

Online Appendix for

**A Dynamic Economic Resilience Model: A Case
Study of a Regional Integration Organization in
Eurasia**

By

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Appendix 1. Data

Country	TIME	ER	PCI	TRADE	FD	DISJ
Iran	2000	41.788025	38.10	41.257247	27.625364	10041.797984
Iran	2001	41.845994	39.50	40.535566	27.852926	9397.981106
Iran	2002	42.675930	39.50	48.172687	25.994068	9278.940762
Iran	2003	44.336225	40.60	50.679106	28.354049	9133.098077
Iran	2004	43.476561	40.60	51.313857	31.431150	8565.956016
Iran	2005	42.330601	40.60	54.440495	28.601122	7854.352729
Iran	2006	39.377279	40.80	53.167359	28.248948	7244.472020
Iran	2007	37.721241	41.40	49.887307	31.068155	6795.605034
Iran	2008	38.770099	42.40	48.229403	33.950302	6159.878464
Iran	2009	32.232695	42.30	43.699580	33.907002	5638.513997
Iran	2010	31.881698	42.70	43.770644	32.702020	5342.493939
Iran	2011	33.628877	43.70	41.219415	32.969582	4969.287224
Iran	2012	35.050672	44.30	44.089347	34.747541	4407.886155
Iran	2013	33.165981	44.50	47.086718	36.897561	3996.267086
Iran	2014	35.490999	45.50	45.351420	37.057248	3856.295935
Iran	2015	37.931813	45.30	39.422589	35.135788	3492.115345
Iran	2016	41.263832	46.00	40.387847	37.118673	3511.754218
Iran	2017	40.423768	47.60	44.744871	34.917566	3346.537565
Iran	2018	37.026731	47.40	58.384900	44.004130	3038.640728
Iran	2019	37.722278	47.20	50.754334	44.777721	2771.027470
Iran	2020	33.695326	43.40	43.810165	51.646560	2783.941407
Iran	2021	34.483436	43.80	44.373834	52.223647	2671.269980
India	2000	64.368528	32.40	26.900923	43.639868	1303.393145
India	2001	59.667011	32.80	25.993255	42.182124	1247.570052
India	2002	59.750559	33.50	29.508663	42.564929	1173.582673
India	2003	61.562539	33.90	30.592436	43.342316	1137.756899
India	2004	61.983436	34.90	37.503814	44.653493	1103.155356
India	2005	64.691812	36.00	42.001670	45.476121	1057.976116
India	2006	64.315943	36.70	45.724480	47.088125	1004.486519
India	2007	64.176025	37.50	45.686269	44.887272	937.817111
India	2008	63.990557	38.40	53.368220	48.153394	873.689983
India	2009	63.221050	39.00	46.272870	50.881124	853.751210
India	2010	63.538114	40.40	49.255206	47.791916	829.793613
India	2011	63.909461	40.90	55.623880	44.499764	790.679731
India	2012	62.980327	41.30	55.793722	42.210943	767.995050
India	2013	60.613954	41.50	53.844132	41.949692	753.387660
India	2014	59.793494	41.80	48.922186	43.620145	748.697423
India	2015	62.061452	42.20	41.922914	43.914843	750.810330
India	2016	63.611446	43.30	40.082486	44.558805	756.059690
India	2017	64.003029	43.80	40.742497	46.088001	750.842545

Country	TIME	ER	PCI	TRADE	FD	DISJ
India	2018	64.740776	44.30	43.616969	46.801078	744.134241
India	2019	64.367918	44.70	39.905404	46.757284	724.656458
India	2020	67.319348	43.90	37.804125	53.875846	662.689593
India	2021	65.195344	45.10	45.667683	53.355056	661.672097
Russian	2000	46.902548	40.60	68.093907	45.873281	14062.140207
Russian	2001	47.333915	41.90	61.110859	47.660774	13799.999888
Russian	2002	50.296209	42.80	59.645446	47.277007	13389.820747
Russian	2003	50.900528	43.70	59.128269	50.098830	13197.973500
Russian	2004	49.274194	44.70	56.581852	46.983990	12977.440156
Russian	2005	49.208705	45.50	56.713248	49.958542	12516.336630
Russian	2006	49.302161	46.40	54.733402	53.701752	12121.243654
Russian	2007	49.824916	47.50	51.706123	55.668789	11593.233714
Russian	2008	50.189052	48.40	53.382466	54.226369	11184.717105
Russian	2009	47.501929	48.70	48.435061	57.555693	9470.502750
Russian	2010	49.373796	49.40	50.355505	52.226794	8984.539563
Russian	2011	48.766213	49.90	48.035399	56.566036	8594.074969
Russian	2012	48.069389	50.20	47.151390	50.938076	8330.531124
Russian	2013	48.919211	50.60	46.287149	49.077860	7901.612996
Russian	2014	48.929356	50.80	47.801341	48.394307	7324.557704
Russian	2015	48.266048	49.90	49.359349	46.281859	6732.332318
Russian	2016	49.636719	50.70	46.518120	50.873798	6337.664845
Russian	2017	49.906442	51.70	46.876524	46.952465	6063.863694
Russian	2018	50.953468	52.50	51.580900	47.425285	5867.759041
Russian	2019	53.221649	53.00	49.228754	47.903126	5682.606993
Russian	2020	51.393566	51.20	45.966908	53.250092	5434.868154
Russian	2021	49.889712	52.00	50.557744	52.986270	5319.236985
China	2000	51.584282	41.40	39.411015	37.656912	0.000000
China	2001	48.239882	42.30	38.527359	35.400826	0.000000
China	2002	45.202322	43.30	42.747404	38.140333	0.000000
China	2003	49.230147	44.80	51.803988	40.482631	0.000000
China	2004	46.955298	46.40	59.505524	42.939007	0.000000
China	2005	46.904982	47.30	62.207893	42.427480	0.000000
China	2006	47.647006	48.10	64.478884	46.969968	0.000000
China	2007	50.995296	48.90	62.193363	51.822329	0.000000
China	2008	51.281731	50.20	57.612715	48.410231	0.000000
China	2009	52.551837	51.20	45.184870	51.683253	0.000000
China	2010	52.656808	52.10	50.717078	51.943403	0.000000
China	2011	54.173814	53.20	50.740905	51.499236	0.000000
China	2012	54.058159	53.80	48.267522	55.063707	0.000000
China	2013	54.779611	54.50	46.744376	55.986774	0.000000
China	2014	57.046010	55.30	44.905216	59.182340	0.000000
China	2015	57.762851	55.70	39.464169	62.343818	0.000000

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China	2016	59.637614	56.40	36.894415	63.779885	0.000000
China	2017	61.897797	57.60	37.632413	62.958908	0.000000
China	2018	61.909369	58.50	37.565784	63.691151	0.000000
China	2019	60.925952	59.00	35.890096	63.108987	0.000000
China	2020	63.179379	58.70	34.754296	67.429960	0.000000
China	2021	64.097154	60.30	37.301990	63.390267	0.000000
Kazakhstan	2000	44.995611	37.40	105.699693	16.126336	6641.959186
Kazakhstan	2001	44.995611	38.30	92.849069	18.104151	7021.235980
Kazakhstan	2002	44.995611	39.30	94.031686	19.951420	7111.302612
Kazakhstan	2003	47.171766	40.30	91.463332	24.984002	7083.869607
Kazakhstan	2004	46.251024	40.40	96.409200	28.109357	7043.711033
Kazakhstan	2005	47.018117	42.00	97.762503	29.320529	6915.726524
Kazakhstan	2006	48.306673	42.80	91.453527	36.731857	6757.909178
Kazakhstan	2007	49.818220	44.10	92.161633	38.937572	6402.613644
Kazakhstan	2008	51.200004	45.40	94.294805	34.519923	5950.279818
Kazakhstan	2009	51.146391	46.80	75.766067	35.480189	5423.207856
Kazakhstan	2010	48.363996	47.80	74.138266	30.641964	5210.983761
Kazakhstan	2011	48.124044	48.40	73.117857	28.545603	5063.660449
Kazakhstan	2012	48.079236	49.40	73.723732	30.484489	4884.033217
Kazakhstan	2013	48.238094	49.20	65.407609	29.898116	4766.980688
Kazakhstan	2014	53.016445	50.20	64.972035	30.656457	4585.053486
Kazakhstan	2015	53.021533	50.00	53.049729	32.228267	4296.863043
Kazakhstan	2016	52.821422	50.50	60.311597	32.967281	4031.308479
Kazakhstan	2017	54.202336	51.10	56.825388	30.544323	3894.465174
Kazakhstan	2018	56.885892	50.80	63.527957	35.888422	3765.769759
Kazakhstan	2019	57.547480	51.20	64.858617	34.344295	3679.653816
Kazakhstan	2020	55.955074	50.60	57.026442	35.290354	3472.085552
Kazakhstan	2021	56.901714	51.30	57.543901	35.421458	3299.128201
Pakistan	2000	23.684765	26.00	25.363430	30.798244	1679.482381
Pakistan	2001	23.581465	26.00	27.630045	27.660200	1567.827432
Pakistan	2002	24.325677	26.50	27.633807	29.808363	1445.815171
Pakistan	2003	25.301545	27.20	29.796396	30.643016	1368.226549
Pakistan	2004	23.816782	27.70	27.549625	36.322019	1314.579908
Pakistan	2005	26.480021	28.70	32.154429	36.510760	1237.453936
Pakistan	2006	29.628412	30.00	35.681730	36.313352	1144.794244
Pakistan	2007	26.849953	30.40	32.990429	37.092540	1033.734288
Pakistan	2008	26.138350	30.40	35.594201	31.901732	942.946437
Pakistan	2009	27.795289	30.00	32.071848	25.543916	871.125188
Pakistan	2010	29.196541	30.30	32.868927	20.680486	785.998196
Pakistan	2011	27.460526	30.20	32.939905	20.205420	725.749856
Pakistan	2012	27.128183	30.90	32.805502	20.424129	688.682216
Pakistan	2013	27.884319	31.40	33.333599	20.630589	661.363640

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Pakistan	2014	28.083964	31.70	30.901245	20.780030	639.427179
Pakistan	2015	28.925704	31.50	27.654673	20.987263	621.169097
Pakistan	2016	29.257623	32.50	24.701580	21.333732	609.624527
Pakistan	2017	31.141446	33.10	25.472036	21.402104	591.003067
Pakistan	2018	32.704913	33.40	27.626056	21.754093	581.440066
Pakistan	2019	29.977473	32.80	28.905576	21.539678	555.485900
Pakistan	2020	33.863073	32.70	26.716280	21.707815	528.440985
Pakistan	2021	34.820352	33.70	27.050144	21.961248	509.913334
Tajikistan	2000	37.662466	24.80	175.351206	8.089190	794.994849
Tajikistan	2001	39.774483	25.60	146.657306	8.535786	792.829097
Tajikistan	2002	37.121449	25.80	138.683969	7.851864	793.877776
Tajikistan	2003	37.244863	26.20	137.669593	5.782221	790.032713
Tajikistan	2004	31.415711	26.70	128.338171	5.608983	781.018309
Tajikistan	2005	31.584420	26.70	126.994699	5.313971	738.621369
Tajikistan	2006	32.013845	28.40	141.153912	6.138903	692.245046
Tajikistan	2007	33.008726	30.50	145.528100	8.276763	644.729368
Tajikistan	2008	32.909285	31.50	114.480149	8.436280	625.833796
Tajikistan	2009	30.718666	32.60	85.978137	9.604513	585.826411
Tajikistan	2010	36.160461	32.20	73.493045	7.366320	555.268037
Tajikistan	2011	37.294279	33.50	79.784245	7.830841	535.885918
Tajikistan	2012	31.192443	32.90	83.175945	7.878023	526.119328
Tajikistan	2013	32.132086	33.60	71.743743	8.479489	516.144155
Tajikistan	2014	36.417840	35.80	54.607160	9.133395	504.142605
Tajikistan	2015	33.995429	35.70	49.937816	8.742036	490.591471
Tajikistan	2016	33.770383	35.70	55.724645	9.283046	482.261196
Tajikistan	2017	32.492481	34.40	53.786105	8.510671	474.983373
Tajikistan	2018	32.589108	35.20	55.846111	8.837387	470.334296
Tajikistan	2019	33.540156	36.00	56.045016	8.228854	467.759858
Tajikistan	2020	36.416667	35.20	55.749104	10.316961	468.441479
Tajikistan	2021	35.764869	35.10	71.825937	10.649249	462.943193
Kyrgyzstan	2000	47.536452	32.02	89.430932	5.956073	1136.755620
Kyrgyzstan	2001	45.724747	31.84	73.746912	6.473219	1102.672942
Kyrgyzstan	2002	44.335804	32.09	82.920729	9.322854	1007.711587
Kyrgyzstan	2003	43.455570	32.75	83.932783	8.238541	976.004615
Kyrgyzstan	2004	42.222485	33.52	93.815732	8.741824	942.817017
Kyrgyzstan	2005	35.229215	34.00	95.084005	8.965868	840.342492
Kyrgyzstan	2006	38.452709	35.10	120.749982	8.731353	764.678075
Kyrgyzstan	2007	39.996355	35.82	137.058388	8.682432	723.474670
Kyrgyzstan	2008	43.276286	37.00	146.106082	8.214492	712.108675
Kyrgyzstan	2009	37.758911	37.82	133.379153	9.808848	664.979951
Kyrgyzstan	2010	39.244507	38.69	133.232850	9.186703	593.986649
Kyrgyzstan	2011	39.077429	39.00	136.179840	8.881658	570.658154

Country	TIME	ER	PCI	TRADE	FD	DISJ
Kyrgyzstan	2012	36.096046	40.13	139.675938	9.783390	523.397391
Kyrgyzstan	2013	40.210398	40.75	134.026786	10.951934	531.636040
Kyrgyzstan	2014	43.851393	41.20	125.126181	11.733128	507.767304
Kyrgyzstan	2015	42.924940	41.08	110.961571	12.366620	485.524024
Kyrgyzstan	2016	43.093656	41.79	105.823574	11.062435	467.214150
Kyrgyzstan	2017	44.660913	43.02	100.617446	11.677162	451.533209
Kyrgyzstan	2018	47.132148	43.23	98.875560	12.359801	432.246180
Kyrgyzstan	2019	47.354265	42.21	99.373077	12.704253	419.406853
Kyrgyzstan	2020	46.187382	39.57	83.471312	13.531996	369.585713
Kyrgyzstan	2021	45.855726	37.03	105.710090	13.594477	356.083485