPB with early period CPSC and CFTC

CFPB 2011-2016	pct	CPSC 1975-1980	pct	CFTC 1974-1979	pct
Financial Institution	27.53	Consumer Safety	12.51	Agricultural Marketing	19.34
Miscellaneous Admin	20.37	Miscellaneous Admin	12.51	Accounting	18.78
General Attorney	18.97	Secretary	9.84	Miscellaneous Admin	11.05

Table 3: Top three occupations, late period, 2011-2016

CFPB	pct	CPSC	pct	CFTC	pct	SEC	pct
Financial Institution	27.53	General Inspection	31.09	General Attorney	38.60	General Attorney	42.20
Miscellaneous Admin	20.37	Management and Progr	8.80	General Inspection	10.39	Accounting	25.64
General Attorney	18.97	Miscellaneous Admin	6.93	Economist	9.61	Information Tech	5.25
		General Attorney	6.93				

Table 4: Age percentiles, CFPB with early period CPSC and CFTC

	CFPB 2011-2016	CPSC 1975-1980	CFTC 1974-1979
25%	32.00	27.00	27.00
50%	37.00	37.00	32.00
75%	47.00	47.00	47.00

Table 5: Age percentiles, late period, 2011-2016

	CFPB	CPSC	CFTC	SEC
25%	32.00	37.00	37.00	37.00
50%	37.00	47.00	47.00	42.00
75%	47.00	52.00	52.00	52.00

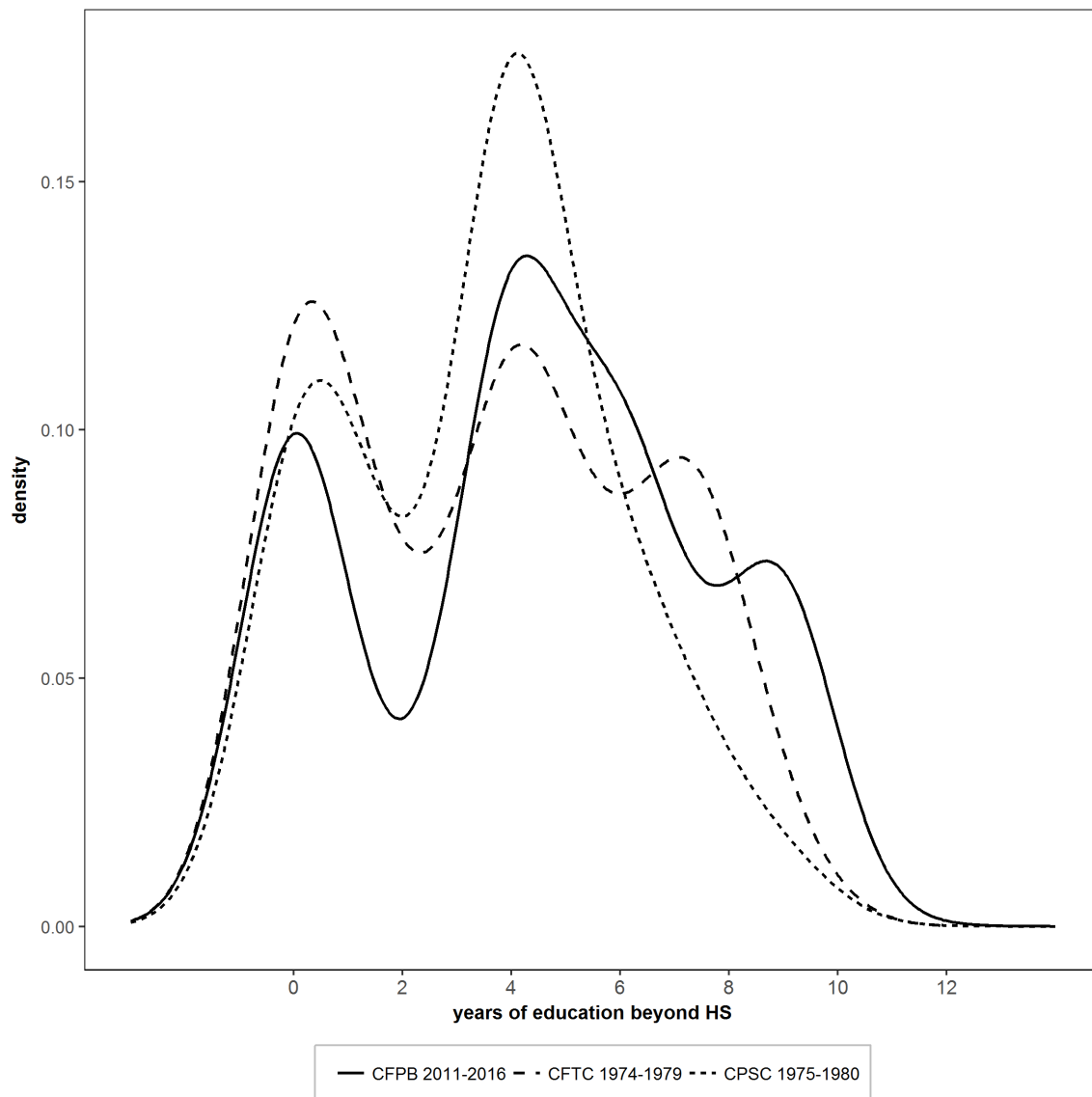


Figure 1: Comparative education distributions, CFPB with early period CPSC and CFTC agencies

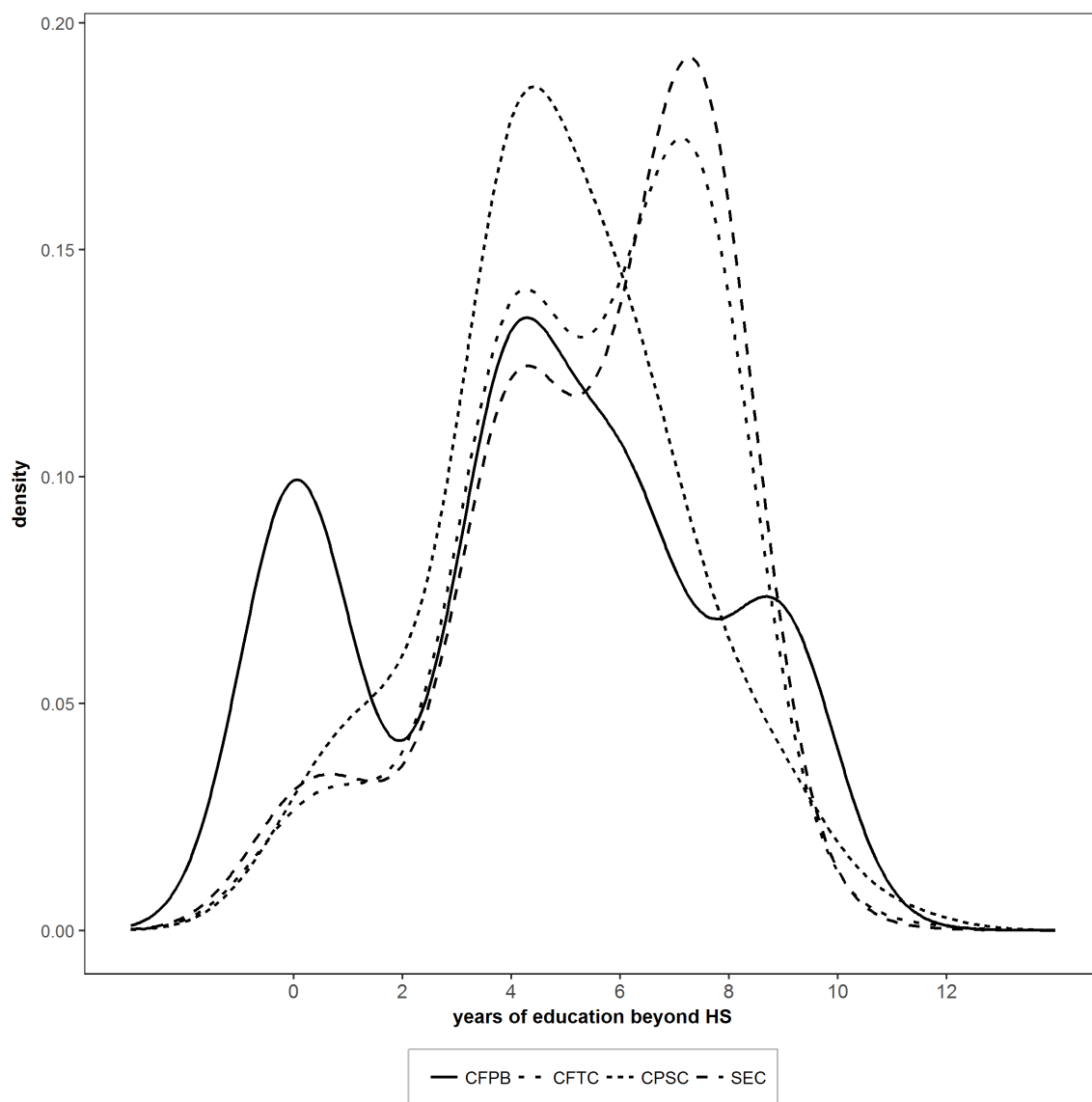


Figure 2: Comparative education distributions, CFPB with late period CPSC, CFTC, and SEC agencies

Note that the CFPB pay plan is CN, with grades 02 through 09 in 2011 and grades 21 through 90 afterward. CPSC, CFTC, and SEC use different pay plans, but grades consistently range from 01 through 18. For comparison, CN grades are scaled and shifted to an origin of 01 and range of 01 to 18. The 2011 CN shift and scale transformation is

$$grade_{scaled} = (grade_{CN} - 2) \times \frac{17}{7} + 1 \quad (1)$$

For 2012 through 2016 the transformation is

$$grade_{scaled} = (grade_{CN} - 21) \times \frac{17}{69} + 1 \quad (2)$$

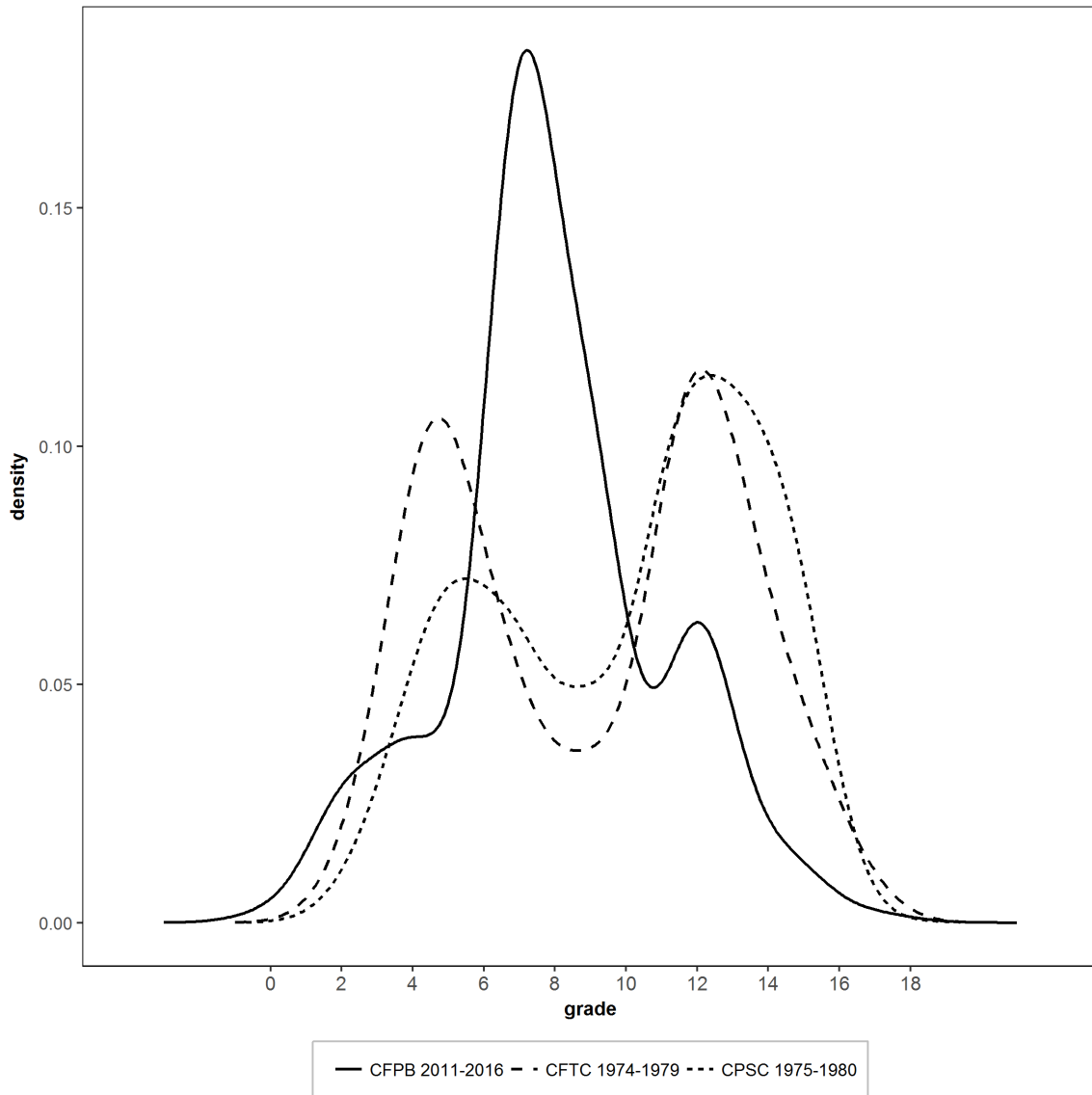


Figure 3: Comparative grade distributions, CFPB with early period CPSC and CFTC agencies

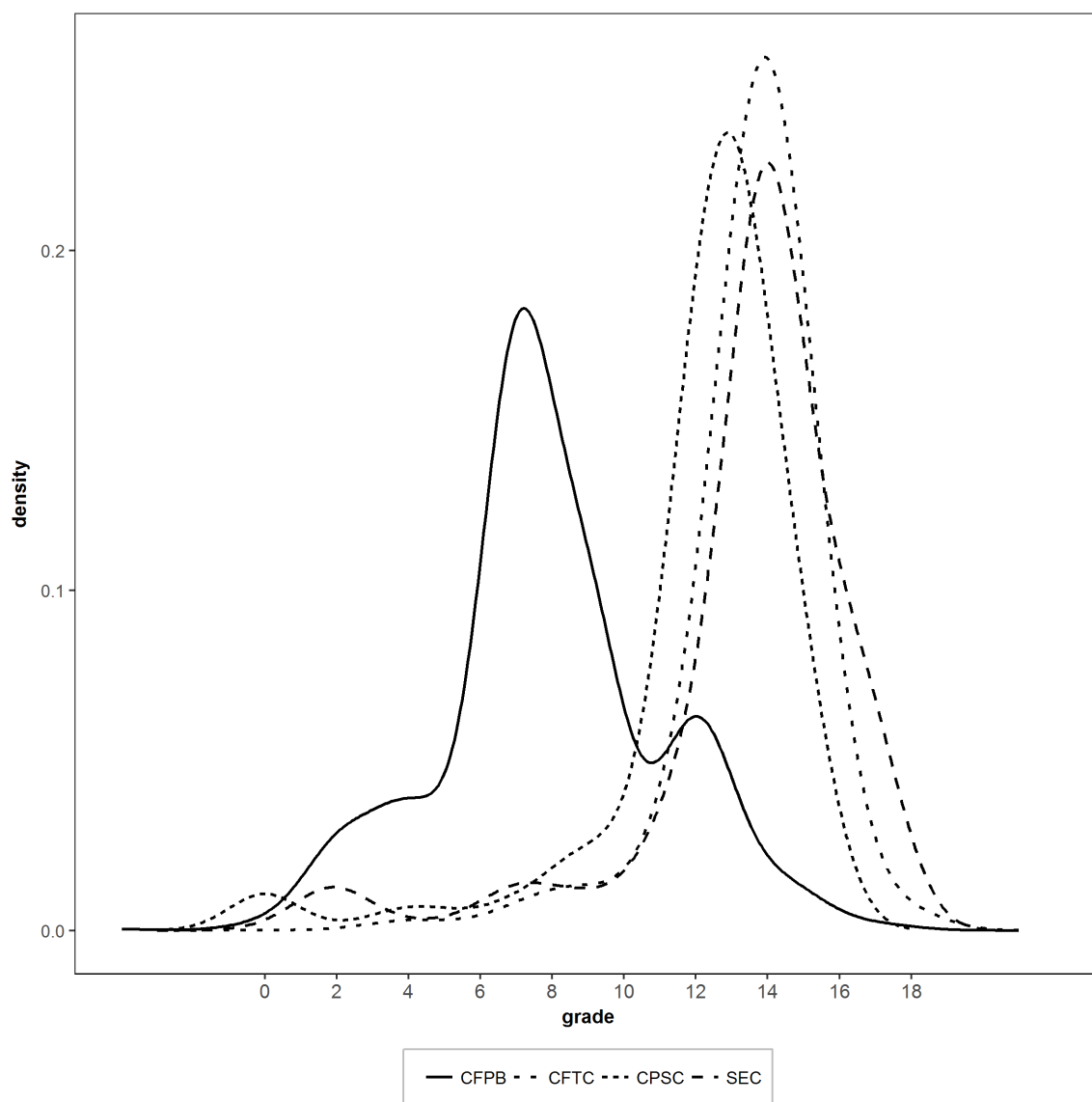


Figure 4: Comparative grade distributions, CFPB with late period CPSC, CFTC, and SEC agencies

Table 6: Occupational category codes

P	Professional
A	Administrative
T	Technical
C	Clerical
O	Other white collar
na	Missing

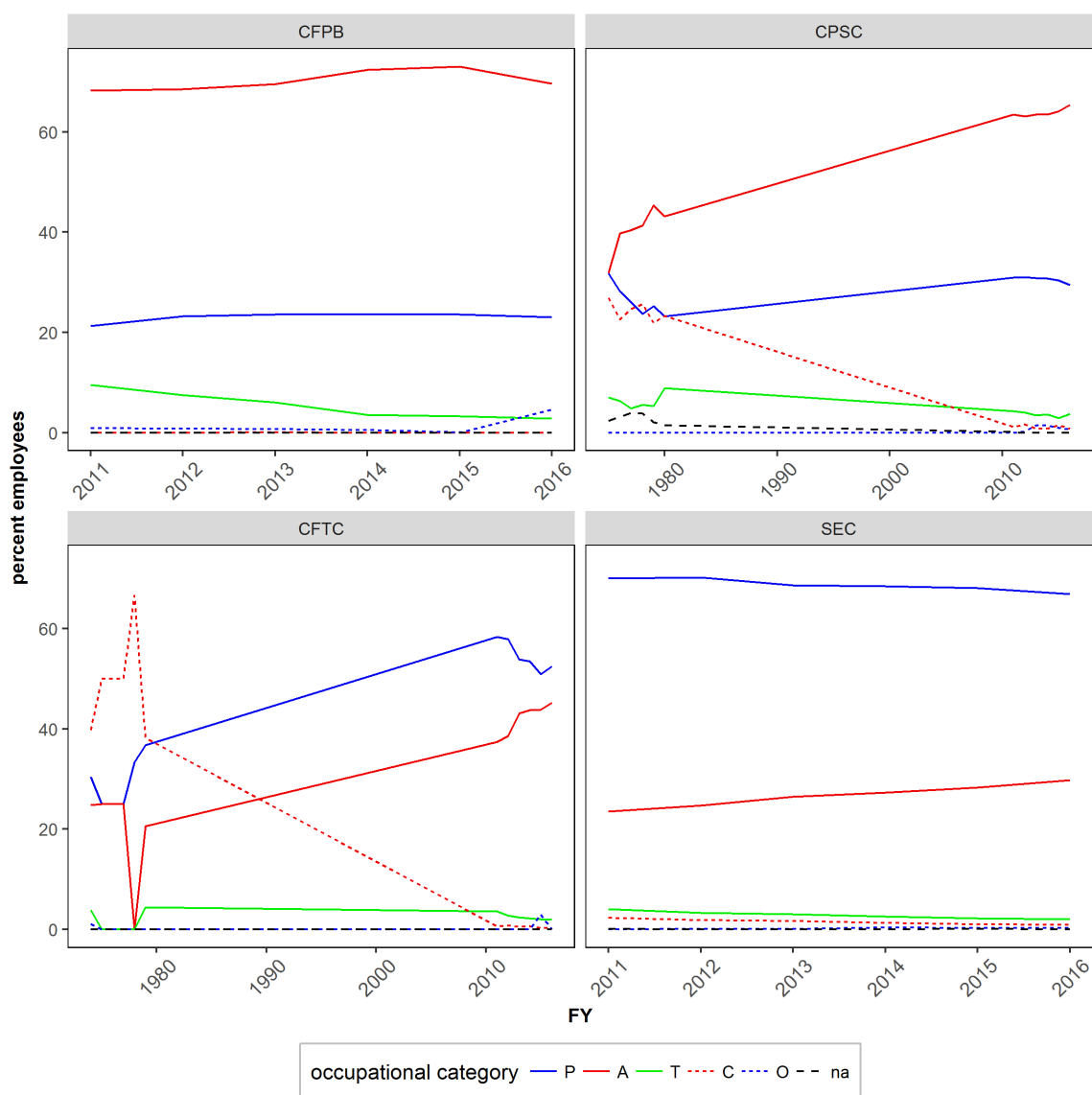


Figure 5: Percent employee by occupational category, early through late periods

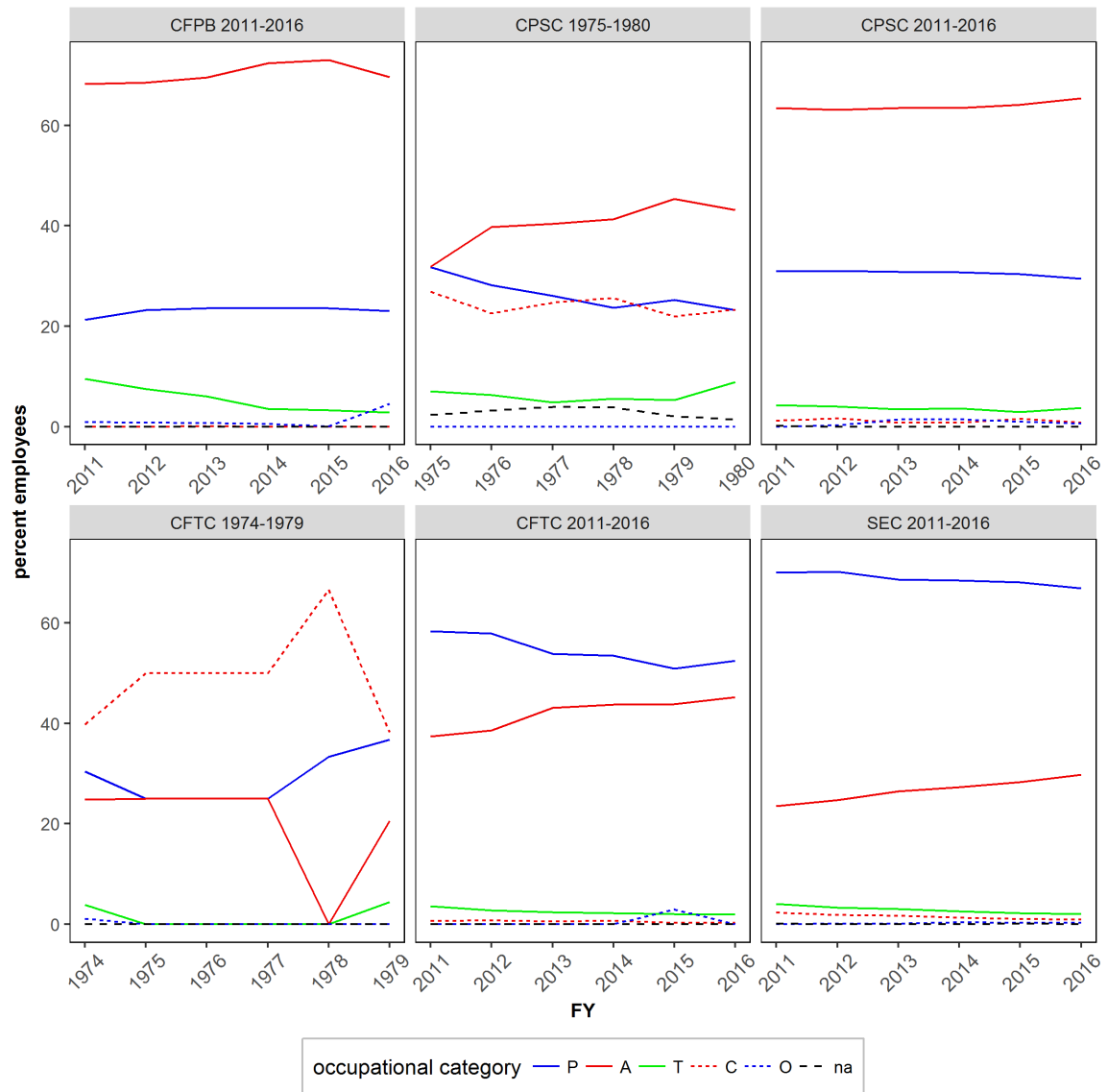


Figure 6: Percent employee by occupational category, agency and period contrasts