

Supplements

Table S1: Components of individual level Women's Empowerment Index (ILWEI)

	Variables	Code
1.	Autonomy in health care decision-making	no involvement=0, joint or respondent alone=1
2.	Household decision making (making large household purchases, visits to family or relatives and how to spend money)	0 decision, 1 decision, 2 decision and 3 decisions
3.	Justification of domestic violence (if she goes out without telling her husband, neglects the children, argues with her husband or if she refuses to have sex with her husband)	No justification=2, 1-3 reasons=1, 4-5 reasons=0 (least autonomy)
4.	Frequency of reading newspaper	Not at all=0, <once a week=1, ≥once a week=2
5.	Respondents worked in last 12 months	No=0, in the past year=1, have a job, but on leave last 7 days=2, currently working=2
6.	Women's educational level	No education=0, Primary=1, secondary or more=2

Table S2: Principal component analysis factor loadings for the components used in calculating ILWEI based on the combined dataset

	Variables	Comp1	Comp2	Comp3
1.	Autonomy in health care decision-making	-0.296	0.416	0.163
2.	Household decision making			
	Making large household purchases	0.261	-0.451	-0.169
	Visits to family or relatives	0.279	-0.404	-0.206
	How to spend money	0.156	-0.248	-0.233
3.	Justification of domestic violence			
	If she goes out without telling her husband	0.398	0.310	-0.091
	Neglects the children	0.379	0.338	-0.114
	Argues with her husband	0.408	0.288	-0.080
	If she refuses to have sex with her husband	0.383	0.250	-0.060
4.	Frequency of reading newspaper	0.236	-0.131	0.664
5.	Respondents worked in last 12 months	0.005	-0.028	-0.010
6.	Women's educational level	0.265	-0.155	0.614

Table S3: Principal component analysis factor loadings for the components used in calculating PLWEI at population level

	Variables	Comp1	Comp2	Comp3
1.	Proportion of female population with at least secondary education	0.434	0.789	-0.435
2.	Proportion of females' share of parliamentary seats	0.707	0.001	0.707
3.	Female labour force participation rates	-0.558	0.614	0.558

Table S4: Country rankings of the average national scores of the ILWEI and PLWEI. Highest scores represent the highest rank in the empowerment index.

Country	ILWEI		PLWEI	
	Score	Rank	Score	Rank
Ukraine	1.645	1	2.022	6
Armenia	1.510	2	2.067	5
Moldova	1.506	3	2.384	1
Kyrgyz Republic	1.385	4	2.084	4
Guyana	1.313	5	1.392	8
Dominican Republic	1.153	6	0.421	23
Jordan	1.083	7	2.359	2
Peru	1.054	8	0.741	16
Philippines	1.018	9	1.280	9
Swaziland	0.898	10	0.253	27
Namibia	0.861	11	0.340	26
Maldives	0.747	12	0.746	15
Albania	0.731	13	2.247	3
Azerbaijan	0.731	14	1.475	7
Indonesia	0.696	15	0.661	19
Colombia	0.661	16	0.726	17
Zimbabwe	0.639	17	-0.147	34
Bolivia	0.598	18	0.639	20
Egypt	0.547	19	1.265	10
Lesotho	0.528	20	-0.337	37
Honduras	0.506	21	0.418	24
Sao Tome	0.500	22	0.108	29
Gabon	0.429	23	0.706	18
Nicaragua	0.404	24	0.521	21
Bangladesh	0.382	25	0.426	22
India	0.262	26	1.168	11
Haiti	0.245	27	0.088	30
Cambodia	0.076	28	-0.443	42
Zambia	0.075	29	0.027	31
Nepal	0.051	30	-0.412	40
Malawi	0.045	31	-1.490	56

Kenya	0.007	32	-0.311	36
Mozambique	-0.003	33	-1.620	58
Congo	-0.021	34	-0.406	39
Timore-Leste	-0.048	35	1.061	12
Comoros	-0.094	36	0.348	25
Ghana	-0.134	37	0.167	28
Pakistan	-0.137	38	0.924	14
Madagascar	-0.165	39	-0.910	48
Uganda	-0.165	40	-0.829	47
Rwanda	-0.167	41	-0.072	33
Cameroon	-0.171	42	-0.485	43
Tanzania	-0.262	43	-1.098	52
Liberia	-0.283	44	-0.762	45
Nigeria	-0.321	45	-0.341	38
Congo D Republic	-0.404	46	-1.227	53
Benin	-0.478	47	-0.749	44
Togo	-0.482	48	-0.796	46
Burundi	-0.540	49	-0.311	35
Morocco	-0.544	50	0.931	13
Ethiopia	-0.659	51	-0.439	41
Cote D'Ivoire	-0.703	52	-0.994	50
Senegal	-0.748	53	-0.990	49
Niger	-0.749	54	-1.788	59
Sierra Leone	-0.775	55	-0.062	32
Chad	-0.797	56	-1.459	55
Burkina Faso	-0.891	57	-1.353	54
Mali	-0.900	58	-1.607	57
Guinea	-1.188	59	-1.098	51