

## Online appendix

### **Are authoritative international organizations challenged more? A recurrent event analysis of member state criticisms and withdrawals**

Hylke Dijkstra, *Maastricht University*

Farsan Ghassim, *Maastricht University / University of Oxford*

#### **Contents**

1a) Member state criticisms dataset: IO codes, acronyms, and names .....	2
1b) Member state criticisms dataset: IOs, observation years, and number of observations .....	3
2a) Member state withdrawals dataset: IO codes, acronyms, and names .....	5
2b) Member state withdrawals dataset: IOs, observation years, and number of observations .....	23
3) Formal introduction of the Andersen-Gill method .....	42
4) Robustness check: Andersen-Gill analyses without preference heterogeneity variable .....	43
5) Variance inflation factors in main analyses .....	46
References .....	48

### 1a) Member state criticisms dataset: IO codes, acronyms, and names

<u>IO number</u>	<u>IO acronym</u>	<u>IO name</u>
470	AMU	Arab Maghreb Union
650	APEC	Asia-Pacific Economic Cooperation
750	ASEAN	Association of Southeast Asian Nations
3760	AU	Organization for African Unity
330	CAN	Andean Community
880	CARICOM	Caribbean Community
1390	CoE	Council of Europe
1240	CommonW	Commonwealth Secretariat
1830	EU	European Union
1840	FAO	Food and Agricultural Organization
2702	ICC	International Criminal Court
2830	ILO	International Labour Organization
2880	IMF	International Monetary Fund
3250	IWC	International Whaling Commission
2572	NAFO	Northwest Atlantic Fish Organization
3670	NAFTA	North American Free Trade Agreement
3700	NATO	North Atlantic Treaty Organization
3590	NC	Nordic Council
3900	OAS	Pan-American Union / Organization of American States
3750	OECD	Organization for Economic Cooperation and Development
3850	OIC	Organisation of Islamic Conference
3770	OSCE	Organization for Security and Co-operation Europe
4200	PIF	Pacific Island Forum
4250	SADC	Southern African Development Community
4115	SCO	Shanghai Cooperation Organisation
4400	UN	United Nations
4410	UNESCO	United Nations Education, Scientific, and Cultural Organization

<u>IO number</u>	<u>IO acronym</u>	<u>IO name</u>
2400	WB	World Bank
4550	WHO	World Health Organization
4580	WTO	World Trade Organization

Note: “IO number” refers to the code of the IO in the dataset of Pevehouse et al. (2020).

### 1b) Member state criticisms dataset: IOs, observation years, and number of observations

<u>IO acronym</u>	<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>	<u>7</u>	<u>8</u>	<u>9</u>	<u>10</u>	<u>11</u>	<u>12</u>	<u>13</u>	<u>14</u>	<u>15</u>	<u>16</u>	<u>17</u>	<u>18</u>	<u>19</u>	<u>20</u>	<u>21</u>	<u>22</u>	<u>23</u>	<u>24</u>	<u>25</u>	<u>26</u>	<u>27</u>	<u>28</u>	
<i>AMU</i>	14																												
<i>APEC</i>	93	96	99	03	14																								
<i>ASEAN</i>	86	93	94	97	99	02	05	14																					
<i>AU</i>	88	93	94	95	96	98	99	00	05	06	08	11	14																
<i>CAN</i>	14																												
<i>CARICOM</i>	14																												
<i>CoE</i>	95	96	98	00	01	02	04	06	12	14																			
<i>CommonW</i>	88	91	94	95	97	98	99	00	01	02	03	04	13	14															
<i>EU</i>	91	94	95	96	97	98	99	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14							
<i>FAO</i>	89	08	14																										
<i>ICC</i>	08	09	13	14																									
<i>ILO</i>	87	97	99	00	05	14																							
<i>IMF</i>	95	98	99	00	01	03	05	09	10	14																			
<i>IWC</i>	93	95	97	00	02	07	08	14																					
<i>NAFO</i>	14																												
<i>NAFTA</i>	96	01	14																										
<i>NATO</i>	88	89	91	92	93	94	95	96	97	98	99	00	01	02	03	04	05	06	07	08	09	11	12	14					
<i>NC</i>	14																												
<i>OAS</i>	88	89	90	91	92	93	94	96	98	00	02	03	04	05	06	09	10	11	12	14									
<i>OECD</i>	01	02	03	09	14																								

<u>IO acronym</u>	<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>	<u>7</u>	<u>8</u>	<u>9</u>	<u>10</u>	<u>11</u>	<u>12</u>	<u>13</u>	<u>14</u>	<u>15</u>	<u>16</u>	<u>17</u>	<u>18</u>	<u>19</u>	<u>20</u>	<u>21</u>	<u>22</u>	<u>23</u>	<u>24</u>	<u>25</u>	<u>26</u>	<u>27</u>	<u>28</u>
<i>OIC</i>	91	94	96	00	01	02	04	09	12	13	14																	
<i>OSCE</i>	95	96	98	99	00	01	02	03	04	05	06	07	08	09	11	12	14											
<i>PIF</i>	14																											
<i>SADC</i>	14																											
<i>SCO</i>	14																											
<i>UN</i>	86	87	88	90	91	92	93	94	95	96	97	98	99	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14
<i>UNESCO</i>	85	86	87	97	06	07	09	11	14																			
<i>WB</i>	88	93	94	95	97	98	00	02	03	04	06	07	08	09	10	14												
<i>WHO</i>	86	95	03	04	07	09	14																					
<i>WTO</i>	96	97	98	99	00	01	08	14																				

Note: The table illustrates the number and years of observations for each IO in the dataset. Observation years omit the century (that is, 19<sup>th</sup> or 20<sup>th</sup>) due to space limitations. IOs with only one observation had no event of interest in the observation timeframe – that is, no member state criticism based on Sommerer and colleagues (Sommerer 2022; Sommerer et al. 2022) – or only one year with such events, namely, the final observation year. Member state criticisms were isolated by concentrating on those incidents of IO-related critiques in which the sources were states and constituents.

## 2a) Member state withdrawals dataset: IO codes, acronyms, and names

<u>IO number</u>	<u>IO acronym</u>	<u>IO name</u>
10	ACPEU	ACP-EU Joint Assembly
20	ACSSRB	Administrative Center for Social Security for Rhine Boatmen
25	ACWL	Advisory Centre on WTO Law
30	CAMES	African and Malagasy Council for Higher Education
40	AMSC	African and Malagasy Sugar Council
50	ACSO	African Civil Service Observatory
60	ACI	African Cultural Institute / African and Mauritanian Cultural Institute
70	AfDB	African Development Bank
80	AFEXIMB	African Export Import Bank
90	AFRAND	African Foundation for Research and Development
100	AFGEC	African Fund for Guarantee and Economic Cooperation
110	AGC	African Groundnut Council
115	AIPO	African Intellectual Property Organization
120	AMCO	African Malagasy Coffee Organization
125	AMCOW	African Ministers' Council on Water
130	AfrOPDA	African Oil Palm Development Association
140	AOCRS	African Organization of Cartography and Remote Sensing
150	APPA	African Petroleum Producers Association
155	APTU	African Postal and Telecommunications Union
160	AFPU	African Postal Union
170	ARIPO	African Regional Industrial Property Organization / African Regional Intellectual Property Organization
180	Africare	African Reinsurance Corporation
190	ASATP	African School of Architecture and Town Planning
200	ASCBC	African Standing Conference on Bibliographic Control
210	ATO	African Timber Organization
220	ACP	African, Caribbean and Pacific Group of States
225	ALSF	African Legal Support Facility
230	AARO	Afro-Asian Rural Reconstruction Organization

<u>IO number</u>	<u>IO acronym</u>	<u>IO name</u>
240	AMIPO	Afro-Malagasy Industrial Property Office
250	AMPTU	Afro-Malagasy Postal and Telecommunications Union
260	OCAM	Afro-Malagasy Union / Common Afro-Malagasy Economic Organization
270	ACCT	Agence de La Francophonie
275	AITIC	Agency for International Trade Information and Cooperation
280	OPANAL	Agency for the Prohibition of Nuclear Weapons in Latin America
290	ASECNA	Agency for the Safety of Aerial Navigation in Africa and Madagascar
300	BONN	Agreement for cooperation in dealing with pollution of the North Sea (Bonn Agreement)
310	AmCC	Amazonian Cooperation Council
320	ACDT	American Committee on Dependent Territories
330	Andean	Andean Common Market / Andean Pact / Andean Community
340	AP	Andean Parliament
360	ANZUS	Australia, New Zealand, United States Council
370	AAID	Arab Authority for Agricultural Investment and Development
380	ABEDA	Arab Bank for Economic Development in Africa
390	ACML	Arab Centre for Medical Literature
400	ACC	Arab Cooperation Council
410	AFTE	Arab Federation for Technical Education
420	AFESD	Arab Fund for Economic and Social Development
430	AGPUNDO	Arab Gulf Programme for United Nations Development Organizations
440	AIDO	Arab Industrial Development and Mining Organization
450	AIC	Arab Investment Company
460	ALO	Arab Labour Organization
470	AMU	Arab Maghreb Union
490	AMF	Arab Monetary Fund
500	AOAD	Arab Organization for Agricultural Development
510	AOMR	Arab Organization for Mineral Resources
520	ARPU	Arab Postal Union / Arab Permanent Postal Commission
530	ArticC	Arctic Council
540	ASEF	Asia-Europe Foundation

<u>IO number</u>	<u>IO acronym</u>	<u>IO name</u>
550	APCC	Asian and Pacific Coconut Community
560	ASPAC	Asian and Pacific Council
570	ACU	Asian Clearing Union
580	AsDB	Asian Development Bank
590	AIDC	Asian Industrial Development Council
600	APO	Asian Productivity Organization
610	ARC	Asian Reinsurance Corporation
620	AVRDC	Asian Vegetable Research and Development Center
630	AALCO	Asian-African Legal Consultative Committee
640	AOPU	Asian-Oceanic Postal Union / Asian-Pacific Postal Union
650	APEC	Asia-Pacific Economic Cooperation
660	APIBD	Asia-Pacific Institute for Broadcasting Development
670	APT	Asia-Pacific Telecommunity
680	ABEPSEAC	Association between the European Economic Community and the Partner States of the East African Community
690	AACB	Association of African Central Banks
700	AATA	Association of African Tax Administrators
710	AATPO	Association of African Trade Promotion Organizations
720	ACS	Association of Caribbean States
725	AFSPC	Association of Financial Supervisors of Pacific Countries
730	AIOEC	Association of Iron Ore Exporting Countries
740	ASCRubber	Association of Natural Rubber Producing Countries
750	ASEAN	Association of South East Asian Nations
760	ASBLAC	Association of Supervisors of Banks of Latin America and the Caribbean
770	ATPC	Association of Tin Producing Countries
780	BC	Baltic Council
800	BALTBAT	Baltic Peacekeeping Battalion
810	BIS	Bank for International Settlements
815	BS	Bank of the South
820	BIISEF	Banque internationale d'information sur les Etats francophones

<u>IO number</u>	<u>IO acronym</u>	<u>IO name</u>
825	BOBP	Bay of Bengal Programme Inter-Governmental Organization
832	BORGIP	Benelux Organization for Intellectual Property
840	BENELUX	Benelux Economic Union
850	BIONET	BioNET INTERNATIONAL - Global Network for Biosystematics
860	BNDP	Board of Nordic Development Projects
870	BCSC	British Commonwealth Scientific Committee/Commonwealth Science Council
871	CABI	CAB International
873	CSLF	Carbon Sequestration Leadership Forum
875	CComm	Caribbean Commission / Anglo-American Caribbean Commission
880	CARICOM	Caribbean Community
890	CDB	Caribbean Development Bank
900	CXC	Caribbean Examinations Council
910	CFATF	Caribbean Financial Action Task Force
912	CARIFTA	Caribbean Free Trade Association
913	Corg	Caribbean Organization
920	CPU	Caribbean Postal Union
940	UDEAC	Central African Customs and Economic Union
950	CACB	Central American Coffee Board
970	CAEC	Central American Energy Commission
980	CAIPA	Central American Institute for Public Administration
990	SICA	Central American Integration System
1000	CAMSF	Central American Monetary Stabilization Fund
1010	CARII	Central American Research Institute for Industry
1020	CEEPN	Central and Eastern European Privatization Network
1030	CAECC	Central Asian Economic Community / Central Asian Economic Union / Central Asian Cooperation Organization
1040	CBI	Central Bureau for the International 1:1,000,000 Map of the World
1050	CCNR	Central Commission for the Navigation of the Rhine
1060	CCOM	Central Compensation Office of the Maghreb
1070	CEFTA	Central European Free Trade Association

<u>IO number</u>	<u>IO acronym</u>	<u>IO name</u>
1080	CEI	Central European Initiative
1090	OTIF	Central Office for International Railway Transport
1095	CPAB	Central Pan American Bureau of Eugenics and Homiculture
1100	CENTO	Central Treaty Organization / Middle East Treaty Organization
1110	INFSMK	Centre for Marketing Information and Advisory Services for Fishery / INFOSAMAK
1115	CfRN	Coalition for Rainforest Nations
1120	CCPA	Cocoa Producers Alliance
1125	CSTO	Collective Security Treaty Organization
1130	COSAVE	Comité Regional de Sanidad Vegetal del Cono Sur
1140	CIFC	Commission for International Financial Control in Macedonia
1145	CTCAf	Commission for Technical Cooperation in Africa South of the Sahara
1150	LCBC	Commission of the Chad Basin / Lake Chad Basin Commission
1160	CFC	Common Fund for Commodities
1170	COMESA	Common Market for Eastern and Southern Africa
1180	CAARC	Commonwealth Advisory Aeronautical Research Council
1190	ComAB	Commonwealth Agricultural Bureau
1200	CATC	Commonwealth Air Transport Council
1210	CEC	Commonwealth Economic Committee
1220	CELC	Commonwealth Education Liaison Committee
1230	CIS	Commonwealth of Independent States
1240	ComSec	Commonwealth Secretariat
1250	CTO	Commonwealth Telecommunications Board
1260	CEMAC	Communauté économique et monétaire d'Afrique centrale
1270	CPSC	Community of Portuguese-Speaking Countries
1280	CAAD	Concerted Action for African Development
1290	CIMA	Confrence interafricaine des marchés d'assurances / Inter-African Conference on Insurance Markets
1300	CONFESJES	Conférence des ministres de la jeunesse et des sports des pays
1310	CAMRSD	Conference of African Ministers Responsible for Sustainable
1320	CHSTEAF	Conference of Heads of State of Equatorial Africa
1330	CMAOC	Conference of Ministers of Agriculture of West and Central Africa

<u>IO number</u>	<u>IO acronym</u>	<u>IO name</u>
1340	COPTAC	Conference of Posts and Telecommunications Administrations of Central Africa / Conference of Posts and Telecommunications of Central Africa
1345	CICA	Conference on Interaction and Confidence-Building Measures in Asia
1350	CACI	Conferencia de Autoridades Cinematograficas de Iberoamerica
1355	CBFP	Congo Basin Forest Partnership
1360	CAB	Convenio Andrés Bello de integración educativa, científica y cultural
1370	CMEA	Council for Mutual Economic Aid
1380	COLOMBO	Council for Technical Cooperation in South and Southeast Asia
1390	COE	Council of Europe
1400	CMAEC	Council of Ministers for Asian Economic Cooperation
1410	CMHASG	Council of Ministers of Health of the Arab States of the Gulf
1420	CBSS	Council of the Baltic Sea States
1430	Entente	Council of the Entente / Entente Council
1440	Danube	Danube Commission
1450	DLCOEA	Desert Locust Control Organization for East Africa
1455	D8	Developing 8 Organization for Economic Cooperation
1460	DBGLS	Development Bank of the Great Lakes States
1470	EACM	East African Common Market
1475	EACSO	East African Common Services Organization
1480	EADB	East African Development Bank
1486	ECCM	East Caribbean Common Market
1489	ECCA	Eastern Caribbean Currency Area
1490	ECCB	Eastern Caribbean Central Bank
1500	ECCAS	Economic Community of Central African States
1510	CEPGL	Economic Community of the Great Lakes Countries
1520	ECOWAS	Economic Community of West African States
1530	ECO	Economic Cooperation Organization
1532	ERIA	Economic Research Institute for ASEAN and East Asia
1535	EMB	Empire Marketing Board
1540	EAPO	Eurasian Patent Organization

<u>IO number</u>	<u>IO acronym</u>	<u>IO name</u>
1545	EAEC	Eurasian Economic Community
1550	EAPC	Euro Atlantic Partnership Council
1560	EMPPPO	European and Mediterranean Plant Protection Organization
1563	EURAMET	European Association of National Metrology Institute
1565	EURATOM	European Atomic Energy Commission
1570	EBRD	European Bank for Reconstruction and Development
1580	ECB	European Central Bank
1585	ECSC	European Coal and Steel Community
1590	EUROMET	European Collaboration on Measurement Standards
1600	EUFMD	European Commission for the Control of Foot and Mouth Disease
1610	ECCD	European Commission for Control of the Danube
1620	ECCPIF	European Company for the Chemical Processing of Irradiated Fuels
1630	EUROFIMA	European Company for the Financing of Railway Rolling Stock
1640	ECPTA	European Conference of Postal and Telecommunications Administrations
1645	EFCC	European Food Code Council
1650	WCO	European Customs Union Study Group / Customs Cooperation Council / World Customs Organization
1653	EEC	European Economic Community/European Community
1660	EFILWC	European Foundation for the Improvement of Living and Working
1670	EFTA	European Free Trade Association
1675	EIP	European Institute for Peace
1680	EIPA	European Institute of Public Administration
1690	EIB	European Investment Bank
1700	EMBC	European Molecular Biology Conference
1710	EMBL	European Molecular Biology Laboratory
1715	EMI	European Monetary Institute
1720	CERN	European Organization for Nuclear Research
1730	EUROCONTROL	European Organization for the Safety of Air Navigation
1740	EPO	European Patent Office / European Patent Organization
1750	EPU	European Payments Union
1760	EPFSC	European Postal Financial Services Commission

<u>IO number</u>	<u>IO acronym</u>	<u>IO name</u>
1770	EPA	European Productivity Agency
1780	ESO	European Southern Observatory
1790	ESA	European Space Agency
1800	ESRO	European Space Research Organization
1810	ELDO	European Space Vehicle Launcher Development Organization
1820	ETF	European Training Foundation
1830	EU	European Union
1840	FAO	Food and Agricultural Organization
1850	FEC	Far East Commission
1860	FDIPLAC	Fund for the Development of the Indigenous Peoples of Latin America
1870	OMVG	Gambia River Basin Development Organization
1880	GATT	General Agreement on Tariffs and Trade
1890	SIECA	General Treaty on Central American Economic Integration
1900	GEF	Global Environment Facility
1905	GHSI	Global Health Security Initiative
1910	G15	Group of Fifteen
1920	GLACSEC	Group of Latin American and Caribbean Sugar Exporting Countries
1930	SCHENGEN	Group of Schengen
1940	VALDIVIA	Group of Temperate Southern Hemisphere Countries on the Environment
1950	G3	Group of Three
1960	GEO	Group on Earth Observations
1970	GBACT	Group on the Balkan Agreement on Cooperation on Tourism
1980	GCRSNC	Guidance Committee for Road Safety in the Nordic Countries
1990	GCC	Gulf Cooperation Council
2000	GOIC	Gulf Organization for Industrial Consulting
2010	HCPIL	Hague Conference on Private International Law
2015	SEGIB	Ibero-American General Secretariat
2020	IABE	Ibero-American Office of Education / Organization of Ibero-American States for Education, Science and Culture
2030	IDC	Imperial Defense Committee

<u>IO number</u>	<u>IO acronym</u>	<u>IO name</u>
2033	IIE	Imperial Institute of Entomology
2036	IMI	Imperial Mycological Institute
2040	CWGC	Imperial War Graves Commission / Commonwealth War Graves Commission
2050	IOCom	Indian Ocean Commission
2055	IORARC	Indian Ocean Rim Association for Regional Cooperation / Ocean Rim Initiative / Indian Ocean Rim Association
2060	APFIC	Indo-Pacific Fisheries Council / Asia Pacific Fishery Commission
2070	INCAP	Institute of Nutrition for Central America and Panama
2080	IACS	Inter-African Committee on Statistics
2090	IAPhy	Inter-African Phytosanitary Convention
2100	IARA	Inter-Allied Reparation Agency
2105	IARHC	Inter-Allied Rhineland High Commission
2110	IACI	Inter-American Children's Institute
2120	IACB	Inter-American Coffee Board
2130	IACW	Inter-American Commission of Women
2140	IACSS	Inter-American Conference on Social Security
2150	IADefB	Inter-American Defense Board
2160	IADB	Inter-American Development Bank
2170	IAFC	Inter-American Federation of Cotton
2175	IAHC	Inter-American High Commission
2180	IAII	Inter-American Indian Institute
2190	IAIAS	Inter-American Institute of Agricultural Science
2200	IAIC	Inter-American Investment Corporation
2203	IARadiO	Inter-American Radio Office
2206	IATB	Inter-American Trademark Bureau
2210	IATTC	Inter-American Tropical Tuna Commission
2220	IAIGC	Inter-Arab Investment Guarantee Corporation
2230	IGAD	Intergovernmental Authority on Development
2240	IBI	Intergovernmental Bureau for Informatics
2250	IOMig	Intergovernmental Committee for European Migration / International Organization for Migration

<u>IO number</u>	<u>IO acronym</u>	<u>IO name</u>
2260	ICRPBC	Intergovernmental Committee of the River Plate Basin Countries
2270	IGCC	Intergovernmental Copyright Committee
2280	ICCEC	Intergovernmental Council of Copper Exporting Countries
2285	G24	Intergovernmental Group of Twenty-Four on International Monetary
2290	IOcC	Intergovernmental Oceanographic Commission
2300	INFOFISH	Intergovernmental Organization for Marketing Information and Technical Advisory
2310	ITVRC	Intergovernmental TV & Radio Corporation
2315	IUIC	Intergovernmental University of Cooperation
2320	ICCILMB	Interim Committee for Coordination of Investigations of the Lower Mekong Basin
2325	IALong	International Advisory Committee for Long Distance Telephony
2330	IAMLO	International African Migratory Locust Organization
2340	IATSJ	International Arbitration Tribunal at San Jose
2345	IABath	International Association for Public Baths and Cleanliness
2350	IAS	International Association of Seismology
2360	IASAJ	International Association of Supreme Administrative Jurisdictions
2370	IAEA	International Atomic Energy Agency
2380	IARuhr	International Authority for the Ruhr
2390	IBEC	International Bank for Economic Cooperation
2400	IBRD	International Bank for Reconstruction and Development (World Bank)
2410	IBA	International Bauxite Association
2430	IBIER	International Bureau for Information and Enquiries regarding Relief to Foreigner
2440	IBPMP	International Bureau for the Protection of the Moselle against Pollution
2450	ICPRP	International Bureau for the Protection of the Rhine against Pollution/Convention on the Protection of the Rhine
2455	IBCS	International Bureau of Commercial Statistics
2460	IBE	International Bureau of Education
2470	BIPM	International Bureau of Weights and Measures
2480	ICCROM	International Center for the Study of the Preservation and the Restoration of Cultural Property
2490	ICAmO	International Central American Office

<u>IO number</u>	<u>IO acronym</u>	<u>IO name</u>
2492	ICFAM	Intergovernmental Institution for the use of Micro-Algae Spirulina Against Malnutrition / Intergovernmental Institution for the use of Micro-Algae Against Malnutrition
2495	IChemO	International Chemistry Office
2500	ICAO	International Civil Aviation Organization
2510	ICivDO	International Civil Defence Organization
2520	ICCO	International Cocoa Organization
2530	ICfO	International Coffee Organization
2540	ICDR	International Commission for the Decennial Revision of the Nomenclature of the Causes of Death
2550	ICHRB	International Commission for the Hydrology of the Rhine Basin
2560	ICNC	International Commission for the Navigation of the Congo
2570	ICNWF	International Commission for the Northwest Atlantic Fisheries
2572	NAFO	Northwest Atlantic Fisheries Organization
2575	IComO	International Commission for the Oder
2580	ICSE	International Commission for the Scientific Exploration of the Mediterranean Sea / Mediterranean Science Commission
2590	ICSEAF	International Commission for the Southeast Atlantic Fisheries
2600	ICAI	International Commission of Agricultural Industries / International Commission for Agricultural and Food Industries
2610	ICCSLT	International Commission of the Cape Spartel Light in Tangier
2620	ICCS	International Commission on Civil Status
2630	ICTM	International Commission on the Teaching of Mathematics
2640	ICMMP	International Committee of Military Medicine and Pharmacy/International Committee
2650	ICPTU	International Conference for Promoting Technical Unification on the Railways
2660	ICSG	International Copper Study Group
2670	ICRI	International Coral Reef Initiative
2680	ICAC	International Cotton Advisory Committee
2690	ICES	International Council for the Exploration of the Sea
2700	INTERPOL	International Criminal Police Commission / International Criminal Police Organization
2702	ICC	International Criminal Court
2705	IEC	International Elbe Commission

<u>IO number</u>	<u>IO acronym</u>	<u>IO name</u>
2710	IEA	International Energy Agency
2720	IES	International Exchange Service
2730	IEXB	International Exhibitions Bureau
2740	IFCA	International Finance Commission at Athens
2750	IFC	International Finance Corporation
2760	IFAD	International Fund for Agricultural Development
2770	AralSea	International Fund for Saving the Aral Sea
2780	IHO	International Hydrographic Bureau / International Hydrographic Organization
2790	UNIDROIT	International Institute for the Unification of Private Law
2795	IIWEE	International Institute for Water and Environment Engineering
2800	IIA	International Institute of Agriculture
2805	IICom	International Institute of Commerce
2810	IIF	International Institute of Refrigeration / International Cold Institute
2820	IJO	International Jute Organization
2830	ILO	International Labour Organization
2840	ILZSG	International Lead and Zinc Study Group
2850	IMBSlav	International Maritime Bureau Against the Slave Trade
2860	IMO	International Maritime Organization / Provisional Maritime Consultative Commission
2870	IMSO	International Mobile Satellite Organization
2880	IMF	International Monetary Fund
2890	IMC	International Moselle Company
2900	INRO	International Natural Rubber Organization
2910	INSG	International Nickel Study Group
2920	INPFC	International North Pacific Fisheries Commission
2930	IOEz	International Office of Epizootics / World Organization for Animal Health
2940	IOPH	International Office of Public Hygiene
2950	IOPCF	International Oil Pollution Compensation Funds 1971 and 1992
2960	IOOC	International Olive Oil Council
2970	IOLM	International Organization for Legal Metrology
2972	IPi	International Patent Institute

<u>IO number</u>	<u>IO acronym</u>	<u>IO name</u>
2980	IPedI	International Pedological Institute
2990	IPentC	International Penitentiary Commission
3000	IPC	International Pepper Community
3010	IPhyL	International Physiological Laboratories on Monte-Rosa
3030	IPrizeC	International Prize Court
3040	IRLCS	International Red Locust Control Service
3050	IRO	International Refugee Organization
3060	RIOPPAH	International Regional Organization against Plant and Animal Diseases / International Regional Organization for Plant Protection and Animal Health
3070	IRU	International Relief Union
3075	IRENA	International Renewable Energy Agency
3090	IRSG	International Rubber Study Group
3095	ISRBC	International Sava River Basin Commission
3100	ISA	International Seabed Authority
3110	ISUPT	International Secretariat for the Unification of Pharmacological Terms
3130	ISuC	International Sugar Council
3140	ITPA	International Tea Promotion Association
3150	ITCLE	International Technical Committee of Legal Experts on Air Questions
3160	ITU	International Telecommunication Union
3170	INTELSAT	International Telecommunications Satellite Organization
3175	ITCC	International Telegraph Consultative Committee
3177	IIFEO	International Thermonuclear Experimental Reactor International Fusion Energy Organization
3180	ITC	International Tin Council
3185	ITRO	International Tripartite Rubber Organization, Thailand
3190	ITTO	International Tropical Timber Organization
3200	IUIP	International Union for the Protection of Industrial Property
3210	IUPLAW	International Union for the Protection of Literary and Artistic Works
3220	IUPCT	International Union for the Publication of Customs Tariffs / International Customs Tariffs Bureau
3230	IUPR	International Union of Pruth
3240	IVWO	International Wine Office

<u>IO number</u>	<u>IO acronym</u>	<u>IO name</u>
3245	OIV	International Organization of Vine and Wine
3250	IWhale	International Whaling Commission
3260	IGC	International Wheat Advisory Committee / International Grains Council
3270	IWSG	International Wool Study Group
3280	Iocean	Interoceanmetal
3290	ISB	Inter-State Bank
3300	IOATHRE	Inter-State Organization for Advanced Technicians of Hydraulics and
3310	ISHREST	Inter-State School of Hydraulic and Rural Engineering for Senior
3320	ISDB	Islamic Development Bank
3330	Turksoy	Joint Administration of the Turkic Culture and Arts
3340	JALAAO	Joint Anti-Locust and Anti-Aviarian Organization
3350	JINR	Joint Institute for Nuclear Research
3360	JNOLCRH	Joint Nordic Organization for Lappish Culture and Reindeer Husbandry
3370	LACP	Latin American Center for Physics
3380	LACAC	Latin American Civil Aviation Commission
3390	SELA	Latin American Economic System
3400	LAIEC	Latin American Educational Film Institute / Latin American Institute of Educational Communication
3410	LAEO	Latin American Energy Organization
3420	LAFDO	Latin American Fisheries Development Organization
3428	LAFTA	Latin American Free Trade Association
3430	LAIA	Latin American Integration Association
3440	LATIN	Latin Union
3450	LOAS	League of Arab States
3460	LoN	League of Nations
3470	LGIDA	Liptako-Gourma Integrated Development Authority
3480	MRU	Mano River Union
3485	MAOCN	Maritime Analysis and Operations Centre - Narcotics
3490	MWN	Mediterranean Water Network
3505	MARRI	Migration, Asylum, Refugees Regional Initiative
3510	MCWCASM	Ministerial Conference of West and Central African States on Maritime

<u>IO number</u>	<u>IO acronym</u>	<u>IO name</u>
3520	MCPTTC	Multi-Country Posts and Telecommunications Training Centre
3530	Montreal	Multilateral Fund for the Implementation of the Montreal Protocol
3540	MIGA	Multilateral Investment Guarantee Agency
3550	MFO	Multinational Force and Observers
3560	NACAP	Network of Aquaculture Centres in Asia-Pacific
3570	NRC	Niger River Commission / Niger Basin Authority
3580	NAM	Non-Aligned Movement
3585	NVC	Nordic Centre for Welfare and Social Issues
3590	NordC	Nordic Council
3600	NCRR	Nordic Council for Reindeer Research
3610	NCTR	Nordic Council for Tax Research
3620	NCM	Nordic Council of Ministers
3630	NDF	Nordic Development Fund
3640	NERC	Nordic Economic Research Council
3650	NIB	Nordic Investment Bank
3655	NPI	Nordic Patent Institute
3660	NTSC	Nordic Telecommunications Satellite Council
3665	NWHF	Nordic World Heritage Foundation
3670	NAFTA	North American Free Trade Agreement
3680	NAPPO	North American Plant Protection Organization
3690	NASCO	North Atlantic Salmon Conservation Organization
3700	NATO	North Atlantic Treaty Organization
3705	NPAFC	North Pacific Anadromous Fish Commission
3710	NPFSC	North Pacific Fur Seal Commission
3720	PICES	North Pacific Marine Science Organization
3730	NEAFC	Northeast Atlantic Fisheries Commission
3740	AFRISTAT	Observatoire économique et statistique d'Afrique subsaharienne
3750	OECD	Organization for Economic Cooperation and Development
3760	OAU	Organization for African Unity
3761	AU	African Union

<u>IO number</u>	<u>IO acronym</u>	<u>IO name</u>
3762	OEEC	Organization for European Economic Cooperation
3770	OSCE	Organization for Security and Cooperation in Europe
3780	OCR	Organization for the Collaboration of Railways / Organization of Railways Cooperation
3790	OMDKR	Organization for the Management and Development of the Kagera River
3800	OAPEC	Organization of Arab Petroleum Exporting Countries
3810	BSEC	Organization of Black Sea Economic Cooperation
3812	OCAS	Organization of Central American States
3820	OCCEDCA	Organization of Coordination for the Control of Endemic Diseases in Central Africa
3830	OECS	Organization of Eastern Caribbean States
3840	OPEC	Organization of Petroleum Exporting Countries
3850	OIC	Organization of the Islamic Conference
3855	OSLO	Oslo Commission
3860	OSPAR	OSPAR Commission
3870	PCB	Pacific Cable Board
3875	PAP	Pan-African Parliament
3880	PAIGH	Pan American Institute of Geography and History
3890	PAHO	Pan American Sanitary Bureau / Pan American Sanitary Organization / Pan American Health Organization
3900	OAS	Pan American Union
3905	PAPU	Pan African Postal Union
3910	PC	Paris Commission
3920	PIPD	Partners in Population and Development - A South-South Initiative
3925	PAHC	Permanent Association of Pan American Highway Congresses
3930	PCSP	Permanent Commission for the Conservation of the Maritime Resources of the South
3940	PCA	Permanent Court of Arbitration
3950	PIARC	Permanent International Association of Road Congresses / World Road Association
3960	PIBAC	Permanent International Bureau of the Analytical Chemistry of Human and Animal Food
3965	PICS	Permanent International Commission of Studies on Sanitary Equipment
3970	CILSS	Permanent Interstate Committee for Drought Control in the Sahel
3980	PSNARCO	Permanent Secretariat of the South American Agreement on Narcotic Drugs and Psychotropic Substances

<u>IO number</u>	<u>IO acronym</u>	<u>IO name</u>
4000	PED	Pôle européen de développement
4010	PMAESA	Port Management Association of Eastern and Southern Africa
4020	PUASP	Postal Union of the Americas and Spain / Postal Union of the Americas, Spain, and Portugal
4030	PTASEA	Preferential Trade Agreement for Southern and Eastern Africa
4040	RadioU	Radiotelegraph Union
4050	RASCOM	Regional African Satellite Communications Organization
4055	RECSA	Regional Centre on Small Arms and Light Weapons
4060	RCFC	Regional Commonwealth in the Field of Communications
4070	ARCAL	Regional Cooperation Agreement for the Promotion of Nuclear Science
4075	RCC	Regional Cooperation Council
4080	RCAELA	Regional Council for Adult Education and Literacy in Africa
4085	RepCom	Reparation Commission
4090	RIMMO	Réserve internationale maritime en méditerranée occidentale
4100	RIOgroup	Rio Group
4110	SCAf	Scientific Council for Africa South of the Sahara
4115	SCO	Shanghai Cooperation Organisation / Shanghai Pact / Shanghai Five
4120	EAC	East African Community
4130	SRDO	Senegal River Development Organization
4140	SAMI	Société arabe des mines de l'Inchiri
4150	SWAPU	South and West Asia Postal Union
4160	SACEP	South Asia Cooperative Environment Programme
4170	SAARC	South Asian Association for Regional Cooperation
4180	SITTDEC	South Investment, Trade and Technological Data Exchange Centre
4190	SPC	South Pacific Commission / Secretariat of the Pacific Commission
4200	PIF	South Pacific Forum
4210	SEATO	Southeast Asia Treaty Organization
4220	SEAMEO	Southeast Asian Ministers of Education Organization
4230	SARTC	Southern Africa Regional Tourism Council
4240	SACU	Southern African Customs Union
4250	SADC	Southern African Development Community

<u>IO number</u>	<u>IO acronym</u>	<u>IO name</u>
4251	SADCC	Southern African Development Coordination Conference
4260	Mercosur	Southern Common Market
4265	SWPD	South-West Pacific Dialogue
4270	SAAFA	Special Arab Aid Fund for Africa
4280	SCA	Suez Canal Administration
4290	SugU	Sugar Union
4300	SCH	Superior Council of Health
4320	TCRMG	Tripartite Commission for the Restitution of Monetary Gold
4340	UEMOA	Union économique et monétaire Ouest africaine
4350	UIUCV	Union for the International Use of Carriages and Vans
4360	IUPNVP	Union for the Protection of New Varieties of Plants / International Union of the Protections of New Varieties of Plants
4365	UMAC	Union monétaire de l'Afrique centrale
4370	UBEC	Union of Banana Exporting Countries
4375	UM	Union of the Mediterranean
4380	UASC	United Arab Shipping Company
4390	UKDWD	United Kingdom-Dominion Wool Disposals
4400	UN	United Nations
4410	UNESCO	United Nations Educational, Scientific, and Cultural Organization
4420	UNIDO	United Nations Industrial Development Organization
4430	UPU	Universal Postal Union
4440	USP	University of the South Pacific
4450	VASAB	Vision and Strategies around the Baltic Sea 2010
4460	WPact	Warsaw Treaty Organization
4470	Wassen	Wassenaar Arrangement on Export Controls for Conventional Arms and
4480	AfricaRice	West Africa Rice Development Association / Africa Rice Center
4485	CEAO	West African Economic Community
4490	WAEC	West African Examinations Council
4500	WAHC	West African Health Community
4501	WAHO	West African Health Organization

<u>IO number</u>	<u>IO acronym</u>	<u>IO name</u>
4503	UMOA	West African Monetary Union
4510	WEU	Western European Union
4520	WNF	West-Nordic Foundation
4530	WMO	World Meteorological Organization
4540	WCDC	Working Community of the Danube Countries
4550	WHO	World Health Organization
4560	WIPO	World Intellectual Property Organization
4570	WTOURO	World Tourism Organization
4580	WTO	World Trade Organization

Note: “IO number” refers to the code of the IO in the dataset of Pevehouse et al. (2020).

## **2b) Member state withdrawals dataset: IOs, observation years, and number of observations**

<u>IO acronym</u>	<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>	<u>7</u>	<u>8</u>	<u>9</u>	<u>10</u>	<u>11</u>	<u>12</u>	<u>13</u>	<u>14</u>	<u>15</u>	<u>16</u>	<u>17</u>	<u>18</u>	<u>19</u>	<u>20</u>
<i>AAAID</i>	2014																			
<i>AACB</i>	1989	2001	2014																	
<i>AALCO</i>	1965	2014																		
<i>AARO</i>	2014																			
<i>AATA</i>	1995	2000	2014																	
<i>AATPO</i>	1988	1990	1991	1992																
<i>ABEDA</i>	1978	2014																		
<i>ABEPSEAC</i>	1975																			
<i>ACC</i>	1990																			
<i>ACCT</i>	2014																			
<i>ACDT</i>	1956																			
<i>ACI</i>	1975	1985	1999																	
<i>ACML</i>	2000																			
<i>ACP</i>	2006	2013																		
<i>ACPEU</i>	2014																			

<u>IO acronym</u>	<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>	<u>7</u>	<u>8</u>	<u>9</u>	<u>10</u>	<u>11</u>	<u>12</u>	<u>13</u>	<u>14</u>	<u>15</u>	<u>16</u>	<u>17</u>	<u>18</u>	<u>19</u>	<u>20</u>
<i>ACS</i>	2014																			
<i>ACSO</i>	2010																			
<i>ACSSRB</i>	2014																			
<i>ACU</i>	2014																			
<i>ACWL</i>	2014																			
<i>AfDB</i>	2014																			
<i>AFESD</i>	1980	1994	2014																	
<i>AFEXIMB</i>	2001	2008																		
<i>AFGEC</i>	2014																			
<i>AFPU</i>	1977	1995	2005																	
<i>AFRAND</i>	2000																			
<i>Africare</i>	2014																			
<i>AfricaRice</i>	2014																			
<i>AFRISTAT</i>	2014																			
<i>AfrOPDA</i>	2000																			
<i>AFSPC</i>	2014																			
<i>AFTE</i>	2003																			
<i>AGC</i>	1974	2011																		
<i>AGPUNDO</i>	2002	2005	2014																	
<i>AIC</i>	2006	2014																		
<i>AIDC</i>	1970	1973	1974																	
<i>AIDO</i>	1999	2014																		
<i>AIOEC</i>	1998																			
<i>AIPO</i>	1994	2000	2014																	
<i>AITIC</i>	2009	2010	2011																	
<i>ALO</i>	1998	2014																		
<i>ALSF</i>	2014																			
<i>AmCC</i>	2014																			
<i>AMCO</i>	2005	2007																		
<i>AMCOW</i>	2014																			

<u>IO acronym</u>	<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>	<u>7</u>	<u>8</u>	<u>9</u>	<u>10</u>	<u>11</u>	<u>12</u>	<u>13</u>	<u>14</u>	<u>15</u>	<u>16</u>	<u>17</u>	<u>18</u>	<u>19</u>	<u>20</u>
<i>AMF</i>	1980	1994	2014																	
<i>AMIPO</i>	1965	1974	1975																	
<i>AMPTU</i>	1977	1985	1990	1996																
<i>AMSC</i>	1977																			
<i>AMU</i>	2014																			
<i>Andean</i>	1976	2006	2014																	
<i>ANZUS</i>	2014																			
<i>AOAD</i>	1980	2014																		
<i>AOCRS</i>	2007	2010																		
<i>AOMR</i>	1991																			
<i>AOPU</i>	1965	1970	1972	1974	1977	1981	2014													
<i>AP</i>	1989																			
<i>APCC</i>	1981	2014																		
<i>APEC</i>	2014																			
<i>APFIC</i>	1954	1960	1975	2014																
<i>APIBD</i>	2014																			
<i>APO</i>	1965	2014																		
<i>APPA</i>	1998																			
<i>APT</i>	2014																			
<i>APTU</i>	1962	1965																		
<i>AralSea</i>	2014																			
<i>ARC</i>	1985	2014																		
<i>ARCAL</i>	2014																			
<i>ARIPO</i>	1981	2014																		
<i>ARPU</i>	1955	1975	1978	2013																
<i>ArticC</i>	2013	2014																		
<i>ASATP</i>	2008																			
<i>ASBLAC</i>	2014																			
<i>ASCBC</i>	2000																			
<i>ASCRubber</i>	2013	2014																		

<u>IO acronym</u>	<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>	<u>7</u>	<u>8</u>	<u>9</u>	<u>10</u>	<u>11</u>	<u>12</u>	<u>13</u>	<u>14</u>	<u>15</u>	<u>16</u>	<u>17</u>	<u>18</u>	<u>19</u>	<u>20</u>
<i>AsDB</i>	2014																			
<i>ASEAN</i>	2014																			
<i>ASECNA</i>	2009																			
<i>ASEF</i>	2014																			
<i>ASPAC</i>	1973																			
<i>ATO</i>	1990	2004																		
<i>ATPC</i>	2000	2001																		
<i>AU</i>	2003	2006	2014																	
<i>AVRDC</i>	2014																			
<i>BALTBAT</i>	2003																			
<i>BC</i>	2014																			
<i>BCSC</i>	1965	1973	1985	2000	2001	2014														
<i>BENELUX</i>	2014																			
<i>BIISEF</i>	1993	1996																		
<i>BIONET</i>	2014																			
<i>BIPM</i>	1959	2014																		
<i>BIS</i>	1965	1984	1993	2014																
<i>BNDP</i>	1987																			
<i>BOBP</i>	2014																			
<i>BONN</i>	2014																			
<i>BORGIP</i>	2014																			
<i>BS</i>	2014																			
<i>BSEC</i>	2014																			
<i>CAAD</i>	1988																			
<i>CAARC</i>	1965	1977	1990	1993																
<i>CAB</i>	2014																			
<i>CABI</i>	2002	2004	2010	2014																
<i>CACB</i>	1979																			
<i>CACI</i>	2014																			
<i>CAEC</i>	1993																			

<u>IO acronym</u>	<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>	<u>7</u>	<u>8</u>	<u>9</u>	<u>10</u>	<u>11</u>	<u>12</u>	<u>13</u>	<u>14</u>	<u>15</u>	<u>16</u>	<u>17</u>	<u>18</u>	<u>19</u>	<u>20</u>
<i>CAECC</i>	2006																			
<i>CAIPA</i>	2014																			
<i>CAMES</i>	2014																			
<i>CAMRSD</i>	1997																			
<i>CAMSF</i>	1991																			
<i>CARICOM</i>	2014																			
<i>CARIFTA</i>	1973																			
<i>CARII</i>	1965	1967	1997																	
<i>CATC</i>	1984	1987	1989	1991																
<i>CBFP</i>	2014																			
<i>CBI</i>	1945	1953																		
<i>CBSS</i>	2014																			
<i>CCNR</i>	1936	1945	1952	1965	2014															
<i>CCOM</i>	2000																			
<i>CComm</i>	1959																			
<i>CCPA</i>	2014																			
<i>CDB</i>	2014																			
<i>CEAO</i>	1974	1994																		
<i>CEC</i>	1963	1964	1967																	
<i>CEEPN</i>	2001																			
<i>CEFTA</i>	2004	2007	2014																	
<i>CEI</i>	1992	2014																		
<i>CELC</i>	1965	1967																		
<i>CEMAC</i>	2014																			
<i>CENTO</i>	1965	1979																		
<i>CEPGL</i>	2014																			
<i>CERN</i>	1962	2014																		
<i>CFATF</i>	1999	2012																		
<i>CFC</i>	2014																			
<i>CfRN</i>	2014																			

<u>IO acronym</u>	<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>	<u>7</u>	<u>8</u>	<u>9</u>	<u>10</u>	<u>11</u>	<u>12</u>	<u>13</u>	<u>14</u>	<u>15</u>	<u>16</u>	<u>17</u>	<u>18</u>	<u>19</u>	<u>20</u>
<i>CHSTEA</i>	1968																			
<i>CICA</i>	2014																			
<i>CIFC</i>	1914																			
<i>CILSS</i>	2014																			
<i>CIMA</i>	2005	2011																		
<i>CIS</i>	2008	2014																		
<i>CMAEC</i>	1971																			
<i>CMAOC</i>	2014																			
<i>CMEA</i>	1956	1960	1965	1986	1991															
<i>CMHASG</i>	2013																			
<i>COE</i>	2014																			
<i>COLOMBO</i>	1965	1992	2014																	
<i>ComAB</i>	1958	1962	1971	1973	1975	1977	1981	1985												
<i>COMESA</i>	1997	1998	2000	2004	2007	2014														
<i>ComSec</i>	1969	1973	1988	2004	2013	2014														
<i>CONFEJES</i>	2014																			
<i>COPTAC</i>	2014																			
<i>Corg</i>	1965																			
<i>COSAVE</i>	2014																			
<i>CPAB</i>	1949																			
<i>CPSC</i>	2014																			
<i>CPU</i>	2014																			
<i>CSLF</i>	2014																			
<i>CSTO</i>	2012	2014																		
<i>CTCAf</i>	1965																			
<i>CTO</i>	1963	1967	2004	2007	2008	2013	2014													
<i>CWGC</i>	1961	1965	2014																	
<i>CXC</i>	2014																			
<i>D8</i>	2014																			
<i>Danube</i>	2014																			

<u>IO acronym</u>	<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>	<u>7</u>	<u>8</u>	<u>9</u>	<u>10</u>	<u>11</u>	<u>12</u>	<u>13</u>	<u>14</u>	<u>15</u>	<u>16</u>	<u>17</u>	<u>18</u>	<u>19</u>	<u>20</u>
<i>DBGLS</i>	1981	2000																		
<i>DLCOEA</i>	2014																			
<i>EAC</i>	2006	2014																		
<i>EACM</i>	1977																			
<i>EACSO</i>	1963	1967																		
<i>EADB</i>	2014																			
<i>EAEC</i>	2014																			
<i>EAPC</i>	2001	2014																		
<i>EAPO</i>	2014																			
<i>EBRD</i>	2014																			
<i>ECB</i>	2000	2014																		
<i>ECCA</i>	1983																			
<i>ECCAS</i>	2011																			
<i>ECCB</i>	2014																			
<i>ECCD</i>	1870	1915	1917	1919	1939															
<i>ECCM</i>	1981																			
<i>ECCPIF</i>	1978	1984																		
<i>ECO</i>	2014																			
<i>ECOWAS</i>	2003	2014																		
<i>ECPTA</i>	1965	1993	2014																	
<i>ECSC</i>	1965	1992																		
<i>EEC</i>	1992																			
<i>EFCC</i>	1965																			
<i>EFILWC</i>	2014																			
<i>EFTA</i>	1973	1986	1995	2014																
<i>EIB</i>	2014																			
<i>EIP</i>	2014																			
<i>EIPA</i>	1995																			
<i>ELDO</i>	1965	1975																		
<i>EMB</i>	1933																			

<u>IO acronym</u>	<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>	<u>7</u>	<u>8</u>	<u>9</u>	<u>10</u>	<u>11</u>	<u>12</u>	<u>13</u>	<u>14</u>	<u>15</u>	<u>16</u>	<u>17</u>	<u>18</u>	<u>19</u>	<u>20</u>
<i>EMBC</i>	2014																			
<i>EMBL</i>	2014																			
<i>EMI</i>	1998																			
<i>EMPPPO</i>	1991	2007	2008	2014																
<i>Entente</i>	2014																			
<i>EPA</i>	1961																			
<i>EPFSC</i>	2006																			
<i>EPO</i>	2014																			
<i>EPU</i>	1958																			
<i>ERIA</i>	2014																			
<i>ESA</i>	2014																			
<i>ESO</i>	2014																			
<i>ESRO</i>	1975																			
<i>ETF</i>	2014																			
<i>EU</i>	2014																			
<i>EUFMD</i>	2014																			
<i>EURAMET</i>	2014																			
<i>EURATOM</i>	1965	1992																		
<i>EUROCONTROL</i>	2006	2014																		
<i>EUROFIMA</i>	2006	2014																		
<i>EUROMET</i>	2007																			
<i>FAO</i>	1949	1951	1953	1955	1962	1965	1967	1977	1981	1995	2014									
<i>FDIPLAC</i>	2014																			
<i>FEC</i>	1951																			
<i>G15</i>	1991	2014																		
<i>G24</i>	1999	2004	2014																	
<i>G3</i>	2006																			
<i>GATT</i>	1995																			
<i>GBACT</i>	1988																			
<i>GCC</i>	2014																			

<u>IO acronym</u>	<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>	<u>7</u>	<u>8</u>	<u>9</u>	<u>10</u>	<u>11</u>	<u>12</u>	<u>13</u>	<u>14</u>	<u>15</u>	<u>16</u>	<u>17</u>	<u>18</u>	<u>19</u>	<u>20</u>
<i>GCRSNC</i>	1999																			
<i>GEF</i>	2014																			
<i>GEO</i>	2014																			
<i>GHSI</i>	2014																			
<i>GLACSEC</i>	1984	2001																		
<i>GOIC</i>	1994	2014																		
<i>HCPIL</i>	1965	1979	2014																	
<i>IABath</i>	1915	1923																		
<i>IABE</i>	1960	1965	1981	1985	2014															
<i>IACB</i>	1948																			
<i>IACI</i>	1963	2010																		
<i>IACS</i>	1965																			
<i>IACSS</i>	1958	1962	1963	1965	1967	1975	1989	1998	2009	2013	2014									
<i>IACW</i>	1963	1965																		
<i>IADB</i>	2014																			
<i>IADefB</i>	1965	2014																		
<i>IAEA</i>	1960	1965	1971	1975	2004	2014														
<i>IAFC</i>	1966																			
<i>IAHC</i>	1931																			
<i>IAIAS</i>	1965	1978	2014																	
<i>IAIC</i>	1990	2014																		
<i>IAIGC</i>	2014																			
<i>IAII</i>	1950	1953																		
<i>IALong</i>	1932																			
<i>IAMLO</i>	1960	1963	1967	1973	1974	1977	1985													
<i>IAPhy</i>	1960																			
<i>IARA</i>	1955																			
<i>IARadiO</i>	1945	1952	1963																	
<i>IARHC</i>	1925	1934																		
<i>IARuhr</i>	1953																			

<u>IO acronym</u>	<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>	<u>7</u>	<u>8</u>	<u>9</u>	<u>10</u>	<u>11</u>	<u>12</u>	<u>13</u>	<u>14</u>	<u>15</u>	<u>16</u>	<u>17</u>	<u>18</u>	<u>19</u>	<u>20</u>
<i>IAS</i>	1922																			
<i>IASAJ</i>	1987	1988	1990	1995	2002	2014														
<i>IATB</i>	1935	1944																		
<i>IATSJ</i>	1916																			
<i>IATTC</i>	1979	1985	2013	2014																
<i>IBA</i>	1990	1995	1997																	
<i>IBCS</i>	1914	1916	1920	1925	1935															
<i>IBE</i>	1935	1951	1969																	
<i>IBEC</i>	1993	2012	2014																	
<i>IBI</i>	1981	1986	1991																	
<i>IBIER</i>	1921																			
<i>IBPMP</i>	2004																			
<i>IBRD</i>	1949	1955	1960	1965	1980	2014														
<i>ICAC</i>	1940	1965	1974	1987	1993	1996	1997	1998	2006	2008	2009	2010	2013	2014						
<i>ICAI</i>	1940	1951	1955	1957	1960	1962	1969	1977	1987	2010										
<i>ICAmO</i>	1914																			
<i>ICAO</i>	1940	1945	1947	1949	1952	1972	1986	1993	2013											
<i>ICC</i>	2014																			
<i>ICCEC</i>	1981	1991	1993	1994	1997															
<i>ICCILMB</i>	1988	1994	1995																	
<i>ICCO</i>	1974	1976	1977	1981	1982	1986	1987	1988	1994	1995	2000	2001	2004	2014						
<i>ICCROM</i>	1975	1999	2002	2013	2014															
<i>ICCS</i>	1955	2014																		
<i>ICCSLT</i>	1890	1918	1919	1958																
<i>ICDR</i>	1905	1920	1930	1938																
<i>ICES</i>	1916	1918	1932	1979	2014															
<i>ICFAM</i>	2014																			
<i>ICfo</i>	1984	1990	1991	1992	1993	1994	1996	1997	1998	2001	2008	2011	2012	2014						
<i>ICChemO</i>	1930	1935	1939																	
<i>ICHRB</i>	2014																			

<u>IO acronym</u>	<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>	<u>7</u>	<u>8</u>	<u>9</u>	<u>10</u>	<u>11</u>	<u>12</u>	<u>13</u>	<u>14</u>	<u>15</u>	<u>16</u>	<u>17</u>	<u>18</u>	<u>19</u>	<u>20</u>
<i>ICivDO</i>	2014																			
<i>ICMMP</i>	1951	1957	1962	1965	1969	1973	1981	1986	1987	1992	1994	1995	1997	2004	2005	2009	2013			
<i>ICNC</i>	1914																			
<i>ICNWAF</i>	1978																			
<i>IComO</i>	1936																			
<i>ICPRP</i>	2014																			
<i>ICPTU</i>	1938																			
<i>ICRI</i>	2014																			
<i>ICRPBC</i>	2014																			
<i>ICSE</i>	1955	2014																		
<i>ICSEAF</i>	1982	1990																		
<i>ICSG</i>	1996	2000	2001	2003	2004	2010	2014													
<i>ICTM</i>	1909	1910	1915	1925	1930	1934														
<i>IDC</i>	1946																			
<i>IEA</i>	2014																			
<i>IEC</i>	1936																			
<i>IES</i>	1915	1925	1939																	
<i>IEXB</i>	1945	1952	1957	1963	1978	1981	1989	1990	1995	2003	2011	2012	2014							
<i>IFAD</i>	2014																			
<i>IFC</i>	1965	2014																		
<i>IFCA</i>	1914																			
<i>IGAD</i>	2014																			
<i>IGC</i>	1950	1962	1963	1965	1968	1975	1986	1995	2003	2004	2005	2014								
<i>IGCC</i>	1971																			
<i>IHO</i>	1925	1930	1940	1945	1949	1952	1963	1965	1978	1979	1983	2008	2013	2014						
<i>IIA</i>	1920	1925	1935	1945																
<i>IICom</i>	1925	1943																		
<i>IIE</i>	1933																			
<i>IIF</i>	1925	1945	1950	1951	1955	1957	1993	1996	1998	2004	2006	2009	2014							
<i>IIFEO</i>	2014																			

<u>IO acronym</u>	<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>	<u>7</u>	<u>8</u>	<u>9</u>	<u>10</u>	<u>11</u>	<u>12</u>	<u>13</u>	<u>14</u>	<u>15</u>	<u>16</u>	<u>17</u>	<u>18</u>	<u>19</u>	<u>20</u>
<i>IWEE</i>	2014																			
<i>IJO</i>	1993	1994	1996	1998	1999	2001														
<i>ILO</i>	1936	1938	1939	1940	1941	1942	1949	1965	1967	1968	1971	1972	1978	1986	2014					
<i>ILZSG</i>	1978	1988	1989	1994	1996	1998	1999	2000	2007	2014										
<i>IMBSlav</i>	1909																			
<i>IMC</i>	1987																			
<i>IMF</i>	1949	1965	1966	1980	2014															
<i>IMI</i>	1933																			
<i>IMO</i>	1955	1960	1973	2014																
<i>IMSO</i>	1995	2014																		
<i>INCAP</i>	2014																			
<i>INFOFISH</i>	2014																			
<i>INFSMK</i>	2014																			
<i>INPFC</i>	1992																			
<i>INRO</i>	1989	1991	1999																	
<i>INSG</i>	2007	2011	2014																	
<i>INTELSAT</i>	1977	1996	2001																	
<i>INTERPOL</i>	1946	1952	1953	1955	1981	1985	1994	2000	2014											
<i>IOATHRE</i>	2004																			
<i>IOcC</i>	1965	1985	2014																	
<i>Iocean</i>	1991	2014																		
<i>IOCom</i>	2014																			
<i>IOEz</i>	1925	1935	1953	1965	1988	1994	2014													
<i>IOLM</i>	1960	1965	1971	1978	1981	1993	1997	2009	2014											
<i>IOMig</i>	1965	1967	1968	1969	1974	1977	1980	1981	1982	2014										
<i>IOOC</i>	1965	1975	1978	1980	1981	1987	1999	2014												
<i>IOPCF</i>	2001	2003	2014																	
<i>IOPH</i>	1910	1940	1944																	
<i>IORARC</i>	2014																			
<i>IPC</i>	2014																			

<u>IO acronym</u>	<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>	<u>7</u>	<u>8</u>	<u>9</u>	<u>10</u>	<u>11</u>	<u>12</u>	<u>13</u>	<u>14</u>	<u>15</u>	<u>16</u>	<u>17</u>	<u>18</u>	<u>19</u>	<u>20</u>
<i>IPedI</i>	1941																			
<i>IPentC</i>	1880	1900	1915	1920	1948	1949	1951													
<i>IPhyL</i>	1925	1929																		
<i>IPI</i>	1965	1971	1977																	
<i>IPrizeC</i>	1914																			
<i>IRENA</i>	2014																			
<i>IRLCS</i>	1965	1970																		
<i>IRO</i>	1950	1952																		
<i>IRSG</i>	1975	1980	1981	1988	1990	1992	1993	1994	1996	1997	1998	2000	2002	2003	2008	2012	2014			
<i>IRU</i>	1935	1949	1950	1951	1952	1955	1956	1957	1959	1960	1962	1964	1965	1967						
<i>ISA</i>	1996	2014																		
<i>ISB</i>	2014																			
<i>ISDB</i>	1987	1993	2014																	
<i>ISHREST</i>	1996																			
<i>ISRBC</i>	2014																			
<i>ISuC</i>	1941	1949	1954	1957	1958	1959	1961	1963	1965	1967										
<i>ISUPT</i>	1914																			
<i>ITC</i>	1960	1965	1974	1977	1983	1984	1985													
<i>ITCC</i>	1956																			
<i>ITCLE</i>	1930	1935	1941																	
<i>ITPA</i>	1983	1984																		
<i>ITRO</i>	2003																			
<i>ITTO</i>	2013	2014																		
<i>ITU</i>	1945	1949	1972	1993	2014															
<i>ITVRC</i>	2014																			
<i>IUIC</i>	2009																			
<i>IUPCT</i>	1900	1940	1949	1952	1957	1960	1965	1969	1973	1974	1977	1984	1989	1990	1992	1996	1997	1999	2009	2014
<i>IUPIP</i>	1940	1956	1965	2014																
<i>IUPLAW</i>	1944	1963	2010	2014																
<i>IUPNVP</i>	2014																			

<u>IO acronym</u>	<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>	<u>7</u>	<u>8</u>	<u>9</u>	<u>10</u>	<u>11</u>	<u>12</u>	<u>13</u>	<u>14</u>	<u>15</u>	<u>16</u>	<u>17</u>	<u>18</u>	<u>19</u>	<u>20</u>
<i>IUPR</i>	1900	1914																		
<i>IVWO</i>	1961	1965	2002	2003																
<i>IWhale</i>	1960	1965	1967	1970	1971	1981	1983	1984	1985	1989	1990	1992	1993	1995	1996	2000	2006	2014		
<i>IWSG</i>	1953	1960	1965	1974	1992															
<i>JALAAO</i>	2000																			
<i>JINR</i>	1960	1965	2014																	
<i>JNOLCRH</i>	2000																			
<i>LACAC</i>	1996	2014																		
<i>LACP</i>	1978	2014																		
<i>LAEO</i>	1988	1997	2014																	
<i>LAEDO</i>	2002	2014																		
<i>LAFTA</i>	1965	1980																		
<i>LAIA</i>	2014																			
<i>LAIEC</i>	2014																			
<i>LATIN</i>	1988	1991	2006	2014																
<i>LCBC</i>	2014																			
<i>LGIDA</i>	2005																			
<i>LOAS</i>	1965	1980	2014																	
<i>LoN</i>	1923	1926	1927	1934	1936	1937	1938	1939	1940	1941	1943	1945								
<i>MAOCN</i>	2014																			
<i>MARRI</i>	2014																			
<i>MCPTTC</i>	2002																			
<i>MCWCASM</i>	2012																			
<i>Mercosur</i>	2014																			
<i>MFO</i>	2014																			
<i>MIGA</i>	1990	1994	1999	2014																
<i>Montreal</i>	2014																			
<i>MRU</i>	2014																			
<i>MWN</i>	2001																			
<i>NACAP</i>	2014																			

<u>IO acronym</u>	<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>	<u>7</u>	<u>8</u>	<u>9</u>	<u>10</u>	<u>11</u>	<u>12</u>	<u>13</u>	<u>14</u>	<u>15</u>	<u>16</u>	<u>17</u>	<u>18</u>	<u>19</u>	<u>20</u>
<i>NAFO</i>	1987	2003	2014																	
<i>NAFTA</i>	2014																			
<i>NAM</i>	1970	1974	1980	1990	1993	1995	2004	2005	2012	2014										
<i>NAPPO</i>	2014																			
<i>NASCO</i>	2014																			
<i>NATO</i>	2014																			
<i>NCM</i>	2014																			
<i>NCRR</i>	1992																			
<i>NCTR</i>	2014																			
<i>NDF</i>	2014																			
<i>NEAFC</i>	2005	2011																		
<i>NERC</i>	1996																			
<i>NIB</i>	2014																			
<i>NordC</i>	1965	2014																		
<i>NPAFC</i>	2014																			
<i>NPFS</i>	1988																			
<i>NPI</i>	2014																			
<i>NRC</i>	2014																			
<i>NTSC</i>	1986																			
<i>NVC</i>	2014																			
<i>NWHF</i>	2014																			
<i>OAPEC</i>	1987	2014																		
<i>OAS</i>	1963	2010	2014																	
<i>OAU</i>	1985	2002																		
<i>OCAM</i>	1965	1966	1975	1984	1985															
<i>OCAS</i>	1991																			
<i>OCEDCA</i>	1993	2014																		
<i>OCR</i>	2014																			
<i>OECD</i>	2014																			
<i>OECS</i>	2014																			

<u>IO acronym</u>	<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>	<u>7</u>	<u>8</u>	<u>9</u>	<u>10</u>	<u>11</u>	<u>12</u>	<u>13</u>	<u>14</u>	<u>15</u>	<u>16</u>	<u>17</u>	<u>18</u>	<u>19</u>	<u>20</u>
<i>OEEC</i>	1950	1960	1961																	
<i>OIC</i>	2014																			
<i>OIV</i>	2005	2014																		
<i>OMDKR</i>	2000																			
<i>OMVG</i>	2014																			
<i>OPANAL</i>	2014																			
<i>OPEC</i>	1993	1997	2009	2014																
<i>OSCE</i>	1993	2014																		
<i>OSLO</i>	1998																			
<i>OSPAR</i>	2014																			
<i>OTIF</i>	1948	1950	1957	1965	2014															
<i>PAHC</i>	1952																			
<i>PAHO</i>	1984	2014																		
<i>PAIGH</i>	1969	1981	2000	2014																
<i>PAP</i>	2006	2012	2013	2014																
<i>PAPU</i>	2014																			
<i>PC</i>	1998																			
<i>PCA</i>	1949	1972	2014																	
<i>PCB</i>	1928																			
<i>PCSP</i>	2014																			
<i>PED</i>	2014																			
<i>PIARC</i>	1945	1960	1965	1973	1974	1981	1985	1994	1995	2014										
<i>PIBAC</i>	1934																			
<i>PICES</i>	2014																			
<i>PICS</i>	1938																			
<i>PIF</i>	2014																			
<i>PIPD</i>	2014																			
<i>PMAESA</i>	2014																			
<i>PSNARCO</i>	1998																			
<i>PTASEA</i>	1994																			

<u>IO acronym</u>	<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>	<u>7</u>	<u>8</u>	<u>9</u>	<u>10</u>	<u>11</u>	<u>12</u>	<u>13</u>	<u>14</u>	<u>15</u>	<u>16</u>	<u>17</u>	<u>18</u>	<u>19</u>	<u>20</u>
<i>PUASP</i>	2014																			
<i>RadioU</i>	1910	1915	1926																	
<i>RASCOM</i>	2002	2003	2014																	
<i>RCAELA</i>	2004																			
<i>RCC</i>	2010																			
<i>RCFC</i>	2004	2014																		
<i>RECSA</i>	2014																			
<i>RepCom</i>	1933																			
<i>RIMMO</i>	2005																			
<i>RIOgroup</i>	1990	2001	2014																	
<i>RIOPPAH</i>	2013																			
<i>SAAFA</i>	1977																			
<i>SAARC</i>	2014																			
<i>SACEP</i>	2004	2014																		
<i>SACU</i>	2014																			
<i>SADC</i>	2005	2009	2014																	
<i>SADCC</i>	1992																			
<i>SAMI</i>	2000																			
<i>SARTC</i>	1978	1981	1984	1996																
<i>SCA</i>	1905	1914																		
<i>SCAf</i>	1959																			
<i>SCH</i>	1914																			
<i>SCHENGEN</i>	1999																			
<i>SCO</i>	2014																			
<i>SEAMEO</i>	2014																			
<i>SEATO</i>	1960	1977																		
<i>SEGIB</i>	2014																			
<i>SELA</i>	2014																			
<i>SICA</i>	2014																			
<i>SIECA</i>	1965	2014																		

<u>IO acronym</u>	<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>	<u>7</u>	<u>8</u>	<u>9</u>	<u>10</u>	<u>11</u>	<u>12</u>	<u>13</u>	<u>14</u>	<u>15</u>	<u>16</u>	<u>17</u>	<u>18</u>	<u>19</u>	<u>20</u>
<i>SITTDEC</i>	2001	2004	2005																	
<i>SPC</i>	1965	1997	2014																	
<i>SRDO</i>	2014																			
<i>SugU</i>	1913																			
<i>SWAPU</i>	2006																			
<i>SWPD</i>	2014																			
<i>TCRMG</i>	1998																			
<i>Turksoy</i>	2013																			
<i>UASC</i>	1989	2013																		
<i>UBEC</i>	1995	1996																		
<i>UDEAC</i>	1969	1994																		
<i>UEMOA</i>	2014																			
<i>UIUCV</i>	1965	1979																		
<i>UKDWD</i>	1953																			
<i>UM</i>	2014																			
<i>UMAC</i>	1994																			
<i>UMOA</i>	1965	1974	1994																	
<i>UN</i>	1949	1971	1993	2014																
<i>UNESCO</i>	1949	1960	1971	1975	1985	1986	2014													
<i>UNIDO</i>	1975	2014																		
<i>UNIDROIT</i>	1965	1969	1971	1992	1998	2009	2014													
<i>UPU</i>	1895	1905	1949	1961	1972	1979	1984	1993	2014											
<i>USP</i>	2014																			
<i>VALDIVIA</i>	2002																			
<i>VASAB</i>	2014																			
<i>Waec</i>	2014																			
<i>WAHC</i>	1987																			
<i>WAHO</i>	2003	2014																		
<i>Wassen</i>	2014																			
<i>WCDC</i>	2014																			

<u>IO acronym</u>	<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>	<u>7</u>	<u>8</u>	<u>9</u>	<u>10</u>	<u>11</u>	<u>12</u>	<u>13</u>	<u>14</u>	<u>15</u>	<u>16</u>	<u>17</u>	<u>18</u>	<u>19</u>	<u>20</u>
<i>WCO</i>	1965	2014																		
<i>WEU</i>	2011																			
<i>WHO</i>	1949	1955	1965	1973	1975	2014														
<i>WIPO</i>	2014																			
<i>WMO</i>	1955	1960	1965	1972	1975	2014														
<i>WNF</i>	2014																			
<i>WPact</i>	1965	1969	1991																	
<i>WTO</i>	2014																			
<i>WTOURO</i>	1978	1979	1982	1985	1987	1988	1990	1991	1993	1996	1997	1999	2000	2014						

Note: The table illustrates the number and years of observations for each IO in the dataset. IOs with only one observation had no event of interest in the observation timeframe – that is, no single member state withdrawal in the observation timeframe based on Pevehouse et al. (2020) – or only one such event in the final observation year.

### 3) Formal introduction of the Andersen-Gill method

Based on Ozga and colleagues (2018, 3–4), we formally introduce the Andersen-Gill approach to modeling recurrent events of member state-based criticisms of international organizations (IOs) and member state withdrawals from IOs as follows.

The Andersen-Gill approach is essentially a generalization of the Cox proportional hazards model. The Cox model serves to assess associations or treatment effects for time-to-event data between two groups or more, with or without additional covariates. For a study with two groups and no further covariates, the hazard for an individual IO  $i$  can be modeled as:

$$\lambda_i(t) = \lambda_0(t) \exp(\beta X_i), i = 1, \dots, n$$

where  $\lambda_0(t)$  refers to a common baseline hazard and  $\lambda_i(t)$  is the hazard of IO  $i$  to experience an event at time  $t$ . The model aims at estimating the coefficient  $\beta$ , where  $\exp(\beta)$  refers to the hazard ratio expressing the treatment effect. The baseline hazard  $\lambda_0(t)$  remains unspecified implying that the model is semi-parametric. The hazard ratio  $\exp(\beta)$  is assumed to be constant over time which means that the hazards related to the groups are proportional. The coefficient  $\beta$  is estimated by solving the partial likelihood-function

$$L(\beta) = \prod_{i=1}^n \left( \frac{\exp(\beta X_i)}{\sum_{l \in R(T_i)} \exp(\beta X_l)} \right)^{\delta_i}$$

where  $T_i, i = 1, \dots, n$ , are the IO-specific distinct event times and  $\delta_i$  is the event indicator which equals 1 for an event and 0 for censoring. The risk set  $R(t)$  indicates the number of IOs that are at risk for an event just prior to time point  $t$ , defined as

$$R(t) := \{l, l = 1, \dots, n: \exists j \in \{1, \dots, k_l\} \text{ with } T_{lj} \geq t\}$$

where  $T_{lj}$  are the distinct event times for IO  $l, l = 1, \dots, n$ , and for the  $j$ th occurring event  $j = 1, \dots, k_l$ , with  $k_l$  being the IO-specific number of distinct observed event times, where  $k_l \leq k, l = 1, \dots, n$  is assumed, meaning that the maximal number of events considered is given by  $k$ .

#### 4) Robustness check: Andersen-Gill analyses without preference heterogeneity variable

	<u>Member state criticisms</u>			<u>Member state withdrawals</u>		
	(R1) <i>Authority 1</i>	(R2) <i>Authority 2</i>	(R3) <i>Authority 3</i>	(R4) <i>Authority 1</i>	(R5) <i>Authority 2</i>	(R6) <i>Authority 3</i>
<i>Contract precision</i>	-0.475 (0.650)			-0.165 (0.247)		
<i>Majority voting</i>	1.044 (1.781)			0.282 (0.343)		
<i>Amendment clauses</i>	-1.029 (1.464)			-1.059** (0.357)		
<i>Withdrawal clauses</i>	-0.310 (0.539)			0.936** (0.353)		
<i>Institutionalization</i>	0.578 (0.564)			-0.456 (0.300)		
<i>Staff size</i>	0.389 (0.898)			-0.274+ (0.163)		
<i>Pooling</i>		-0.112 (1.316)			1.704 (1.292)	

	<u>Member state criticisms</u>			<u>Member state withdrawals</u>		
	(R1) <i>Authority 1</i>	(R2) <i>Authority 2</i>	(R3) <i>Authority 3</i>	(R4) <i>Authority 1</i>	(R5) <i>Authority 2</i>	(R6) <i>Authority 3</i>
<i>Delegation</i>		1.828 (3.171)			-1.904 (2.167)	
<i>Authority</i>			1.174 (1.474)			-0.254 (1.903)
<i>Power divide</i>	-37.49 (40.33)	-26.68 (26.87)	-44.35 <sup>+</sup> (26.68)	16.65 <sup>**</sup> (5.547)	22.09 <sup>+</sup> (12.20)	27.77 <sup>*</sup> (13.26)
<i>Competing IOs</i>	-1.583 <sup>**</sup> (0.558)	-1.782 <sup>***</sup> (0.504)	-1.983 <sup>***</sup> (0.559)	0.0254 (0.195)	-0.0213 (0.416)	-0.120 (0.398)
<i>GDP change</i>	0.426 (0.489)	0.605 (0.488)	0.650 (0.480)	-0.00685 (0.0104)	-0.0109 (0.0246)	-0.0401 <sup>**</sup> (0.0124)
<i>Democracy</i>	-0.010 (0.0729)	-0.0145 (0.0402)	0.0009 (0.0429)	-0.161 <sup>***</sup> (0.0266)	-0.136 <sup>**</sup> (0.0469)	-0.156 <sup>**</sup> (0.0522)
<i>Purpose</i>	-1.598 <sup>+</sup> (0.888)	-1.182 (0.756)	-1.503 <sup>+</sup> (0.773)	0.358 (0.459)	-0.840 (0.649)	-1.167 <sup>+</sup> (0.610)

	<u>Member state criticisms</u>			<u>Member state withdrawals</u>		
	(R1) <i>Authority 1</i>	(R2) <i>Authority 2</i>	(R3) <i>Authority 3</i>	(R4) <i>Authority 1</i>	(R5) <i>Authority 2</i>	(R6) <i>Authority 3</i>
<i>IO members</i>	0.0772 (0.666)	0.452* (0.209)	0.445+ (0.244)	0.615*** (0.164)	0.0494 (0.236)	0.0268 (0.257)
<i>N</i>	259	259	254	368	140	117

Note: The dependent variables are member state criticisms (Sommerer 2022; Sommerer et al. 2022) and withdrawals (Pevehouse et al. 2020). There are three models for each of these two dependent variables, including different variables to measure IO authority (Debre and Dijkstra 2021; Hooghe et al. 2017; Zürn, Tokhi, and Binder 2021). The independent and control variables in each model are listed in the first column. Our variables' coding is explained in Tables 1 to 3 in the main text. Standard errors are provided in parentheses below the coefficients, while p-values are indicated by symbols after the coefficients as follows: +  $p < 0.10$ , \*  $p < 0.05$ , \*\*  $p < 0.01$ , \*\*\*  $p < 0.001$ .

## 5) Variance inflation factors in main analyses

To examine the extent to which our Andersen-Gill regressions are affected by multicollinearity issues, we conducted variance inflation factor (VIF) analyses for each of the models in Table 4 in our manuscript. The results are presented below. For each of the independent variables (first column) in our six models (columns 2-7), the table presents the VIF in the first row of each cell, the inverse value (1/VIF) in the second row of each cell, and the mean VIF of each model in the bottom row of the table.

	<u>Criticisms</u>			<u>Withdrawals</u>		
	(1) <i>Authority</i> 1	(2) <i>Authority</i> 2	(3) <i>Authority</i> 3	(4) <i>Authority</i> 1	(5) <i>Authority</i> 2	(6) <i>Authority</i> 3
<i>Contract precision</i>	2.36 0.4230			2.12 0.4728		
<i>Majority voting</i>	16.43 0.0609			4.86 0.2057		
<i>Amendment clauses</i>	14.09 0.0710			5.21 0.1918		
<i>Withdrawal clauses</i>	7.38 0.1356			5.95 0.1680		
<i>Institutionalization</i>	9.65 0.1037			1.88 0.5317		
<i>Staff size</i>	52.31 0.0191			8.21 0.1219		
<i>Pooling</i>		15.69 0.0637			11.44 0.0874	
<i>Delegation</i>		5.97 0.1676			3.33 0.3001	
<i>Authority</i>			4.26 0.2345			4.79 0.2089
<i>Power divide</i>	6.04 0.1654	6.74 0.1483	5.47 0.1829	3.42 0.2924	4.61 0.2171	6.48 0.1543
<i>Preference divide</i>	6.99 0.1431	6.82 0.1466	5.00 0.2000	8.69 0.1150	14.32 0.0698	18.97 0.0527
<i>Competing IOs</i>	36.16 0.0277	21.07 0.0475	20.17 0.0496	7.16 0.1396	14.85 0.0674	24.63 0.0406
<i>GDP change</i>	138.06 0.0072	123.10 0.0081	100.49 0.0100	9.54 0.1049	24.91 0.0402	81.48 0.0123

	<u>Criticisms</u>			<u>Withdrawals</u>		
	(1) <i>Authority</i> <i>1</i>	(2) <i>Authority</i> <i>2</i>	(3) <i>Authority</i> <i>3</i>	(4) <i>Authority</i> <i>1</i>	(5) <i>Authority</i> <i>2</i>	(6) <i>Authority</i> <i>3</i>
<i>Democracy</i>	4.00 0.2502	3.65 0.2741	3.20 0.3129	1.62 0.6164	1.54 0.6499	2.33 0.4290
<i>Purpose</i>	15.10 0.0662	10.34 0.0968	8.86 0.1128	1.34 0.7467	1.97 0.5066	4.48 0.2232
<i>IO members</i>	74.82 0.0134	71.37 0.0140	44.73 0.0224	20.26 0.0494	30.72 0.0325	29.59 0.0338
<i>Mean VIF</i>	29.49	29.42	24.02	6.17	11.97	21.59

## References

- Debre, Maria J., and Hylke Dijkstra. 2021. "Institutional Design for a Post-Liberal Order: Why Some International Organizations Live Longer than Others." *European Journal of International Relations* 27 (1): 311–39. <https://doi.org/10.1177/1354066120962183>.
- Hooghe, Liesbet, Gary Marks, Tobias Lenz, Jeanine Bezuijen, Besir Ceka, and Svet Derderyan. 2017. *Measuring International Authority: A Postfunctionalist Theory of Governance*. Vol. 3. 5 vols. Oxford, UK: Oxford University Press.
- Ozga, Ann-Kathrin, Meinhard Kieser, and Geraldine Rauch. 2018. "A Systematic Comparison of Recurrent Event Models for Application to Composite Endpoints." *BMC Medical Research Methodology* 18 (1): 2. <https://doi.org/10.1186/s12874-017-0462-x>.
- Pevehouse, Jon C. W., Timothy Nordstrom, Roseanne W. McManus, and Anne Spencer Jamison. 2020. "Tracking Organizations in the World: The Correlates of War IGO Version 3.0 Datasets." *Journal of Peace Research* 57 (3): 492–503. <https://doi.org/10.1177/0022343319881175>.
- Sommerer, Thomas. 2022. "Replication Data for: LegGov - Global Legitimacy Crises." Harvard Dataverse. <https://doi.org/10.7910/DVN/BZSF72>.
- Sommerer, Thomas, Hans Agné, Fariborz Zelli, and Bart Bes. 2022. *Global Legitimacy Crises: Decline and Revival in Multilateral Governance*. Oxford, UK: Oxford University Press. <https://doi.org/10.1093/oso/9780192856326.001.0001>.
- Zürn, Michael, Alexandros Tokhi, and Martin Binder. 2021. "The International Authority Database." *Global Policy* 12 (4): 430–42. <https://doi.org/10.1111/1758-5899.12971>.