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The shift towards an eco-welfare state: growing stronger together – CORRIGENDUM

Valon Hasanaj 

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The author regrets that the Child Mortality Rate in South Korea is incorrect in [Table 3](#) and [Table 4](#) of this article. This impacted the averages throughout the table. Below are the correct versions of Tables 3 and 4.

Reference

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Table 3. Cluster Analysis Results for 2015

Country	Environmental State Indicators							Welfare State Indicators								
	EnvironPE	RenewEn	PM2.5Air	CO2Ems	CFPrintPcap	Treaties	Legislation	HusingCAE	HealthE	EducExp	SocialProE	EduIndex	ChildMort	WageSalW	PrePrimSc	LFPR
<i>CLUSTER 1</i>																
Bulgaria	0.03	17.99	20.78	5.87	3.44	208.0	330.0	0.02	0.29	0.18	0.04	0.81	8.30	87.94	84.00	69.40
Croatia	0.01	66.83	19.21	3.97	3.79	186.0	3415.0	0.01	0.28	0.18	0.06	0.79	4.80	84.31	63.00	67.02
Cyprus	0.01	8.78	19.10	5.26	3.48	151.0	546.0	0.05	0.15	0.31	0.01	0.79	2.90	84.90	80.00	72.79
Czechia	0.03	11.40	17.42	9.17	5.56	181.0	614.0	0.02	0.30	0.19	0.05	0.89	3.10	82.64	105.00	74.13
Greece	0.02	28.66	17.74	6.18	4.13	244.0	1308.0	0.00	0.22	0.18	0.02	0.83	4.80	64.96	47.00	68.32
Hungary	0.01	10.58	17.23	4.27	3.55	221.0	631.0	0.02	0.23	0.19	0.07	0.82	5.10	89.11	81.00	68.37
Israel	0.02	1.89	22.78	7.86	5.74	104.0	419.0	0.02	0.20	0.25	0.07	0.88	3.80	87.93	111.00	72.43
Italy	0.02	38.68	17.89	5.27	4.45	265.0	2578.0	0.03	0.36	0.18	0.04	0.79	3.50	75.56	99.00	63.95
Latvia	0.02	50.17	13.97	3.50	6.26	159.0	684.0	0.06	0.14	0.25	0.07	0.87	5.00	87.35	87.00	75.71
Lithuania	0.04	39.41	12.46	4.38	5.60	169.0	169.0	0.02	0.25	0.26	0.08	0.88	5.00	87.70	89.00	74.09
Malta	0.06	7.67	14.72	5.40	5.21	119.0	890.0	0.01	0.30	0.22	0.10	0.81	6.60	86.01	111.00	67.64
Poland	0.01	13.80	22.69	7.52	4.17	217.0	1389.0	0.02	0.23	0.24	0.07	0.85	4.90	78.76	75.00	68.35
Portugal	0.02	47.53	8.82	4.33	3.99	195.0	2315.0	0.02	0.29	0.22	0.03	0.76	3.70	81.55	93.00	73.59
Korea Rep.	0.02	1.89	28.21	11.57	5.86	137.0	337.0	0.01	0.25	0.23	0.02	0.86	3.50	70.27	95.00	67.97
Romania	0.03	39.75	15.43	3.52	2.99	206.0	62.0	0.05	0.26	0.16	0.06	0.77	9.20	71.02	90.00	65.75
Slovakia	0.03	22.68	18.80	5.66	4.24	166.0	697.0	0.01	0.36	0.17	0.05	0.83	6.00	84.84	93.00	70.95
Slovenia	0.01	29.39	17.13	6.21	4.93	185.0	544.0	0.01	0.30	0.24	0.05	0.88	2.40	83.48	92.00	71.62
Ukraine	0.00	4.38	21.25	5.02	2.33	232.0	604.0	0.01	0.18	0.28	0.10	0.79	9.40	84.05	84.00	66.21

(continued)

Table 3. *Continued*

Country	Environmental State Indicators							Welfare State Indicators								
	EnvironPE	RenewEn	PM2.5Air	CO2Ems	CFPrintPcap	Treaties	Legislation	HusingCAE	HealthE	EducExp	SocialProE	EduIndex	ChildMort	WageSalW	PrePrimSc	LFPR
Cluster Average	0.02	24.53	18.09	5.83	4.43	185.83	974.0	0.02	0.25	0.22	0.05	0.83	5.11	81.80	87.72	69.90
ClustAvg/TotAvg	28.0%	−28.4%	0.9%	11.6%	6.3%	−0.3%	−25.3%	29.1%	0.8%	2.6%	−41.1%	0.3%	43.2%	2.8%	0.5%	−2.2%
Change Average				−1.0%								4.0%				
CLUSTER 2																
Australia	0.01	13.64	9.32	15.39	6.40	179.0	2174.0	0.01	0.32	0.17	0.11	0.93	3.80	82.89	125.00	76.98
Austria	0.01	76.49	13.54	6.87	5.97	161.0	2078.0	0.00	0.32	0.23	0.08	0.85	3.70	86.97	102.00	75.51
Belgium	0.01	20.80	13.57	8.33	6.39	224.0	2432.0	0.00	0.31	0.25	0.09	0.89	4.00	84.79	117.00	67.68
Denmark	0.01	65.51	10.66	5.94	7.22	226.0	1780.0	0.00	0.30	0.19	0.23	0.92	4.20	91.32	96.00	78.38
Estonia	0.03	14.42	7.00	14.85	7.10	149.0	262.0	0.01	0.23	0.24	0.07	0.87	3.10	90.62	88.00	76.80
Finland	0.01	44.50	6.06	8.66	5.85	224.0	770.0	0.00	0.25	0.19	0.21	0.90	2.40	85.74	80.00	75.63
France	0.03	15.86	12.75	4.57	4.70	362.0	3340.0	0.02	0.31	0.18	0.14	0.84	4.20	88.31	109.00	71.35
Germany	0.01	29.23	12.83	8.89	4.94	302.0	2798.0	0.01	0.34	0.17	0.18	0.94	3.90	89.21	107.00	77.69
Iceland	0.01	99.98	6.93	6.06	4.73	132.0	35.0	0.01	0.28	0.23	0.11	0.91	2.30	87.59	97.00	88.09
Ireland	0.02	27.97	8.67	7.31	5.23	145.0	2625.0	0.02	0.37	0.22	0.11	0.91	3.70	82.74	97.00	72.41
Japan	0.03	15.98	12.69	9.54	4.47	156.0	138.0	0.02	0.37	0.13	0.13	0.84	3.00	88.86	86.00	76.14
Luxembourg	0.01	32.38	11.01	17.36	12.81	187.0	1158.0	0.01	0.21	0.23	0.13	0.79	2.70	90.18	93.00	70.66
Netherlands	0.03	12.44	12.93	9.92	5.72	247.0	459.0	0.01	0.29	0.17	0.20	0.90	4.00	83.11	94.00	79.66
Norway	0.01	97.71	7.24	9.27	5.87	232.0	1638.0	0.00	0.29	0.20	0.19	0.91	2.70	92.95	97.00	78.18
Spain	0.02	34.95	10.45	5.03	3.98	237.0	3745.0	0.02	0.30	0.19	0.07	0.82	3.20	82.67	96.00	74.45
Sweden	0.00	63.26	6.32	4.48	6.16	222.0	260.0	0.00	0.25	0.23	0.24	0.90	2.90	89.72	94.00	81.88
Switzerland	0.01	62.20	11.17	4.31	4.75	233.0	2675.0	0.00	0.02	0.32	0.15	0.89	4.30	85.11	105.00	83.38

(continued)

Table 3. Continued

Country	Environmental State Indicators							Welfare State Indicators								
	EnvironPE	RenewEn	PM2.5Air	CO2Ems	CFPrintPcap	Treaties	Legislation	HusingCAE	HealthE	EducExp	SocialProE	EduIndex	ChildMort	WageSalW	PrePrimSc	LFPR
United Kingdom	0.02	24.84	10.75	6.50	4.59	251.0	5069.0	0.02	0.37	0.18	0.11	0.91	4.50	84.94	96.00	76.78
Cluster Average	0.02	41.79	10.22	8.52	5.94	214.9	1857.6	0.01	0.28	0.20	0.14	0.88	3.48	87.10	98.83	76.76
ClustAvg/TotAvg	-7.9%	22.0%	44.1%	-29.1%	-25.6%	15.3%	42.4%	-36.3%	12.8%	-3.9%	52.5%	7.1%	61.4%	9.5%	13.2%	7.3%
Change Average				8.7%								13.7%				
CLUSTER 3																
Costa Rica	0.01	99.00	16.88	1.62	2.53	99.0	1603.0	0.03	0.33	0.23	0.02	0.71	51.30	77.57	78.00	67.63
India	0.00	15.34	89.30	1.73	1.16	136.0	785.0	0.03	0.09	0.26	0.05	0.54	44.10	20.44	12.00	54.42
Iran	0.00	5.10	39.61	8.38	3.23	121.0	208.0	0.01	0.08	0.09	0.12	0.74	16.00	55.91	51.00	44.92
Kyrgyzstan	0.01	85.19	24.34	1.65	1.71	67.0	641.0	0.02	0.18	0.29	0.03	0.81	22.30	58.72	28.00	65.84
Pakistan	0.01	31.43	60.09	0.85	0.81	105.0	243.0	0.00	0.06	0.16	0.14	0.40	79.50	39.61	72.00	55.28
Thailand	0.01	8.54	27.34	4.62	2.46	88.0	326.0	0.03	0.16	0.30	0.01	0.64	10.40	48.34	68.00	75.53
Cluster Average	0.01	40.77	42.93	3.14	1.98	102.7	634.3	0.02	0.15	0.22	0.06	0.64	37.27	50.10	51.50	60.60
ClustAvg/TotAvg	-60.4%	19.1%	-135.0%	52.4%	58.0%	-44.9%	-51.4%	21.7%	-40.6%	3.9%	-34.0%	-22.4%	-313.9%	-37.0%	-41.0%	-15.3%
Change Average				-23.2%								-53.2%				
Total Average	0.02	34.24	18.26	6.60	4.73	186.43	1304.14	0.02	0.25	0.21	0.09	0.83	9.00	79.54	87.31	71.51

Table 4. Cluster Analysis Results for the Difference in 2015-2001

Country	Environmental State Indicators							Welfare State Indicators								
	EnvironPE	RenewEn	PM2.5Air	CO2Ems	CFPrintPcap	Treaties	Legislation	HusingCAE	HealthE	EducExp	SocialProE	EducIndex	ChildMort	WageSalW	PrePrimSc	LFPR
<i>CLUSTER 1</i>																
Bulgaria	-0.02	14.00	-3.31	0.07	0.03	28.0	244.0	0.01	0.13	-0.04	-0.08	0.12	-8.50	3.20	14.00	5.61
Croatia	0.00	10.60	-2.31	-0.77	0.33	24.0	2922.0	0.00	0.00	0.00	0.00	0.12	-3.20	8.64	11.00	2.63
Cyprus	0.00	8.78	-1.08	-1.87	-1.95	19.0	325.0	-0.01	0.01	0.04	0.00	0.11	-3.30	8.86	23.00	2.87
Czechia	0.01	7.93	-3.02	-2.94	-0.39	23.0	526.0	0.00	0.03	0.01	0.01	0.13	-2.10	-2.02	15.00	3.35
Greece	0.00	23.13	-2.18	-2.46	-1.56	34.0	511.0	-0.01	-0.05	0.02	-0.03	0.14	-1.20	4.63	-19.00	4.31
Hungary	0.01	9.88	-1.75	-1.33	-0.52	27.0	485.0	0.00	0.00	-0.02	0.00	0.07	-4.40	3.79	1.00	8.99
Israel	0.00	1.84	-1.72	-2.01	0.04	14.0	15.0	0.00	0.02	0.01	0.01	0.05	-2.80	-0.39	23.00	3.00
Italy	0.00	18.69	-1.89	-2.63	-1.01	25.0	1399.0	0.00	0.04	-0.03	0.00	0.08	-1.80	3.48	2.00	3.68
Latvia	0.01	-16.16	-2.75	0.51	2.25	21.0	467.0	0.01	0.02	-0.01	0.02	0.12	-8.40	2.64	31.00	8.06
Lithuania	0.03	37.12	-1.97	0.67	2.41	21.0	57.0	0.00	0.06	0.01	0.00	0.10	-5.30	7.92	37.00	3.99
Malta	0.01	7.67	-1.81	-0.93	-1.58	14.0	706.0	0.00	0.07	0.00	0.05	0.15	-0.90	-0.51	12.00	8.39
Poland	0.00	11.87	-3.13	-0.36	-0.16	26.0	1295.0	0.00	0.03	-0.02	0.00	0.07	-3.90	6.74	28.00	2.93
Portugal	-0.01	13.43	-1.30	-1.72	-0.70	21.0	1015.0	0.00	0.02	-0.07	-0.01	0.09	-3.00	9.37	21.00	1.80
Korea Rep.	0.00	0.52	-1.55	2.07	0.60	21.0	304.0	0.00	0.06	0.00	-0.01	0.07	-3.60	9.19	9.00	3.46
Romania	0.02	12.04	-2.26	-0.85	0.03	30.0	45.0	-0.01	0.02	-0.03	0.01	0.11	-11.90	17.11	21.00	-2.34
Slovakia	0.00	6.73	-2.92	-1.66	-0.02	24.0	574.0	0.00	0.06	0.04	0.00	0.13	-3.40	-6.60	12.00	0.75
Slovenia	0.00	2.65	-2.01	-1.40	0.29	21.0	516.0	-0.01	0.01	-0.01	0.01	0.06	-2.90	0.59	15.00	4.02
Ukraine	0.00	-2.59	-2.91	-1.59	-0.99	48.0	492.0	0.00	0.01	0.02	-0.04	0.07	-8.20	9.07	32.00	-0.19
Cluster Avg: Dif.'15-'01	0.00	9.34	-2.22	-1.07	-0.16	24.5	661.0	0.00	0.03	0.00	0.00	0.10	-4.38	4.76	16.00	3.63

(continued)

Table 4. Continued

Country	Environmental State Indicators							Welfare State Indicators								
	EnvironPE	RenewEn	PM2.5Air	CO2Ems	CFPrintPcap	Treaties	Legislation	HusingCAE	HealthE	EducExp	SocialProE	EducIndex	ChildMort	WageSalW	PrePrimSc	LFPR
ClustAvg '15	0.02	24.53	18.09	5.83	4.43	185.8	974.0	0.02	0.25	0.22	0.05	0.83	5.11	81.80	87.72	69.90
Change Percentage	19.2%	38.1	12.2%	18.3%	3.6%	13.2%	67.9%	-3.4%	11.8%	2.2%	-8.2%	11.9%	85.7%	5.8%	18.2%	5.2%
Change Average				24.6%								13.9%				
CLUSTER 2																
Australia	0.01	5.54	-1.52	-1.34	-1.57	27.0	1785.0	-0.01	0.04	-0.02	0.02	0.03	-2.30	3.15	35.00	2.77
Austria	0.00	7.33	-1.81	-1.32	0.07	19.0	1496.0	0.00	0.02	-0.04	0.03	0.09	-1.70	0.42	22.00	4.96
Belgium	0.00	19.43	-2.10	-2.81	-1.38	24.0	1631.0	0.00	0.03	-0.01	0.02	0.05	-1.70	0.03	7.00	4.14
Denmark	0.00	50.01	-1.76	-3.94	-1.17	27.0	1606.0	0.00	0.05	0.00	-0.01	0.08	-1.20	0.24	5.00	-0.62
Estonia	0.00	14.21	-1.22	3.63	-0.44	18.0	168.0	0.00	0.03	-0.04	0.01	0.05	-7.00	-2.00	-4.00	7.34
Finland	0.00	15.57	-1.03	-2.34	-0.91	26.0	424.0	0.00	0.01	-0.03	0.04	0.09	-1.80	-1.23	32.00	1.00
France	0.01	1.60	-1.98	-1.58	-0.73	45.0	2070.0	0.00	0.03	-0.03	-1.28	0.08	-1.00	-0.72	-2.00	2.85
Germany	0.00	22.72	-2.08	-1.48	-0.50	46.0	2218.0	0.00	0.02	-0.01	0.02	0.10	-1.30	0.38	10.00	5.92
Iceland	-0.01	0.03	-1.03	-1.31	-0.39	11.0	14.0	0.00	-0.03	-0.01	0.03	0.11	-1.60	4.67	12.00	-0.21
Ireland	-0.01	23.80	-1.47	-4.07	-1.39	13.0	1661.0	-0.01	0.04	0.00	0.00	0.08	-3.20	1.10	-11.00	1.56
Japan	-0.03	7.02	-1.52	0.07	-0.71	17.0	68.0	0.00	0.03	-0.06	0.09	0.08	-1.30	6.69	3.00	3.46
Luxembourg	-0.03	13.00	-1.56	-2.57	-1.55	19.0	565.0	-0.01	-0.02	-0.02	0.04	0.06	-1.80	-2.51	15.00	6.80
Netherlands	0.00	8.92	-2.00	-1.10	-0.82	25.0	296.0	-0.01	0.08	-0.01	0.00	0.07	-2.10	-5.30	-6.00	4.05
Norway	0.00	-1.81	-1.43	-0.01	-0.62	28.0	1199.0	0.00	0.01	-0.01	0.06	0.03	-2.00	0.32	21.00	-2.06
Spain	0.00	13.80	-1.33	-2.26	-1.41	24.0	2426.0	-0.01	0.01	-0.03	0.01	0.10	-2.10	2.65	5.00	10.01
Sweden	0.00	11.70	-1.26	-1.27	-0.08	27.0	190.0	0.00	0.01	-0.02	0.02	0.02	-1.20	0.44	20.00	3.83

(continued)

Table 4. *Continued*

Country	Environmental State Indicators							Welfare State Indicators								
	EnvironPE	RenewEn	PM2.5Air	CO2Ems	CFPrintPcap	Treaties	Legislation	HusingCAE	HealthE	EducExp	SocialProE	EducIndex	ChildMort	WageSalW	PrePrimSc	LFPR
Switzerland	0.01	2.80	-1.53	-1.63	-0.62	24.0	2071.0	0.00	0.01	0.01	0.02	0.09	-1.20	2.29	13.00	2.24
United Kingdom	0.00	22.34	-1.86	-2.74	-1.58	26.0	3922.0	0.00	0.07	0.00	0.01	0.07	-1.90	-2.81	16.00	2.07
Cluster Avg: Dif.'15-'01	0.00	13.22	-1.58	-1.56	-0.88	24.8	1322.8	0.00	0.02	-0.02	-0.05	0.07	-2.02	0.43	10.72	3.34
ClustAvg '15	0.02	41.79	10.22	8.52	5.94	214.9	1857.6	0.01	0.28	0.20	0.14	0.88	3.48	87.10	98.83	76.76
Change Percentage	-21.7%	31.6%	15.5%	18.3%	14.8%	11.5%	71.2%	-30.3%	8.3%	-8.8%	-33.9%	8.1%	58.1%	0.5%	10.8%	4.4%
<i>Change Average</i>				<i>20.2%</i>								<i>1.9%</i>				
<i>CLUSTER 3</i>																
Costa Rica	0.00	0.48	-2.53	0.19	0.10	19.0	1067.0	0.00	-0.01	-0.11	-0.01	0.12	-60.60	8.80	32.00	1.94
India	0.00	2.14	5.14	0.76	0.31	15.0	344.0	0.01	0.03	0.09	0.02	0.16	-44.00	8.65	7.00	-5.42
Iran	-0.01	1.19	1.19	2.39	0.65	18.0	69.0	-0.02	0.02	-0.02	0.00	0.20	-16.40	6.27	34.00	-1.03
Kyrgyzstan	0.01	-0.72	-2.74	0.86	0.68	8.0	451.0	0.00	0.05	0.08	-0.03	0.14	-25.00	16.07	18.00	-2.77
Pakistan	0.01	5.28	-1.02	0.11	0.02	11.0	81.0	0.00	0.03	0.00	-0.05	0.13	-30.50	4.03	6.00	3.02
Thailand	0.00	1.90	-3.62	1.56	0.46	12.0	152.0	0.01	0.05	0.00	0.01	0.11	-10.40	7.90	0.00	-2.47
Cluster Avg: Dif.'15-'01	0.00	1.71	-0.60	0.98	0.37	13.8	360.7	0.00	0.03	0.01	-0.01	0.14	-31.15	8.62	16.17	-1.12
ClustAvg '15	0.01	40.77	42.93	3.14	1.98	102.7	634.3	0.02	0.15	0.22	0.06	0.64	37.27	50.10	51.50	60.60
Change Percentage	24.2%	4.2%	1.4%	-31.1%	-18.7%	13.5%	56.9%	0.3%	19.7%	2.9%	-16.1%	22.0%	83.6%	17.2%	31.4%	-1.8%
<i>Change Average</i>				<i>7.2%</i>								<i>17.7%</i>				