

Appendix I - PISA 2018 Results among the Participated Countries/Economies

Rank	Reading Performance		Mathematical Performance		Scientific Performance	
	Countries/Economies	Score	Countries/Economies	Score	Countries/Economies	Score
1	B-S-J-Z (China) ¹	555	B-S-J-Z (China) ¹	591	B-S-J-Z (China) ¹	590
2	Singapore	549	Singapore	569	Singapore	551
3	Macao (China)	525	Macao (China)	558	Macao (China)	544
4	Hong Kong (China)	524	Hong Kong (China)	551	Estonia	530
5	Estonia	523	Chinese Taipei	531	Japan	529
6	Canada	520	Japan	527	Finland	522
7	Finland	520	Korea	526	Korea	519
8	Ireland	518	Estonia	523	Canada	518
9	Korea	514	The Netherlands	519	Hong Kong (China)	517
10	Poland	512	Poland	516	Chinese Taipei	516
11	Sweden	506	Switzerland	515	Poland	511
12	New Zealand	506	Canada	512	New Zealand	508
13	United States	505	Denmark	509	Slovenia	507
14	United Kingdom	504	Slovenia	509	United Kingdom	505
15	Japan	504	Belgium	508	The Netherlands	503
16	Australia	503	Finland	507	Germany	503
17	Chinese Taipei	503	Sweden	502	Australia	503
18	Denmark	501	United Kingdom	502	United States	502
19	Norway	499	Norway	501	Sweden	499
20	Germany	498	Germany	500	Belgium	499
21	Slovenia	495	Ireland	500	Czech Republic	497
22	Belgium	493	Czech Republic	499	Ireland	496
23	France	493	Austria	499	Switzerland	495
24	Portugal	492	Latvia	496	France	493
25	Czech Republic	490	France	495	Denmark	493
26	The Netherlands	485	Iceland	495	Portugal	492
27	Austria	484	New Zealand	494	Norway	490
28	Switzerland	484	Portugal	492	Austria	490
29	Croatia	479	Australia	491	Latvia	487
30	Latvia	479	Russia	488	Spain	483
31	Russia	479	Italy	487	Lithuania	482
32	Italy	476	Slovak Republic	486	Hungary	481
33	Hungary	476	Luxembourg	483	Russia	478
34	Lithuania	476	Spain	481	Luxembourg	477

Rank	Reading Performance		Mathematical Performance		Scientific Performance	
	Countries/Economies	Score	Countries/Economies	Score	Countries/Economies	Score
35	Iceland	474	Lithuania	481	Iceland	475
36	Belarus	474	Hungary	481	Croatia	472
37	Israel	470	United States	478	Belarus	471
38	Luxembourg	470	Belarus	472	Ukraine	469
39	Ukraine	466	Malta	472	Turkey	468
40	Turkey	466	Croatia	464	Italy	468
41	Slovak Republic	458	Israel	463	Slovak Republic	464
42	Greece	457	Turkey	454	Israel	462
43	Chile	452	Ukraine	453	Malta	457
44	Malta	448	Greece	451	Greece	452
45	Serbia	439	Cyprus	451	Chile	444
46	United Arab Emirates	432	Serbia	448	Serbia	440
47	Romania	428	Malaysia	440	Cyprus	439
48	Uruguay	427	Albania	437	Malaysia	438
49	Costa Rica	426	Bulgaria	436	United Arab Emirates	434
50	Cyprus	424	United Arab Emirates	435	Brunei Darussalam	431
51	Moldova	424	Brunei Darussalam	430	Jordan	429
52	Montenegro	421	Romania	430	Moldova	428
53	Mexico	420	Montenegro	430	Thailand	426
54	Bulgaria	420	Kazakhstan	423	Uruguay	426
55	Jordan	419	Moldova	421	Romania	426
56	Malaysia	415	Baku (Azerbaijan)	420	Bulgaria	424
57	Brazil	413	Thailand	419	Mexico	419
58	Colombia	412	Uruguay	418	Qatar	419
59	Brunei Darussalam	408	Chile	417	Albania	417
60	Qatar	407	Qatar	414	Costa Rica	416
61	Albania	405	Mexico	409	Montenegro	415
62	Bosnia and Herzegovina	403	Bosnia and Herzegovina	406	Colombia	413
63	Argentina	402	Costa Rica	402	North Macedonia	413
64	Peru	401	Peru	400	Peru	404
65	Saudi Arabia	399	Jordan	400	Argentina	404
66	Thailand	393	Georgia	398	Brazil	404
67	North Macedonia	393	North Macedonia	394	Bosnia and Herzegovina	398
68	Baku (Azerbaijan)	389	Lebanon	393	Baku (Azerbaijan)	398
69	Kazakhstan	387	Colombia	391	Kazakhstan	397

Rank	Reading Performance		Mathematical Performance		Scientific Performance	
	Countries/Economies	Score	Countries/Economies	Score	Countries/Economies	Score
70	Georgia	380	Brazil	384	Indonesia	396
71	Panama	377	Argentina	379	Saudi Arabia	386
72	Indonesia	371	Indonesia	379	Lebanon	384
73	Morocco	359	Saudi Arabia	373	Georgia	383
74	Lebanon	353	Morocco	368	Morocco	377
75	Kosovo	353	Kosovo	366	Kosovo	365
76	Dominican Republic	342	Panama	353	Panama	365
77	Philippines	340	Philippines	353	Philippines	357
78	Spain	/	Dominican Republic	325	Dominican Republic	336
79	Vietnam	/	Vietnam	/	Vietnam	/
	OECD Average	487	OECD Average	489	OECD Average	489

Note 1: The four participating regions of Mainland China are Beijing, Shanghai, Jiangsu, and Zhejiang.

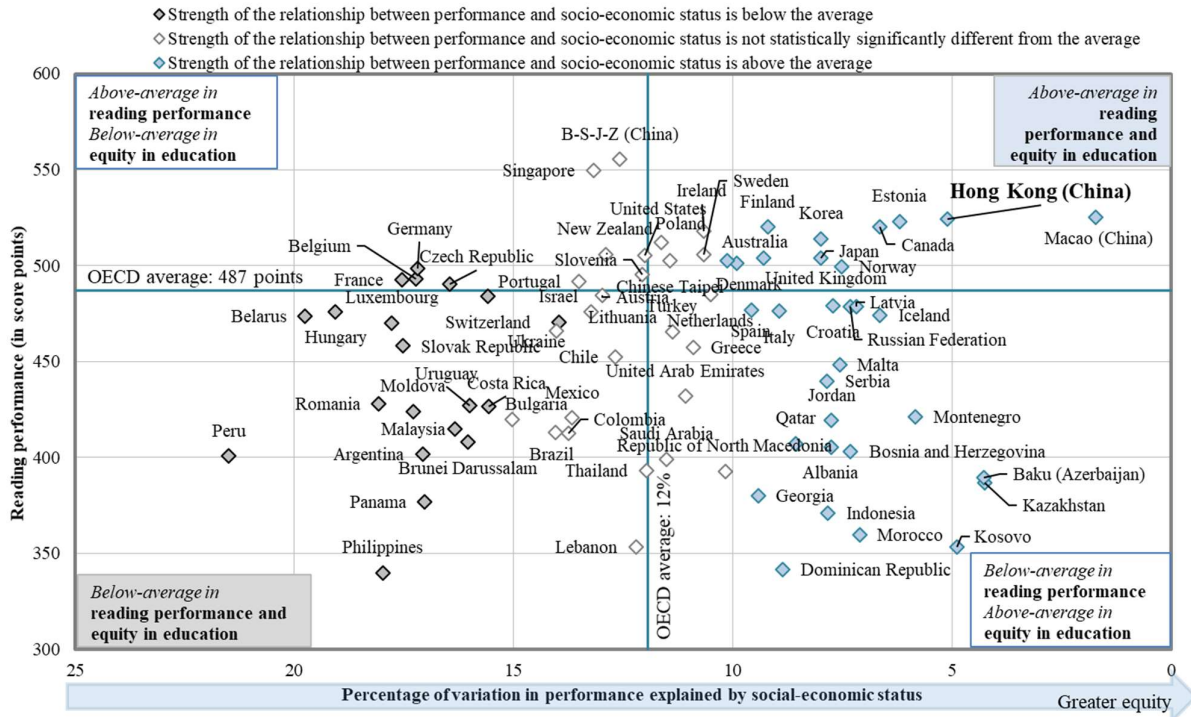
Appendix II – Comparison of Hong Kong Past Performance from PISA 2000+ to PISA 2018

PISA	Science	Reading	Mathematics
2000+	541 (3rd / 43)	525 (6th / 43)	560 (1st / 43)
2003	539 (3rd / 41)	510 (10th / 41)	550 (1st / 41)
2006	542 (2nd / 57)	536 (3rd / 57)	547 (3rd / 57)
2009	549 (3rd / 65)	533 (4th / 65)	555 (3rd / 65)
2012	555 (2nd / 65)	545 (2nd / 65)	561 (3rd / 65)
2015	523 (9th / 72)	527 (2nd / 72)	548 (2nd / 72)
2018	517 (9th / 79)	524 (4th / 79)	551 (4th / 79)

Note: score (rank/number of participating countries/regions)

Appendix III

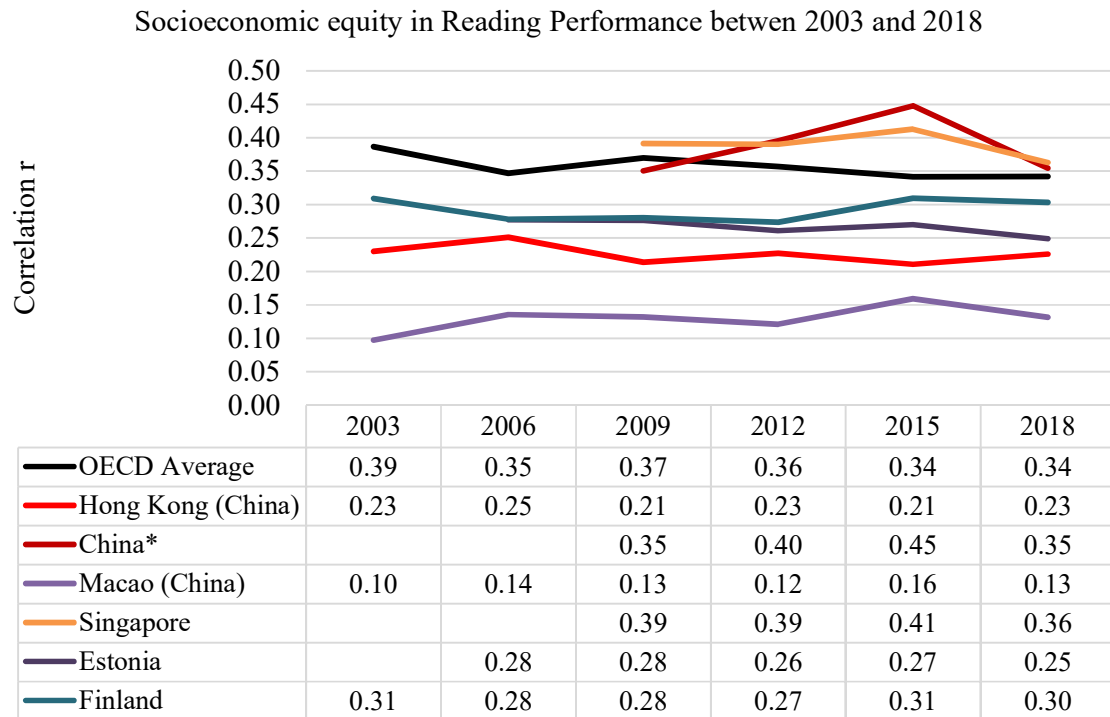
Strength of the Socio-Economic Gradient and Reading Performance (R^2).



Appendix IV

Socioeconomic Equity in Reading Performance among the High Achieving Countries/Economies between 2003 and 2018 – Correlation between socioeconomic index and Reading Performance

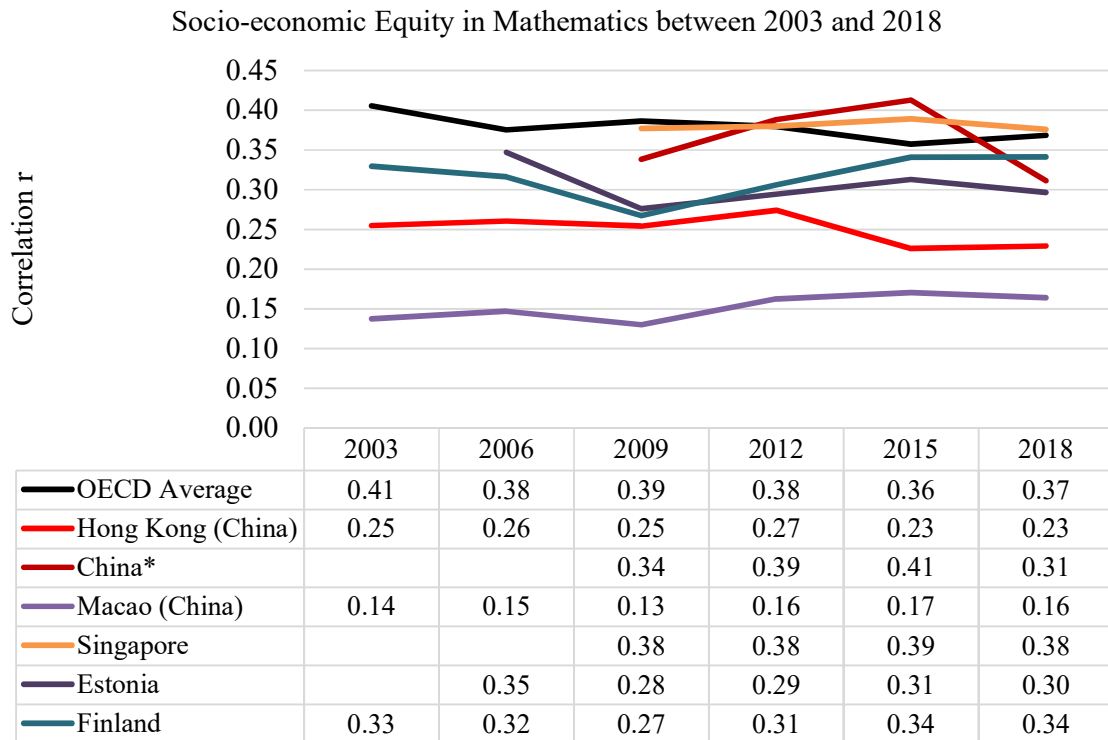
*China: China has different constituent provinces/cities participating in different waves.



Appendix V

Socioeconomic Equity in Mathematics Performance among the High Achievement Countries/Economies between 2003 and 2018 – Correlation between Socioeconomic Index and Mathematics Performance

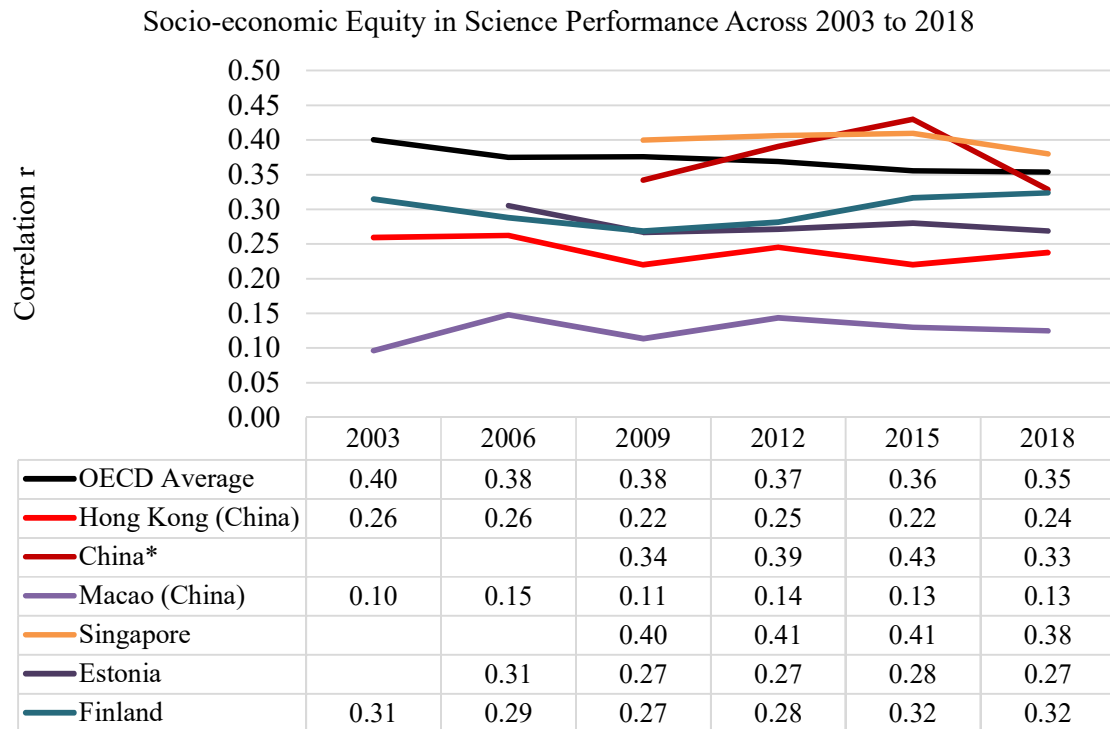
*China: China has different constituent provinces/cities participating in different waves.



Appendix VI

Socioeconomic Equity in Science Performance among the High Achieving Countries/Economies between 2003 and 2018 – Correlation between Socioeconomic Index and Science Performance

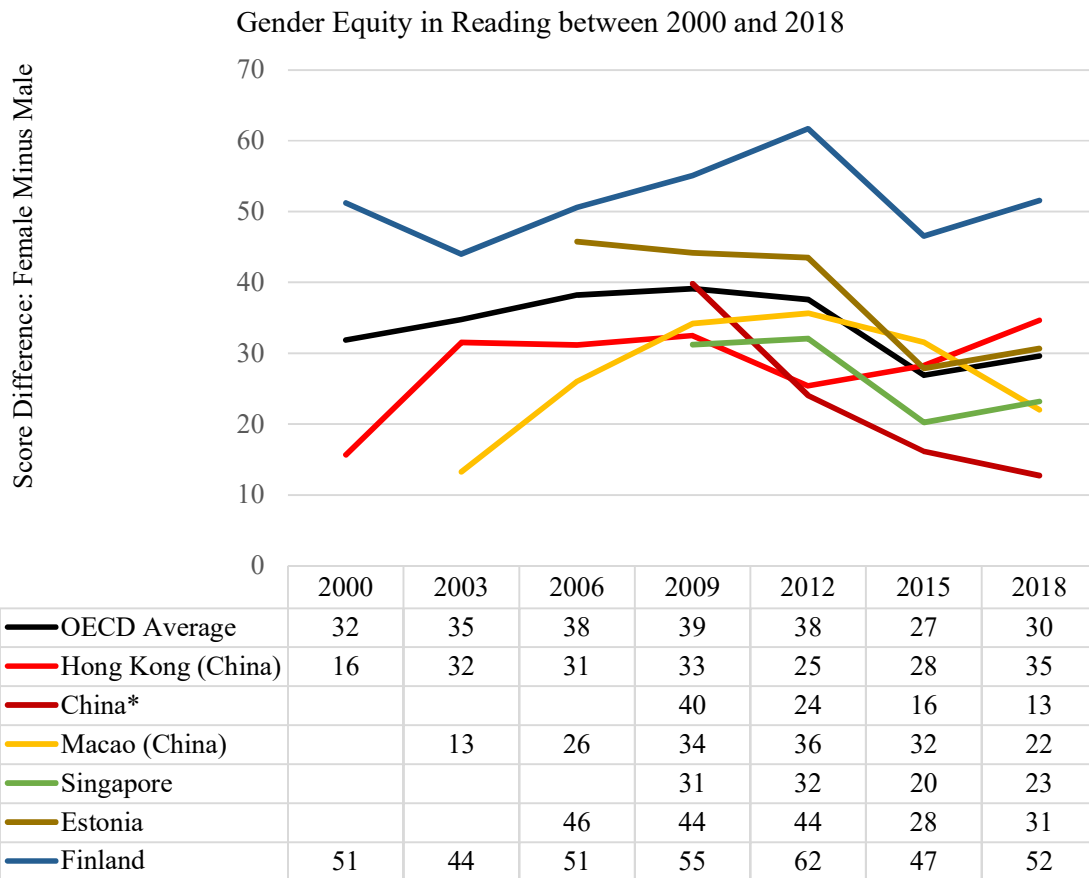
*China: China has different constituent provinces/cities participating in different waves.



Appendix VII

Gender Equity in Reading Performance among the High Achieving Countries/Economies between 2000 and 2018 – Advantage of Female Scores over Males’

*China: China has different constituent provinces/cities participating in different waves.

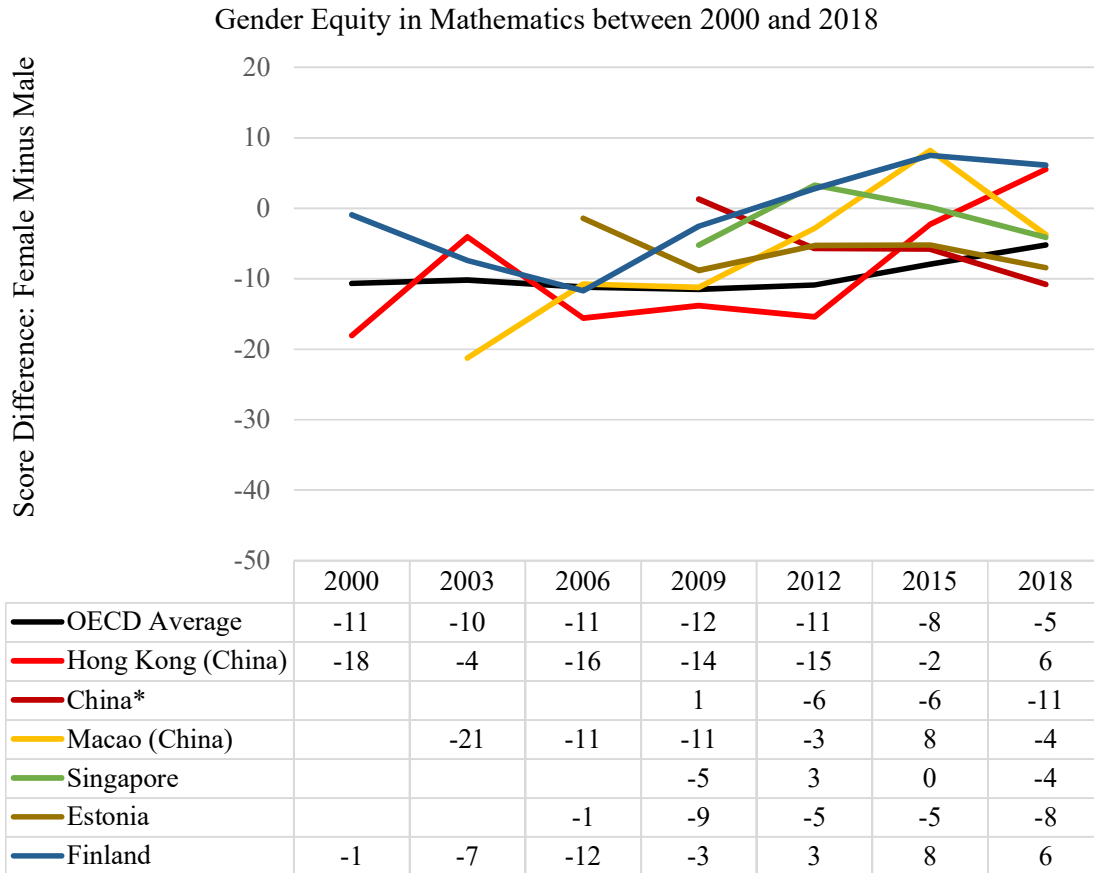


Appendix VIII

Gender Equity in Mathematics Performance among the High Achieving

Countries/Economies between 2000 and 2018 – Advantage of Female Scores over Males’

*China: China has different constituent provinces/cities participating in different waves.



Appendix IX

Gender Equity in Science Performance among the High Achieving Countries/Economies between 2000 and 2018 - Advantage of Female Scores over Males'

*China: China has different constituent provinces/cities participating in different waves.

