Supporting information for:

"The New Terrain of Global Governance: Mapping Membership in Informal IOs"

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A. Summary Statistics

Table A1. Summary statistics

Year	Num. states	Mean	Std. Dev.	Min.	25th pctl	Median	75th pctl	Max.	IO
1925	60	0.3	0.5	0	0	0	1	2	Informal IOs
1935	63	0.4	0.6	0	0	0	1	2	Informal IOs
1945	59	0.9	0.6	0	1	1	1	2	Informal IOs
1955	78	2.5	2.2	0	1	2	4	10	Informal IOs
1965	119	2.7	2.4	0	1	2	4	11	Informal IOs
1975	143	4.1	4.2	0	1	3	6	20	Informal IOs
1980	150	4.6	4.6	0	1	3	7	22	Informal IOs
1985	155	6.4	5.7	0	2	5	9	31	Informal IOs
1990	159	8.1	7.7	0	3	5	10	37	Informal IOs
1995	186	9.8	9.6	0	3	6	13	43	Informal IOs
2000	190	14.1	11.9	0	5	9	18.5	52	Informal IOs
2005	191	20.4	14.4	3	10	15	28.5	65	Informal IOs
2010	192	24.1	17	3	12	18	34	78	Informal IOs
Year	**Num. states**	**Mean**	**Std. Dev.**	**Min.**	**25th pctl**	**Median**	**75th pctl**	**Max.**	**IO**
1925	60	18.9	9.7	0	13	17.5	25.5	41	Formal IOs
1930	61	21.6	10.8	0	15	20	29	45	Formal IOs
1935	63	21	9.9	0	16	20	28	41	Formal IOs
1940	60	20.4	8.5	0	15	20.5	26.2	34	Formal IOs
1945	61	22.2	9.2	0	19	24	28	40	Formal IOs
1950	72	26	13.5	0	15	27	32.2	61	Formal IOs
1955	78	27.8	14.6	0	19	28	35.5	69	Formal IOs
1960	101	30.2	17.2	2	15	32	38	81	Formal IOs
1965	119	32.6	15	3	23.5	31	38.5	84	Formal IOs
1970	127	33.4	14.3	3	24	33	38	81	Formal IOs
1975	143	37.2	17.1	1	25	38	47	91	Formal IOs
1980	150	42.6	17.5	7	30	42	52.8	94	Formal IOs
1985	155	45.7	18.1	7	32	46	56	101	Formal IOs
1990	159	51.3	20.4	7	36	51	63.5	111	Formal IOs
1995	186	54.5	21.3	3	38.2	55	68	118	Formal IOs
2000	190	57.3	20.5	6	44	57	70.8	120	Formal IOs
2005	191	59.7	19.6	8	47.5	58	73	117	Formal IOs
2010	192	61.5	18.7	7	49	61	74	113	Formal IOs

B. Comparison with Vabulas and Snidal's Dataset

In this section, we present descriptive statistics that compare our dataset with Vabulas and Snidal's dataset of informal intergovernmental organizations. We take their most recent version, from "Cooperation under autonomy", published in the *Journal of Peace Research* in 2021.

Vabulas and Snidal create a dataset of 153 IOs, recording IO name, creation year, end year, state membership in 2017, and a few other variables. We carefully checked the names of each IO in their dataset and in ours, renamed IOs as need be, and matched IOs on their names. 74 of 153 (48%) IOs in Vabulas and Snidal's dataset match in ours, which corresponds to 74 of 260 (28%) IOs in our dataset. Since Vabulas and Snidal do not publish time series membership data, we take the membership data from our dataset, and subset it to create two complementary datasets: of matched IOs that appear in both datasets, and unmatched IOs that appear only in our dataset; lacking state-IO-year membership data in Vabulas and Snidal, we can't compare membership patterns over time from their unmatched IOs.

In figure A1, we show the Spearman rank correlation coefficient of state-level counts of IO membership by year for our full dataset and the subset of IOs that match in Vabulas and Snidal. The correlation is positive and strong, ranging from roughly 0.6 to 0.9 over time. The correlation also strengthens over time, likely because the number of IOs operating also increases over time. Clearly, both datasets are capturing some common state-level IO membership trait. Note, the correlation between annual formal IO membership (COW) and our full dataset ranges from roughly 0.6 to 0.7 during this time period.

In figure A2, we plot states' counts of annual membership in both datasets (Vabulas and Snidal on the horizontal axis; ours on the vertical axis). Our dataset always counts higher membership mechanically, given that only matched IOs from Vabulas and Snidal enter our measures. Membership counts are highly correlated across both IO lists.

Finally, in figure A3, we plot the median number of member states in matched (blue filled circles) and unmatched (black hollow diamonds) IOs over time. Both subsets have similar median IO membership statistics across years, and they become more closely related in later years when the data overlaps more consistently as there are more IOs.

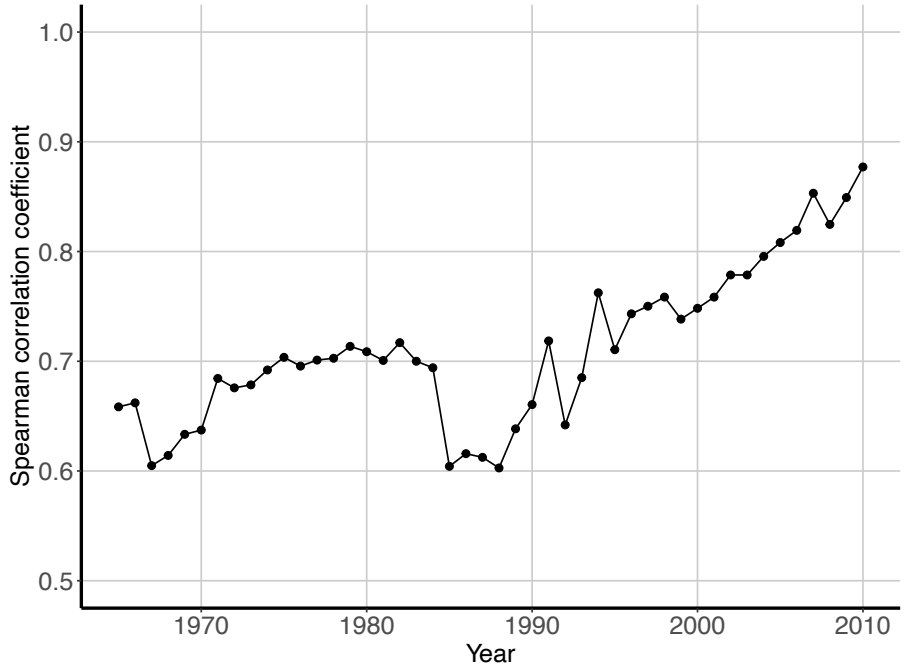

Figure A1. Correlation of states' informal IO membership for authors' dataset and Vabulas and Snidal's by year

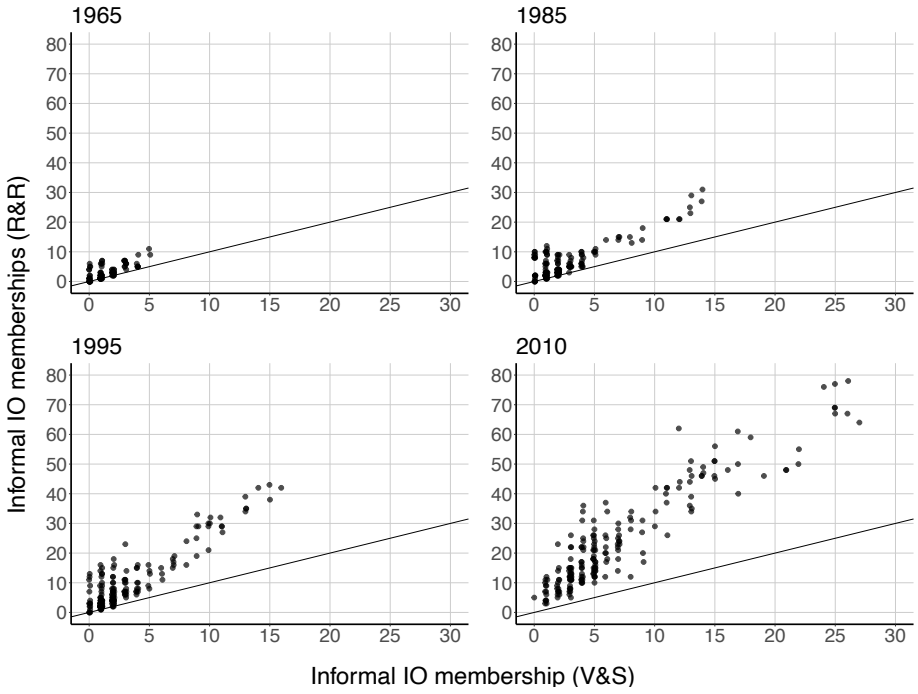

Figure A2. Scatterplot comparison of states' informal IO membership for authors' dataset and Vabulas and Snidal's in four years

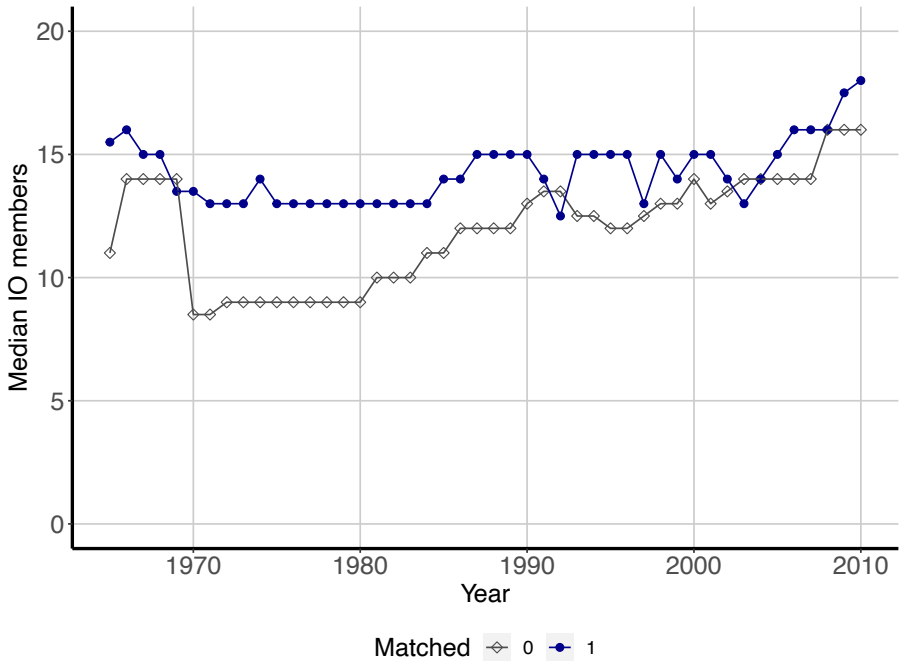

Figure A3. Median number of member states in informal IO membership for authors' dataset and Vabulas and Snidal's by year