

Annex B

Model Fit for Latent Profile Analysis with Different Numbers of Profiles

Table B.1 Model fit for latent profile analysis with different numbers of profiles of teaching practices for Australia

Number of profiles of teaching practices	BIC	AIC	Entropy	% in p 1	% in p 2	% in p 3	% in p 4	% in p 5	% in p 6
2	13 047	12 985	0.82	73.49	26.52				
3	12 221	12 130	0.82	43.13	47.63	9.23			
4	11 736	11 617	0.83	33.90	42.90	4.17	19.03		
5	11 513	11 366	0.85	31.53	40.96	6.20	0.01	20.69	
6	11 424	11 249	0.81	27.37	34.75	0.57	21.97	11.46	3.88

Notes: AIC refers to the Akaike information criterion; BIC refers to the Bayesian information criterion.

Source: OECD, TALIS Database. *Teaching and Learning International Survey 2008*.


StatLink  <http://dx.doi.org/10.1787/888932647494>

Table B.2 Model fit for latent profile analysis with different numbers of profiles of teaching practices for Austria

Number of profiles of teaching practices	BIC	AIC	Entropy	% in p 1	% in p 2	% in p 3	% in p 4	% in p 5	% in p 6
2	22 669	22 599	0.87	78.11	21.89				
3	20 701	20 600	0.86	34.25	57.01	8.74			
4	19 411	19 279	0.87	47.21	14.22	35.74	2.83		
5	18 801	18 637	0.84	33.16	20.68	9.33	2.53	34.30	
6	18 305	18 110	0.86	33.71	21.77	31.32	0.60	9.93	2.68

Notes: AIC refers to the Akaike information criterion; BIC refers to the Bayesian information criterion.

Source: OECD, TALIS Database. *Teaching and Learning International Survey 2008*.


StatLink  <http://dx.doi.org/10.1787/888932647513>

Table B.3 Model fit for latent profile analysis with different numbers of profiles of teaching practices for Belgium (Flemish community)

Number of profiles of teaching practices	BIC	AIC	Entropy	% in p 1	% in p 2	% in p 3	% in p 4	% in p 5	% in p 6
2	16 629	16 561	0.91	83.11	16.90				
3	14 851	14 753	0.91	5.36	25.60	69.04			
4	13 936	13 807	0.89	28.01	10.58	58.61	2.80		
5	13 489	13 330	0.89	54.23	12.55	28.37	4.05	0.81	
6	13 155	12 965	0.88	48.45	2.44	0.42	28.10	14.63	5.96

Notes: AIC refers to the Akaike information criterion; BIC refers to the Bayesian information criterion.

Source: OECD, TALIS Database. *Teaching and Learning International Survey 2008*.


StatLink  <http://dx.doi.org/10.1787/888932647532>

Table B.4 Model fit for latent profile analysis with different numbers of profiles of teaching practices for Brazil

Number of profiles of teaching practices	BIC	AIC	Entropy	% in p 1	% in p 2	% in p 3	% in p 4	% in p 5	% in p 6
2	42 084	42 011	0.85	62.25	37.75				
3	38 205	38 099	0.87	36.85	42.34	20.80			
4	35 949	35 810	0.87	24.46	25.63	38.02	11.90		
5	34 234	34 061	0.88	16.45	27.98	30.52	17.73	7.32	
6	33 062	32 856	0.88	11.72	24.94	25.00	13.60	18.90	5.85

Notes: AIC refers to the Akaike information criterion; BIC refers to the Bayesian information criterion.

Source: OECD, TALIS Database. *Teaching and Learning International Survey 2008*.


StatLink  <http://dx.doi.org/10.1787/888932647551>

Table B.5 Model fit for latent profile analysis with different numbers of profiles of teaching practices for Bulgaria

Number of profiles of teaching practices	BIC	AIC	Entropy	% in p 1	% in p 2	% in p 3	% in p 4	% in p 5	% in p 6
2	24 170	24 101	0.80	62.22	37.78				
3	22 853	22 754	0.81	45.52	12.94	41.54			
4	21 960	21 830	0.82	9.62	11.64	42.37	36.37		
5	21 655	21 494	0.81	8.85	2.77	37.78	35.34	15.27	
6	21 374	21 182	0.82	7.66	5.03	32.88	34.76	3.18	16.48

Notes: AIC refers to the Akaike information criterion; BIC refers to the Bayesian information criterion.

Source: OECD, TALIS Database. *Teaching and Learning International Survey 2008*.


StatLink  <http://dx.doi.org/10.1787/888932647570>

Table B.6 Model fit for latent profile analysis with different numbers of profiles of teaching practices for Denmark

Number of profiles of teaching practices	BIC	AIC	Entropy	% in p 1	% in p 2	% in p 3	% in p 4	% in p 5	% in p 6
2	8 040	7 980	0.86	69.90	30.10				
3	7 028	6 941	0.86	47.89	11.34	40.77			
4	6 462	6 349	0.86	36.79	18.34	41.32	3.56		
5	6 050	5 909	0.86	17.37	12.36	2.59	38.48	29.19	
6	5 773	5 606	0.88	15.68	36.31	4.34	29.31	13.99	0.36

Notes: AIC refers to the Akaike information criterion; BIC refers to the Bayesian information criterion.

Source: OECD, TALIS Database. *Teaching and Learning International Survey 2008*.


StatLink  <http://dx.doi.org/10.1787/888932647589>

Table B.7 Model fit for latent profile analysis with different numbers of profiles of teaching practices for Estonia

Number of profiles of teaching practices	BIC	AIC	Entropy	% in p 1	% in p 2	% in p 3	% in p 4	% in p 5	% in p 6
2	18 254	18 188	0.85	77.80	22.20				
3	16 915	16 818	0.84	57.31	35.69	7.00			
4	16 337	16 210	0.84	38.28	12.58	46.78	2.37		
5	16 013	15 856	0.80	37.18	20.97	33.61	6.74	1.49	
6	15 797	15 610	0.82	31.12	36.21	0.29	22.89	7.29	2.20

Notes: AIC refers to the Akaike information criterion; BIC refers to the Bayesian information criterion.

Source: OECD, TALIS Database. *Teaching and Learning International Survey 2008*.


StatLink  <http://dx.doi.org/10.1787/888932647608>

Table B.8 Model fit for latent profile analysis with different numbers of profiles of teaching practices for Hungary

Number of profiles of teaching practices	BIC	AIC	Entropy	% in p 1	% in p 2	% in p 3	% in p 4	% in p 5	% in p 6
2	14 237	14 171	0.87	19.72	80.28				
3	13 044	12 949	0.83	37.25	7.53	55.23			
4	12 363	12 238	0.85	13.52	42.86	1.95	41.67		
5	11 936	11 781	0.84	19.23	32.16	6.27	1.39	40.94	
6	11 729	11 544	0.81	36.27	0.87	20.98	4.50	26.03	11.36

Notes: AIC refers to the Akaike information criterion; BIC refers to the Bayesian information criterion.

Source: OECD, TALIS Database. *Teaching and Learning International Survey 2008*.


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Table B.9 Model fit for latent profile analysis with different numbers of profiles of teaching practices for Iceland

Number of profiles of teaching practices	BIC	AIC	Entropy	% in p 1	% in p 2	% in p 3	% in p 4	% in p 5	% in p 6
2	6 151	6 095	0.84	77.88	22.12				
3	5 602	5 521	0.81	44.92	9.24	45.85			
4	5 337	5 230	0.84	12.88	46.70	1.86	38.56		
5	5 183	5 051	0.82	23.14	1.36	23.22	44.32	7.97	
6	5 102	4 945	0.85	23.48	24.07	42.80	7.71	1.70	0.25

Notes: AIC refers to the Akaike information criterion; BIC refers to the Bayesian information criterion.

Source: OECD, TALIS Database. *Teaching and Learning International Survey 2008*.


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Table B.10 Model fit for latent profile analysis with different numbers of profiles of teaching practices for Ireland

Number of profiles of teaching practices	BIC	AIC	Entropy	% in p 1	% in p 2	% in p 3	% in p 4	% in p 5	% in p 6
2	11 316	11 254	0.84	20.93	79.07				
3	10 697	10 606	0.87	69.13	3.30	27.58			
4	10 496	10 377	0.82	55.80	10.72	1.92	31.56		
5	10 325	10 177	0.81	51.21	10.67	2.34	6.18	29.59	
6	10 108	9 931	0.79	10.31	6.83	2.20	44.48	10.22	25.97

Notes: AIC refers to the Akaike information criterion; BIC refers to the Bayesian information criterion.

Source: OECD, TALIS Database. *Teaching and Learning International Survey 2008*.


StatLink  <http://dx.doi.org/10.1787/888932647665>

Table B.11 Model fit for latent profile analysis with different numbers of profiles of teaching practices for Italy

Number of profiles of teaching practices	BIC	AIC	Entropy	% in p 1	% in p 2	% in p 3	% in p 4	% in p 5	% in p 6
2	31 888	31 816	0.82	67.25	32.75				
3	29 457	29 353	0.83	45.52	41.30	13.18			
4	27 950	27 813	0.83	43.92	7.49	21.27	27.32		
5	27 008	26 839	0.85	15.84	28.14	38.79	13.60	3.64	
6	26 572	26 370	0.85	15.08	26.62	36.59	5.91	14.82	0.98

Notes: AIC refers to the Akaike information criterion; BIC refers to the Bayesian information criterion.

Source: OECD, TALIS Database. *Teaching and Learning International Survey 2008*.


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Table B.12 Model fit for latent profile analysis with different numbers of profiles of teaching practices for Korea

Number of profiles of teaching practices	BIC	AIC	Entropy	% in p 1	% in p 2	% in p 3	% in p 4	% in p 5	% in p 6
2	21 906	21 840	0.92	82.88	17.12				
3	20 154	20 058	0.89	27.35	7.31	65.34			
4	19 370	19 244	0.83	37.30	16.75	40.08	5.87		
5	18 700	18 544	0.87	31.47	41.11	2.75	6.59	18.09	
6	18 433	18 248	0.84	25.26	5.05	10.36	38.47	18.33	2.54

Notes: AIC refers to the Akaike information criterion; BIC refers to the Bayesian information criterion.

Source: OECD, TALIS Database. *Teaching and Learning International Survey 2008*.


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Table B.13 Model fit for latent profile analysis with different numbers of profiles of teaching practices for Lithuania

Number of profiles of teaching practices	BIC	AIC	Entropy	% in p 1	% in p 2	% in p 3	% in p 4	% in p 5	% in p 6
2	23 686	23 619	0.82	72.46	27.54				
3	21 962	21 864	0.83	45.03	10.68	44.29			
4	21 095	20 966	0.81	20.32	45.62	26.01	8.05		
5	20 666	20 507	0.80	8.64	31.55	17.43	6.31	36.07	
6	20 354	20 164	0.81	22.74	7.90	35.57	22.77	8.05	2.98

Notes: AIC refers to the Akaike information criterion; BIC refers to the Bayesian information criterion.

Source: OECD, TALIS Database. *Teaching and Learning International Survey 2008*.


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Table B.14 Model fit for latent profile analysis with different numbers of profiles of teaching practices for Malaysia

Number of profiles of teaching practices	BIC	AIC	Entropy	% in p 1	% in p 2	% in p 3	% in p 4	% in p 5	% in p 6
2	32 417	32 347	0.84	30.62	69.38				
3	29 678	29 577	0.86	43.24	14.80	41.96			
4	28 600	28 467	0.88	38.54	3.87	41.01	16.58		
5	27 737	27 572	0.85	21.35	28.70	32.80	13.85	3.30	
6	27 221	27 024	0.85	10.34	18.69	2.75	29.06	28.08	11.08

Notes: AIC refers to the Akaike information criterion; BIC refers to the Bayesian information criterion.

Source: OECD, TALIS Database. *Teaching and Learning International Survey 2008*.


StatLink  <http://dx.doi.org/10.1787/888932647722>

Table B.15 Model fit for latent profile analysis with different numbers of profiles of teaching practices for Malta

Number of profiles of teaching practices	BIC	AIC	Entropy	% in p 1	% in p 2	% in p 3	% in p 4	% in p 5	% in p 6
2	5 941	5 885	0.90	82.00	18.00				
3	5 402	5 322	0.88	28.08	8.37	63.55			
4	5 246	5 140	0.82	45.55	7.20	32.40	14.85		
5	5 127	4 996	0.84	18.45	31.59	7.11	1.89	40.95	
6	5 100	4 945	0.83	17.10	6.03	5.49	31.50	38.07	1.80

Notes: AIC refers to the Akaike information criterion; BIC refers to the Bayesian information criterion.

Source: OECD, TALIS Database. *Teaching and Learning International Survey 2008*.


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Table B.16 Model fit for latent profile analysis with different numbers of profiles of teaching practices for Mexico

Number of profiles of teaching practices	BIC	AIC	Entropy	% in p 1	% in p 2	% in p 3	% in p 4	% in p 5	% in p 6
2	22 166	22 099	0.82	46.20	53.80				
3	20 112	20 014	0.86	33.65	22.68	43.68			
4	19 184	19 056	0.84	16.38	34.01	16.90	32.71		
5	18 494	18 336	0.86	29.91	12.28	30.70	19.42	7.69	
6	18 104	17 915	0.85	9.51	21.34	25.26	23.59	4.77	15.53

Notes: AIC refers to the Akaike information criterion; BIC refers to the Bayesian information criterion.

Source: OECD, TALIS Database. *Teaching and Learning International Survey 2008*.


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Table B.17 Model fit for latent profile analysis with different numbers of profiles of teaching practices for Norway

Number of profiles of teaching practices	BIC	AIC	Entropy	% in p 1	% in p 2	% in p 3	% in p 4	% in p 5	% in p 6
2	10 163	10 100	0.83	70.83	29.17				
3	9 086	8 994	0.82	44.81	12.66	42.53			
4	8 548	8 428	0.83	30.92	20.54	43.76	4.77		
5	8 185	8 036	0.84	21.64	10.69	39.33	0.88	27.46	
6	7 953	7 775	0.84	16.21	36.22	0.35	27.68	14.50	5.04

Notes: AIC refers to the Akaike information criterion; BIC refers to the Bayesian information criterion.

Source: OECD, TALIS Database. *Teaching and Learning International Survey 2008*.


StatLink  <http://dx.doi.org/10.1787/888932647798>

Table B.18 Model fit for latent profile analysis with different numbers of profiles of teaching practices for Poland

Number of profiles of teaching practices	BIC	AIC	Entropy	% in p 1	% in p 2	% in p 3	% in p 4	% in p 5	% in p 6
2	20 108	20 042	0.79	36.09	63.91				
3	18 510	18 413	0.82	13.79	49.71	36.50			
4	17 938	17 811	0.81	27.73	5.33	44.22	22.72		
5	17 611	17 454	0.80	17.03	36.60	31.36	12.40	2.60	
6	17 452	17 265	0.79	8.45	32.65	2.28	26.64	9.42	20.57

Notes: AIC refers to the Akaike information criterion; BIC refers to the Bayesian information criterion.

Source: OECD, TALIS Database. *Teaching and Learning International Survey 2008*.


StatLink  <http://dx.doi.org/10.1787/888932647817>

Table B.19 Model fit for latent profile analysis with different numbers of profiles of teaching practices for Portugal

Number of profiles of teaching practices	BIC	AIC	Entropy	% in p 1	% in p 2	% in p 3	% in p 4	% in p 5	% in p 6
2	19 265	19 199	0.85	77.91	22.10				
3	18 194	18 098	0.83	54.46	9.66	35.88			
4	17 731	17 605	0.83	42.91	3.01	39.90	14.19		
5	17 443	17 287	0.82	33.24	2.37	36.32	8.65	19.43	
6	17 299	17 113	0.82	32.77	5.27	18.21	2.37	32.80	8.58

Notes: AIC refers to the Akaike information criterion; BIC refers to the Bayesian information criterion.

Source: OECD, TALIS Database. *Teaching and Learning International Survey 2008*.

StatLink  <http://dx.doi.org/10.1787/888932647836>

Table B.20 Model fit for latent profile analysis with different numbers of profiles of teaching practices for the Slovak Republic

Number of profiles of teaching practices	BIC	AIC	Entropy	% in p 1	% in p 2	% in p 3	% in p 4	% in p 5	% in p 6
2	19 785	19 719	0.84	74.89	25.12				
3	18 013	17 916	0.86	53.55	38.26	8.19			
4	17 241	17 115	0.86	43.49	39.58	2.93	14.00		
5	16 568	16 412	0.85	27.58	1.97	24.56	8.58	37.31	
6	16 304	16 118	0.85	25.54	36.75	0.82	23.93	9.11	3.85

Notes: AIC refers to the Akaike information criterion; BIC refers to the Bayesian information criterion.

Source: OECD, TALIS Database. *Teaching and Learning International Survey 2008*.


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Table B.21 Model fit for latent profile analysis with different numbers of profiles of teaching practices for Slovenia

Number of profiles of teaching practices	BIC	AIC	Entropy	% in p 1	% in p 2	% in p 3	% in p 4	% in p 5	% in p 6
2	16 261	16 195	0.83	78.20	21.81				
3	15 066	14 970	0.84	59.84	34.75	5.41			
4	14 495	14 369	0.84	50.58	10.72	37.29	1.42		
5	14 091	13 936	0.80	22.11	43.04	5.54	1.05	28.26	
6	13 904	13 718	0.79	42.80	1.01	11.70	3.96	27.92	12.61

Notes: AIC refers to the Akaike information criterion; BIC refers to the Bayesian information criterion.

Source: OECD, TALIS Database. *Teaching and Learning International Survey 2008*.


StatLink  <http://dx.doi.org/10.1787/888932647874>

Table B.22 Model fit for latent profile analysis with different numbers of profiles of teaching practices for Spain

Number of profiles of teaching practices	BIC	AIC	Entropy	% in p 1	% in p 2	% in p 3	% in p 4	% in p 5	% in p 6
2	19 467	19 400	0.88	78.55	21.45				
3	17 301	17 203	0.89	32.80	6.73	60.47			
4	16 223	16 095	0.86	44.43	34.36	4.47	16.74		
5	15 423	15 265	0.88	34.24	2.17	5.85	38.83	18.91	
6	15 041	14 852	0.85	27.14	5.23	2.05	30.78	13.56	21.24

Notes: AIC refers to the Akaike information criterion; BIC refers to the Bayesian information criterion.

Source: OECD, TALIS Database. *Teaching and Learning International Survey 2008*.


StatLink  <http://dx.doi.org/10.1787/888932647893>

Table B.23 Model fit for latent profile analysis with different numbers of profiles of teaching practices for Turkey

Number of profiles of teaching practices	BIC	AIC	Entropy	% in p 1	% in p 2	% in p 3	% in p 4	% in p 5	% in p 6
2	24 852	24 786	0.86	66.77	33.23				
3	22 702	22 605	0.86	40.19	43.07	16.74			
4	21 481	21 354	0.87	30.36	38.39	8.94	22.32		
5	20 878	20 721	0.86	25.81	21.87	31.00	6.77	14.55	
6	20 464	20 277	0.86	16.32	26.48	4.39	26.77	17.00	9.03

Notes: AIC refers to the Akaike information criterion; BIC refers to the Bayesian information criterion.

Source: OECD, TALIS Database. *Teaching and Learning International Survey 2008*.


StatLink  <http://dx.doi.org/10.1787/888932647912>

Table B.24 Model fit for latent profile analysis with different numbers of profiles of participation in professional learning communities for Australia

Number of profiles of teaching practices	BIC	AIC	Entropy	% in p 1	% in p 2	% in p 3	% in p 4	% in p 5	% in p 6
2	44 953	44 839	0.89	56.25	43.75				
3	44 267	44 107	0.89	50.80	6.59	42.62			
4	43 909	43 704	0.93	6.86	53.70	29.81	9.63		
5	43 290	43 039	0.93	43.84	5.82	25.94	12.99	11.40	
6	43 084	42 788	0.90	37.17	12.72	17.99	19.45	5.45	7.22

Notes: AIC refers to the Akaike information criterion; BIC refers to the Bayesian information criterion.

Source: OECD, TALIS Database. *Teaching and Learning International Survey 2008*.


StatLink  <http://dx.doi.org/10.1787/888932647931>

Table B.25 Model fit for latent profile analysis with different numbers of profiles of participation in professional learning communities for Austria

Number of profiles of teaching practices	BIC	AIC	Entropy	% in p 1	% in p 2	% in p 3	% in p 4	% in p 5	% in p 6
2	79 942	79 816	0.92	49.57	50.43				
3	78 053	77 876	0.92	49.57	12.37	38.07			
4	76 235	76 008	0.96	43.39	28.18	18.59	9.84		
5	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	
6	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.

Notes: AIC refers to the Akaike information criterion; BIC refers to the Bayesian information criterion.

Source: OECD, TALIS Database. *Teaching and Learning International Survey 2008*.


StatLink  <http://dx.doi.org/10.1787/888932647950>

Table B.26 Model fit for latent profile analysis with different numbers of profiles of participation in professional learning communities for Belgium (Flemish community)

Number of profiles of teaching practices	BIC	AIC	Entropy	% in p 1	% in p 2	% in p 3	% in p 4	% in p 5	% in p 6
2	57 449	57 327	0.99	88.34	11.66				
3	55 504	55 333	0.99	79.57	12.71	7.72			
4	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.		
5	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	
6	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.

Notes: AIC refers to the Akaike information criterion; BIC refers to the Bayesian information criterion.

Source: OECD, TALIS Database. *Teaching and Learning International Survey 2008*.


StatLink  <http://dx.doi.org/10.1787/888932647969>

Table B.27 Model fit for latent profile analysis with different numbers of profiles of participation in professional learning communities for Brazil

Number of profiles of teaching practices	BIC	AIC	Entropy	% in p 1	% in p 2	% in p 3	% in p 4	% in p 5	% in p 6
2	117 186	117 053	0.97	80.58	19.42				
3	113 406	113 220	0.99	12.44	7.75	79.82			
4	110 289	110 049	0.93	48.68	31.19	7.72	12.42		
5	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	
6	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.

Notes: AIC refers to the Akaike information criterion; BIC refers to the Bayesian information criterion.

Source: OECD, TALIS Database. *Teaching and Learning International Survey 2008*.


StatLink  <http://dx.doi.org/10.1787/888932647988>

Table B.28 Model fit for latent profile analysis with different numbers of profiles of participation in professional learning communities for Bulgaria

Number of profiles of teaching practices	BIC	AIC	Entropy	% in p 1	% in p 2	% in p 3	% in p 4	% in p 5	% in p 6
2	64 826	64 702	0.96	83.81	16.19				
3	61 891	61 717	0.97	78.18	12.11	9.71			
4	61 131	60 906	0.95	72.92	9.21	6.26	11.61		
5	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	
6	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.

Notes: AIC refers to the Akaike information criterion; BIC refers to the Bayesian information criterion.

Source: OECD, TALIS Database. *Teaching and Learning International Survey 2008*.


StatLink  <http://dx.doi.org/10.1787/888932648007>

Table B.29 Model fit for latent profile analysis with different numbers of profiles of participation in professional learning communities for Denmark

Number of profiles of teaching practices	BIC	AIC	Entropy	% in p 1	% in p 2	% in p 3	% in p 4	% in p 5	% in p 6
2	32 356	32 247	0.96	22.78	77.22				
3	31 491	31 339	0.93	11.63	66.49	21.88			
4	30 942	30 746	0.95	11.99	60.47	15.50	12.05		
5	30 482	30 243	0.96	10.73	45.68	21.59	9.96	12.05	
6	30 447	30 165	0.88	8.59	37.39	1.07	26.60	14.91	11.45

Notes: AIC refers to the Akaike information criterion; BIC refers to the Bayesian information criterion.

Source: OECD, TALIS Database. *Teaching and Learning International Survey 2008*.


StatLink  <http://dx.doi.org/10.1787/888932648026>

Table B.30 Model fit for latent profile analysis with different numbers of profiles of participation in professional learning communities for Estonia

Number of profiles of teaching practices	BIC	AIC	Entropy	% in p 1	% in p 2	% in p 3	% in p 4	% in p 5	% in p 6
2	62 318	62 198	0.84	45.48	54.52				
3	61 280	61 111	0.94	46.44	25.58	27.98			
4	60 871	60 653	0.88	10.93	25.83	35.45	27.79		
5	60 649	60 383	0.90	11.09	26.06	35.22	3.49	24.14	
6	60 412	60 098	0.90	10.71	3.85	3.72	35.83	21.99	23.91

Notes: AIC refers to the Akaike information criterion; BIC refers to the Bayesian information criterion.

Source: OECD, TALIS Database. *Teaching and Learning International Survey 2008*.


StatLink  <http://dx.doi.org/10.1787/888932648045>

Table B.31 Model fit for latent profile analysis with different numbers of profiles of participation in professional learning communities for Hungary

Number of profiles of teaching practices	BIC	AIC	Entropy	% in p 1	% in p 2	% in p 3	% in p 4	% in p 5	% in p 6
2	53 899	53 779	0.94	84.83	15.17				
3	52 409	52 241	0.98	11.41	82.18	6.41			
4	51 102	50 887	0.98	70.91	16.37	6.48	6.24		
5	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	
6	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.

Notes: AIC refers to the Akaike information criterion; BIC refers to the Bayesian information criterion.

Source: OECD, TALIS Database. *Teaching and Learning International Survey 2008*.


StatLink  <http://dx.doi.org/10.1787/888932648064>

Table B.32 Model fit for latent profile analysis with different numbers of profiles of participation in professional learning communities for Iceland

Number of profiles of teaching practices	BIC	AIC	Entropy	% in p 1	% in p 2	% in p 3	% in p 4	% in p 5	% in p 6
2	25 982	25 880	0.96	37.11	62.89				
3	25 027	24 883	0.97	60.98	7.77	31.25			
4	24 764	24 579	0.95	21.41	7.77	9.52	61.30		
5	24 224	23 998	0.96	7.93	21.33	54.24	9.68	6.82	
6	24 121	23 854	0.87	29.82	24.35	6.74	7.93	21.57	9.60

Notes: AIC refers to the Akaike information criterion; BIC refers to the Bayesian information criterion.

Source: OECD, TALIS Database. *Teaching and Learning International Survey 2008*.


StatLink  <http://dx.doi.org/10.1787/888932648083>

Table B.33 Model fit for latent profile analysis with different numbers of profiles of participation in professional learning communities for Ireland

Number of profiles of teaching practices	BIC	AIC	Entropy	% in p 1	% in p 2	% in p 3	% in p 4	% in p 5	% in p 6
2	38 046	37 932	1.00	94.94	5.06				
3	36 225	36 066	0.98	78.05	4.97	16.98			
4	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.		
5	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	
6	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.

Notes: AIC refers to the Akaike information criterion; BIC refers to the Bayesian information criterion.

Source: OECD, TALIS Database. *Teaching and Learning International Survey 2008*.


StatLink  <http://dx.doi.org/10.1787/888932648102>

Table B.34 Model fit for latent profile analysis with different numbers of profiles of participation in professional learning communities for Italy

Number of profiles of teaching practices	BIC	AIC	Entropy	% in p 1	% in p 2	% in p 3	% in p 4	% in p 5	% in p 6
2	94 226	94 095	0.98	44.45	55.55				
3	89 191	89 008	0.98	43.01	48.45	8.54			
4	87 904	87 669	0.95	35.52	12.60	43.34	8.54		
5	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	
6	85 421	85 081	0.95	2.16	8.60	35.23	5.81	33.42	14.78

Notes: AIC refers to the Akaike information criterion; BIC refers to the Bayesian information criterion.

Source: OECD, TALIS Database. *Teaching and Learning International Survey 2008*.


StatLink  <http://dx.doi.org/10.1787/888932648121>

Table B.35 Model fit for latent profile analysis with different numbers of profiles of participation in professional learning communities for Korea

Number of profiles of teaching practices	BIC	AIC	Entropy	% in p 1	% in p 2	% in p 3	% in p 4	% in p 5	% in p 6
2	56 178	56 058	0.95	20.79	79.21				
3	54 724	54 557	0.99	70.39	13.57	16.03			
4	53 454	53 238	0.87	13.57	16.03	39.25	31.15		
5	53 148	52 885	0.85	13.59	16.16	23.31	40.53	6.41	
6	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.

Notes: AIC refers to the Akaike information criterion; BIC refers to the Bayesian information criterion.

Source: OECD, TALIS Database. *Teaching and Learning International Survey 2008*.


StatLink  <http://dx.doi.org/10.1787/888932648140>

Table B.36 Model fit for latent profile analysis with different numbers of profiles of participation in professional learning communities for Lithuania

Number of profiles of teaching practices	BIC	AIC	Entropy	% in p 1	% in p 2	% in p 3	% in p 4	% in p 5	% in p 6
2	66 152	66 029	0.84	24.60	75.40				
3	65 777	65 604	0.69	19.82	23.11	57.07			
4	64 986	64 764	0.84	13.57	10.20	23.02	53.21		
5	64 433	64 162	0.87	12.85	12.96	28.16	8.79	37.24	
6	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.

Notes: AIC refers to the Akaike information criterion; BIC refers to the Bayesian information criterion.

Source: OECD, TALIS Database. *Teaching and Learning International Survey 2008*.


StatLink  <http://dx.doi.org/10.1787/888932648159>

Table B.37 Model fit for latent profile analysis with different numbers of profiles of participation in professional learning communities for Malaysia

Number of profiles of teaching practices	BIC	AIC	Entropy	% in p 1	% in p 2	% in p 3	% in p 4	% in p 5	% in p 6
2	78 380	78 253	0.91	51.54	48.46				
3	76 696	76 518	0.97	48.49	33.31	18.20			
4	75 598	75 369	0.94	37.35	23.48	15.15	24.02		
5	74 815	74 535	0.94	3.45	34.23	15.13	23.90	23.29	
6	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.

Notes: AIC refers to the Akaike information criterion; BIC refers to the Bayesian information criterion.

Source: OECD, TALIS Database. *Teaching and Learning International Survey 2008*.

StatLink  <http://dx.doi.org/10.1787/888932648178>

Table B.38 Model fit for latent profile analysis with different numbers of profiles of participation in professional learning communities for Malta

Number of profiles of teaching practices	BIC	AIC	Entropy	% in p 1	% in p 2	% in p 3	% in p 4	% in p 5	% in p 6
2	20 155	20 055	1.00	91.56	8.44				
3	19 416	19 275	0.98	78.28	13.47	8.26			
4	18 989	18 809	0.98	9.25	11.13	5.84	73.79		
5	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	
6	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.

Notes: AIC refers to the Akaike information criterion; BIC refers to the Bayesian information criterion.

Source: OECD, TALIS Database. *Teaching and Learning International Survey 2008*.


StatLink  <http://dx.doi.org/10.1787/888932648197>

Table B.39 Model fit for latent profile analysis with different numbers of profiles of participation in professional learning communities for Mexico

Number of profiles of teaching practices	BIC	AIC	Entropy	% in p 1	% in p 2	% in p 3	% in p 4	% in p 5	% in p 6
2	68 357	68 235	0.96	45.39	54.61				
3	66 705	66 534	0.94	40.29	40.67	19.04			
4	64 840	64 619	0.98	38.80	13.98	40.56	6.57		
5	64 277	64 008	0.92	44.26	12.56	28.83	8.95	5.40	
6	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.

Notes: AIC refers to the Akaike information criterion; BIC refers to the Bayesian information criterion.

Source: OECD, TALIS Database. *Teaching and Learning International Survey 2008*.

StatLink  <http://dx.doi.org/10.1787/888932648216>

Table B.40 Model fit for latent profile analysis with different numbers of profiles of participation in professional learning communities for Norway

Number of profiles of teaching practices	BIC	AIC	Entropy	% in p 1	% in p 2	% in p 3	% in p 4	% in p 5	% in p 6
2	47 213	47 098	0.95	29.88	70.12				
3	45 756	45 595	0.97	26.25	14.17	59.58			
4	44 920	44 712	0.93	26.21	38.80	14.21	20.79		
5	44 499	44 246	0.95	23.56	2.65	14.00	38.80	21.00	
6	44 375	44 075	0.92	14.04	3.71	35.38	23.77	2.65	20.44

Notes: AIC refers to the Akaike information criterion; BIC refers to the Bayesian information criterion.

Source: OECD, TALIS Database. *Teaching and Learning International Survey 2008*.


StatLink  <http://dx.doi.org/10.1787/888932648235>

Table B.41 Model fit for latent profile analysis with different numbers of profiles of participation in professional learning communities for Poland

Number of profiles of teaching practices	BIC	AIC	Entropy	% in p 1	% in p 2	% in p 3	% in p 4	% in p 5	% in p 6
2	59 639	59 518	0.83	32.85	67.16				
3	58 938	58 769	0.80	23.71	49.05	27.24			
4	57 969	57 751	0.85	19.92	25.24	25.33	29.50		
5	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
6	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.

Notes: AIC refers to the Akaike information criterion; BIC refers to the Bayesian information criterion.

Source: OECD, TALIS Database. *Teaching and Learning International Survey 2008*.


StatLink  <http://dx.doi.org/10.1787/888932648254>

Table B.42 Model fit for latent profile analysis with different numbers of profiles of participation in professional learning communities for Portugal

Number of profiles of teaching practices	BIC	AIC	Entropy	% in p 1	% in p 2	% in p 3	% in p 4	% in p 5	% in p 6
2	57 561	57 441	0.98	87.33	12.68				
3	55 490	55 322	0.99	7.98	4.72	87.29			
4	54 019	53 803	0.95	4.66	32.37	55.02	7.95		
5	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
6	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.

Notes: AIC refers to the Akaike information criterion; BIC refers to the Bayesian information criterion.

Source: OECD, TALIS Database. *Teaching and Learning International Survey 2008*.


StatLink  <http://dx.doi.org/10.1787/888932648273>

Table B.43 Model fit for latent profile analysis with different numbers of profiles of participation in professional learning communities for the Slovak Republic

Number of profiles of teaching practices	BIC	AIC	Entropy	% in p 1	% in p 2	% in p 3	% in p 4	% in p 5	% in p 6
2	58 502	58 381	0.85	39.09	60.91				
3	57 928	57 759	0.87	34.21	5.62	60.17			
4	57 501	57 284	0.85	4.79	10.99	33.70	50.53		
5	57 240	56 974	0.82	6.81	27.59	12.43	32.06	21.11	
6	57 017	56 702	0.85	5.27	3.98	5.78	25.47	29.52	29.97

Notes: AIC refers to the Akaike information criterion; BIC refers to the Bayesian information criterion.

Source: OECD, TALIS Database. *Teaching and Learning International Survey 2008*.


StatLink  <http://dx.doi.org/10.1787/888932648292>

Table B.44 Model fit for latent profile analysis with different numbers of profiles of participation in professional learning communities for Slovenia

Number of profiles of teaching practices	BIC	AIC	Entropy	% in p 1	% in p 2	% in p 3	% in p 4	% in p 5	% in p 6
2	59 080	58 960	0.83	68.47	31.53				
3	58 178	58 010	0.94	64.74	28.09	7.17			
4	57 447	57 230	0.89	52.05	12.79	27.99	7.17		
5	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
6	56 758	56 445	0.86	11.28	7.82	35.75	20.72	16.91	7.52

Notes: AIC refers to the Akaike information criterion; BIC refers to the Bayesian information criterion.

Source: OECD, TALIS Database. *Teaching and Learning International Survey 2008*.


StatLink  <http://dx.doi.org/10.1787/888932648311>

Table B.45 Model fit for latent profile analysis with different numbers of profiles of participation in professional learning communities for Spain

Number of profiles of teaching practices	BIC	AIC	Entropy	% in p 1	% in p 2	% in p 3	% in p 4	% in p 5	% in p 6
2	62 271	62 149	0.99	90.83	9.17				
3	59 775	59 604	0.97	72.53	9.20	18.28			
4	57 687	57 467	0.98	72.50	18.34	6.88	2.28		
5	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	
6	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.

Notes: AIC refers to the Akaike information criterion; BIC refers to the Bayesian information criterion.

Source: OECD, TALIS Database. *Teaching and Learning International Survey 2008*.



StatLink  <http://dx.doi.org/10.1787/888932648330>

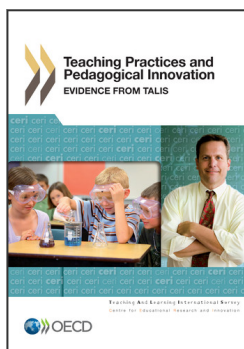
Table B.46 Model fit for latent profile analysis with different numbers of profiles of participation in professional learning communities for Turkey

Number of profiles of teaching practices	BIC	AIC	Entropy	% in p 1	% in p 2	% in p 3	% in p 4	% in p 5	% in p 6
2	62 144	62 023	0.94	78.01	21.99				
3	60 827	60 658	0.77	39.34	38.86	21.80			
4	58 673	58 455	0.85	37.43	36.41	16.04	10.12		
5	58 200	57 934	0.84	22.72	7.23	16.04	43.89	10.12	
6	57 476	57 161	0.87	27.05	5.25	16.14	37.59	4.90	9.07

Notes: AIC refers to the Akaike information criterion; BIC refers to the Bayesian information criterion.

Source: OECD, TALIS Database. *Teaching and Learning International Survey 2008*.

StatLink  <http://dx.doi.org/10.1787/888932648349>



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