

Supplementary Materials Collection 2 of 2 for “The Composition of Descriptive Representation” *

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Abstract

How well do governments represent the societies they serve? A key aspect of this question concerns the extent to which leaders reflect the demographic features of the population they represent. To address this important issue in a systematic manner, we propose a unified approach for measuring descriptive representation. We apply this approach to newly collected data describing the ethnic, linguistic, religious, and gender identities of over 50,000 leaders serving in 1,552 political bodies across 156 countries. Strikingly, no country represents social groups in rough proportion to their share of the population. To explain this shortfall, we focus on compositional factors—the size of political bodies as well as the number and relative size of social groups. We investigate these factors using a simple model based on random sampling and the original data described above. Our analyses demonstrate that roughly half of the variability in descriptive representation is attributable to compositional factors.

Keywords: Descriptive representation; Leadership; Political institutions; Social groups; Elites

*See the APSR website for Supplementary Materials Collection 1 of 2, which contains Supplementary Materials I and II. See github.com/cjerzak/DescriptiveRepresentationCalculator-software for software computing the expected and observed descriptive representation indices described in the paper.

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Supplemental Materials III: Countries and Their Representation Indices

Note: As described in the main text, some of the representation indices here are computed using an imputation algorithm to account for observations dropped due to the 75% completeness threshold. Therefore, specific values should be interpreted with some caution.

Table S.III.1: Average Representation Index values by country (ranks in parentheses).

Country	Overall	Representation Gap	Ethnicity	Gender	Religion	Language
Iceland	0.88 (1)	-0.04 (1)	0.96 (3)	0.81 (4)	0.84 (7)	0.93 (3)
Poland	0.86 (2)	-0.08 (15)	0.96 (2)	0.69 (64)	0.87 (1)	0.93 (2)
Norway	0.86 (3)	-0.07 (6)	0.94 (8)	0.79 (6)	0.82 (12)	0.91 (10)
Denmark	0.86 (4)	-0.05 (2)	0.90 (24)	0.83 (1)	0.81 (14)	0.92 (6)
Finland	0.86 (5)	-0.05 (3)	0.91 (16)	0.81 (5)	0.84 (8)	0.87 (30)
Germany	0.85 (6)	-0.08 (12)	0.94 (11)	0.82 (2)	0.72 (57)	0.90 (12)
Armenia	0.84 (7)	-0.10 (26)	0.95 (4)	0.64 (118)	0.86 (4)	0.90 (16)
Portugal	0.84 (8)	-0.09 (19)	0.95 (5)	0.73 (29)	0.75 (38)	0.91 (8)
Tunisia	0.83 (9)	-0.10 (27)	0.95 (6)	0.69 (61)	0.80 (19)	0.88 (26)
Madagascar	0.83 (10)	-0.08 (11)	0.91 (18)	0.70 (51)	0.81 (16)	0.90 (15)
Sweden	0.83 (11)	-0.06 (5)	0.87 (34)	0.82 (3)	0.76 (35)	0.85 (45)
Qatar	0.83 (12)	-0.08 (16)	0.94 (10)	0.76 (13)	0.79 (23)	0.81 (65)
Malta	0.82 (13)	-0.08 (9)	0.92 (15)	0.67 (84)	0.83 (10)	0.87 (36)
Croatia	0.82 (14)	-0.09 (20)	0.89 (27)	0.75 (16)	0.74 (50)	0.89 (24)
Jordan	0.81 (15)	-0.12 (43)	0.87 (33)	0.62 (140)	0.86 (2)	0.90 (11)
Greece	0.81 (16)	-0.12 (42)	0.89 (26)	0.69 (57)	0.80 (20)	0.87 (33)
China, People's Republic of	0.81 (17)	-0.12 (55)	0.96 (1)	0.63 (129)	0.71 (66)	0.95 (1)
Bangladesh	0.81 (18)	-0.10 (25)	0.92 (14)	0.74 (25)	0.75 (39)	0.84 (51)
Serbia	0.81 (19)	-0.08 (14)	0.85 (44)	0.72 (35)	0.80 (22)	0.87 (34)
Yemen	0.81 (20)	-0.12 (41)	0.87 (36)	0.72 (36)	0.78 (27)	0.87 (37)
Jamaica	0.81 (21)	-0.10 (28)	0.89 (30)	0.77 (8)	0.69 (85)	0.89 (22)
France	0.81 (22)	-0.11 (34)	0.90 (21)	0.73 (33)	0.71 (65)	0.89 (18)
Egypt	0.81 (23)	-0.12 (53)	0.91 (17)	0.63 (126)	0.82 (11)	0.86 (39)
Somaliland	0.81 (24)	-0.09 (22)	0.93 (13)	0.65 (114)	0.78 (26)	0.87 (32)
Thailand	0.80 (25)	-0.12 (54)	0.90 (23)	0.61 (146)	0.81 (17)	0.89 (21)
Costa Rica	0.80 (26)	-0.09 (17)	0.86 (39)	0.73 (27)	0.75 (40)	0.85 (46)
Puerto Rico	0.80 (27)	-0.08 (13)	0.80 (67)	0.69 (62)	0.77 (33)	0.93 (4)
Italy	0.79 (28)	-0.13 (64)	0.90 (20)	0.68 (70)	0.71 (62)	0.88 (29)
Colombia	0.79 (29)	-0.10 (32)	0.86 (38)	0.69 (59)	0.72 (60)	0.89 (19)
Korea, South	0.79 (30)	-0.12 (44)	0.94 (7)	0.64 (116)	0.67 (111)	0.90 (13)
Ireland	0.79 (31)	-0.11 (35)	0.83 (55)	0.69 (55)	0.74 (42)	0.89 (20)
Honduras	0.79 (32)	-0.11 (40)	0.87 (35)	0.67 (80)	0.76 (36)	0.86 (42)
Slovakia	0.78 (33)	-0.12 (50)	0.91 (19)	0.68 (71)	0.70 (76)	0.84 (55)
Burundi	0.78 (34)	-0.09 (23)	0.82 (56)	0.71 (39)	0.70 (78)	0.88 (25)
United Kingdom	0.78 (35)	-0.13 (67)	0.89 (29)	0.65 (109)	0.66 (124)	0.91 (7)
Japan	0.78 (36)	-0.13 (68)	0.94 (12)	0.62 (137)	0.63 (137)	0.92 (5)
Netherlands	0.78 (37)	-0.08 (10)	0.79 (73)	0.76 (12)	0.68 (105)	0.87 (31)
Cambodia	0.77 (38)	-0.14 (73)	0.86 (37)	0.66 (94)	0.78 (30)	0.80 (71)
Romania	0.77 (39)	-0.14 (79)	0.84 (48)	0.73 (32)	0.73 (52)	0.79 (75)
Uruguay	0.77 (40)	-0.11 (39)	0.85 (41)	0.68 (73)	0.68 (94)	0.88 (28)
Korea, North	0.77 (41)	-0.14 (82)	0.89 (28)	0.64 (119)	0.70 (73)	0.85 (48)
Czech Republic	0.77 (42)	-0.15 (90)	0.83 (54)	0.65 (95)	0.70 (75)	0.90 (17)
Bulgaria	0.77 (43)	-0.13 (59)	0.85 (45)	0.70 (52)	0.73 (53)	0.80 (70)
Turkmenistan	0.77 (44)	-0.15 (85)	0.82 (60)	0.64 (125)	0.83 (9)	0.78 (80)
El Salvador	0.76 (45)	-0.11 (38)	0.86 (40)	0.66 (92)	0.68 (104)	0.86 (38)
Saudi Arabia	0.76 (46)	-0.14 (77)	0.81 (61)	0.65 (98)	0.74 (43)	0.85 (47)
Russian Federation	0.76 (47)	-0.16 (108)	0.84 (49)	0.63 (134)	0.69 (83)	0.89 (23)
Nicaragua	0.76 (48)	-0.10 (30)	0.73 (91)	0.75 (15)	0.71 (64)	0.86 (41)

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Country	Overall	Representation Gap	Ethnicity	Gender	Religion	Language
Djibouti	0.76 (49)	-0.06 (4)	0.79 (72)	0.66 (85)	0.86 (3)	0.74 (95)
Palestinian Territory	0.76 (50)	-0.14 (81)	0.80 (65)	0.61 (144)	0.77 (32)	0.86 (40)
Slovenia	0.76 (51)	-0.12 (51)	0.83 (53)	0.70 (54)	0.69 (91)	0.82 (62)
South Africa	0.76 (52)	-0.07 (7)	0.85 (43)	0.74 (19)	0.74 (46)	0.71 (111)
Cape Verde	0.76 (53)	-0.14 (72)	0.73 (93)	0.71 (41)	0.74 (41)	0.85 (44)
Turkey	0.76 (54)	-0.14 (80)	0.79 (74)	0.62 (139)	0.81 (15)	0.82 (63)
Lesotho	0.76 (55)	-0.12 (52)	0.94 (9)	0.63 (127)	0.62 (138)	0.83 (59)
Zimbabwe	0.76 (56)	-0.13 (57)	0.79 (70)	0.71 (42)	0.74 (44)	0.78 (81)
Hungary	0.75 (57)	-0.16 (100)	0.90 (25)	0.57 (155)	0.65 (130)	0.91 (9)
Viet Nam	0.75 (58)	-0.16 (101)	0.88 (32)	0.65 (100)	0.68 (97)	0.80 (72)
Azerbaijan	0.75 (59)	-0.14 (74)	0.84 (46)	0.65 (103)	0.68 (106)	0.83 (58)
Kyrgyzstan	0.75 (60)	-0.13 (66)	0.77 (79)	0.73 (31)	0.80 (21)	0.70 (115)
Kosovo	0.75 (61)	-0.16 (98)	0.89 (31)	0.73 (30)	0.57 (149)	0.81 (67)
New Zealand	0.75 (62)	-0.09 (24)	0.72 (94)	0.76 (10)	0.67 (110)	0.84 (54)
Kuwait	0.75 (63)	-0.16 (96)	0.81 (62)	0.67 (81)	0.69 (93)	0.83 (57)
Georgia	0.75 (64)	-0.12 (46)	0.84 (50)	0.66 (93)	0.78 (28)	0.72 (103)
Libya	0.75 (65)	-0.14 (78)	0.77 (78)	0.65 (105)	0.73 (51)	0.83 (60)
Macedonia	0.75 (66)	-0.09 (18)	0.78 (75)	0.74 (21)	0.71 (67)	0.75 (87)
Rwanda	0.74 (67)	-0.13 (70)	0.71 (101)	0.79 (7)	0.67 (117)	0.81 (66)
Cyprus	0.74 (68)	-0.13 (60)	0.80 (69)	0.68 (68)	0.69 (90)	0.80 (73)
Angola	0.74 (69)	-0.13 (71)	0.73 (88)	0.73 (28)	0.71 (70)	0.78 (77)
Haiti	0.74 (70)	-0.16 (102)	0.85 (42)	0.63 (136)	0.68 (96)	0.79 (74)
Mexico	0.74 (71)	-0.17 (114)	0.68 (113)	0.66 (90)	0.70 (74)	0.90 (14)
Spain	0.73 (72)	-0.12 (47)	0.74 (84)	0.71 (40)	0.71 (68)	0.77 (82)
Uzbekistan	0.73 (73)	-0.17 (110)	0.84 (47)	0.63 (128)	0.69 (87)	0.76 (85)
Switzerland	0.73 (74)	-0.13 (63)	0.76 (81)	0.74 (22)	0.69 (82)	0.74 (92)
Cuba	0.73 (75)	-0.18 (124)	0.71 (98)	0.75 (17)	0.62 (139)	0.84 (50)
Syria	0.73 (76)	-0.17 (116)	0.78 (77)	0.69 (63)	0.70 (72)	0.75 (89)
Lithuania	0.73 (77)	-0.15 (88)	0.82 (58)	0.74 (23)	0.58 (147)	0.79 (76)
Somalia	0.73 (78)	-0.15 (91)	0.80 (64)	0.65 (102)	0.69 (89)	0.77 (83)
Singapore	0.73 (79)	-0.11 (36)	0.80 (63)	0.74 (24)	0.67 (113)	0.70 (118)
Iraq	0.73 (80)	-0.18 (129)	0.78 (76)	0.68 (66)	0.70 (77)	0.74 (90)
Suriname	0.73 (81)	-0.16 (92)	0.71 (100)	0.69 (65)	0.68 (100)	0.82 (61)
Montenegro	0.72 (82)	-0.12 (45)	0.69 (108)	0.67 (83)	0.72 (56)	0.82 (64)
Venezuela	0.72 (83)	-0.16 (109)	0.61 (135)	0.66 (87)	0.75 (37)	0.88 (27)
Mongolia	0.72 (84)	-0.17 (112)	0.73 (87)	0.67 (75)	0.69 (92)	0.80 (69)
Moldova, Republic of	0.72 (85)	-0.13 (61)	0.76 (80)	0.68 (74)	0.74 (48)	0.72 (102)
Belgium	0.72 (86)	-0.12 (49)	0.75 (82)	0.70 (46)	0.69 (84)	0.74 (94)
Philippines	0.72 (87)	-0.12 (48)	0.84 (51)	0.67 (82)	0.77 (34)	0.61 (147)
Oman	0.72 (88)	-0.17 (111)	0.75 (83)	0.71 (44)	0.72 (61)	0.72 (104)
United Arab Emirates	0.72 (89)	-0.18 (122)	0.82 (57)	0.74 (20)	0.74 (49)	0.59 (150)
Albania	0.72 (90)	-0.19 (134)	0.90 (22)	0.65 (110)	0.47 (154)	0.85 (43)
Nepal	0.72 (91)	-0.17 (119)	0.72 (95)	0.70 (50)	0.74 (45)	0.70 (116)
Afghanistan	0.71 (92)	-0.10 (29)	0.72 (96)	0.65 (96)	0.78 (29)	0.70 (113)
Trinidad and Tobago	0.71 (93)	-0.16 (103)	0.72 (97)	0.73 (26)	0.67 (108)	0.72 (106)
Ecuador	0.71 (94)	-0.16 (94)	0.63 (126)	0.70 (49)	0.74 (47)	0.77 (84)
Pakistan	0.71 (95)	-0.15 (84)	0.68 (110)	0.62 (141)	0.81 (13)	0.72 (107)
China, Republic of	0.71 (96)	-0.20 (148)	0.58 (139)	0.74 (18)	0.66 (120)	0.84 (52)
Bolivia	0.71 (97)	-0.14 (75)	0.57 (140)	0.77 (9)	0.68 (95)	0.81 (68)
Ukraine	0.70 (98)	-0.19 (139)	0.80 (66)	0.59 (151)	0.67 (109)	0.75 (88)
Timor-Leste	0.70 (99)	-0.19 (137)	0.62 (130)	0.69 (56)	0.85 (6)	0.66 (131)
Algeria	0.70 (100)	-0.19 (133)	0.67 (114)	0.64 (121)	0.85 (5)	0.64 (136)
Estonia	0.70 (101)	-0.19 (141)	0.73 (90)	0.67 (77)	0.68 (102)	0.72 (98)
Sri Lanka	0.70 (102)	-0.20 (145)	0.80 (68)	0.60 (148)	0.66 (119)	0.74 (96)
Niger	0.70 (103)	-0.14 (76)	0.73 (86)	0.66 (89)	0.69 (88)	0.72 (100)
Tajikistan	0.69 (104)	-0.19 (136)	0.83 (52)	0.63 (130)	0.63 (136)	0.68 (123)

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Country	Overall	Representation Gap	Ethnicity	Gender	Religion	Language
Morocco	0.69 (105)	-0.20 (143)	0.66 (118)	0.63 (132)	0.79 (25)	0.70 (117)
United States of America	0.69 (106)	-0.18 (130)	0.66 (117)	0.70 (53)	0.58 (148)	0.84 (53)
Belarus	0.69 (107)	-0.18 (123)	0.79 (71)	0.61 (145)	0.66 (122)	0.70 (114)
India	0.69 (108)	-0.09 (21)	0.64 (125)	0.65 (106)	0.80 (18)	0.67 (126)
Mauritius	0.69 (109)	-0.15 (87)	0.61 (131)	0.70 (47)	0.73 (55)	0.71 (110)
Guyana	0.69 (110)	-0.16 (97)	0.70 (104)	0.69 (60)	0.51 (152)	0.85 (49)
Paraguay	0.69 (111)	-0.17 (117)	0.59 (137)	0.68 (69)	0.77 (31)	0.71 (112)
Ghana	0.69 (112)	-0.12 (56)	0.73 (92)	0.67 (78)	0.61 (141)	0.74 (93)
Mauritania	0.68 (113)	-0.19 (140)	0.68 (112)	0.61 (147)	0.72 (58)	0.73 (97)
Iran, Islamic Republic of	0.68 (114)	-0.13 (58)	0.70 (106)	0.60 (149)	0.79 (24)	0.65 (133)
Botswana	0.68 (115)	-0.18 (132)	0.69 (107)	0.64 (123)	0.68 (99)	0.72 (99)
Gabon	0.68 (116)	-0.13 (65)	0.66 (119)	0.65 (97)	0.68 (101)	0.74 (91)
Chile	0.68 (117)	-0.17 (120)	0.65 (123)	0.71 (45)	0.66 (123)	0.72 (105)
Malaysia	0.68 (118)	-0.16 (95)	0.71 (99)	0.65 (111)	0.67 (116)	0.70 (119)
Australia	0.68 (119)	-0.15 (89)	0.48 (154)	0.75 (14)	0.61 (142)	0.87 (35)
Kazakhstan	0.68 (120)	-0.15 (83)	0.73 (89)	0.63 (135)	0.68 (98)	0.67 (129)
Bosnia and Herzegovina	0.67 (121)	-0.15 (86)	0.74 (85)	0.65 (113)	0.71 (63)	0.60 (148)
Congo	0.67 (122)	-0.19 (135)	0.70 (103)	0.65 (112)	0.68 (107)	0.67 (127)
Peru	0.67 (123)	-0.20 (142)	0.54 (148)	0.71 (38)	0.72 (59)	0.72 (101)
Panama	0.67 (124)	-0.18 (127)	0.61 (132)	0.62 (142)	0.67 (115)	0.78 (78)
Ethiopia	0.67 (125)	-0.17 (115)	0.64 (124)	0.68 (72)	0.67 (114)	0.69 (121)
Dominican Republic	0.67 (126)	-0.20 (144)	0.55 (144)	0.67 (79)	0.70 (79)	0.76 (86)
Lebanon	0.67 (127)	-0.18 (121)	0.70 (102)	0.56 (156)	0.57 (150)	0.84 (56)
Bahrain	0.67 (128)	-0.21 (150)	0.59 (136)	0.70 (48)	0.66 (121)	0.71 (109)
Fiji	0.66 (129)	-0.21 (151)	0.67 (115)	0.65 (104)	0.66 (125)	0.68 (124)
Latvia	0.66 (130)	-0.16 (99)	0.68 (111)	0.66 (88)	0.64 (131)	0.67 (128)
Brazil	0.66 (131)	-0.21 (152)	0.56 (141)	0.65 (101)	0.65 (128)	0.78 (79)
Austria	0.66 (132)	-0.24 (154)	0.82 (59)	0.71 (43)	0.69 (81)	0.43 (156)
Cote d'Ivoire	0.66 (133)	-0.18 (125)	0.70 (105)	0.64 (120)	0.68 (103)	0.63 (140)
Luxembourg	0.66 (134)	-0.16 (104)	0.61 (134)	0.69 (58)	0.69 (86)	0.65 (135)
Guatemala	0.66 (135)	-0.17 (113)	0.67 (116)	0.62 (138)	0.67 (112)	0.68 (125)
Israel	0.65 (136)	-0.20 (146)	0.53 (150)	0.67 (76)	0.71 (71)	0.71 (108)
Malawi	0.65 (137)	-0.18 (131)	0.56 (142)	0.65 (107)	0.73 (54)	0.65 (134)
Myanmar	0.64 (138)	-0.19 (138)	0.65 (122)	0.58 (152)	0.66 (127)	0.69 (120)
Namibia	0.64 (139)	-0.10 (33)	0.65 (121)	0.72 (37)	0.66 (126)	0.54 (153)
Gambia	0.64 (140)	-0.16 (105)	0.52 (151)	0.66 (91)	0.70 (80)	0.66 (130)
Liberia	0.64 (141)	-0.10 (31)	0.49 (153)	0.73 (34)	0.71 (69)	0.61 (145)
Zambia	0.63 (142)	-0.16 (107)	0.61 (133)	0.66 (86)	0.64 (134)	0.62 (142)
Kenya	0.63 (143)	-0.07 (8)	0.62 (129)	0.68 (67)	0.60 (143)	0.62 (143)
Guinea-Bissau	0.63 (144)	-0.17 (118)	0.63 (127)	0.65 (108)	0.62 (140)	0.61 (146)
Benin	0.62 (145)	-0.13 (62)	0.54 (147)	0.64 (117)	0.65 (129)	0.64 (138)
Canada	0.61 (146)	-0.21 (149)	0.39 (155)	0.76 (11)	0.66 (118)	0.64 (137)
Mali	0.61 (147)	-0.18 (128)	0.63 (128)	0.64 (124)	0.53 (151)	0.66 (132)
Senegal	0.61 (148)	-0.16 (106)	0.58 (138)	0.64 (115)	0.64 (133)	0.58 (151)
Nigeria	0.61 (149)	-0.20 (147)	0.54 (149)	0.63 (131)	0.64 (132)	0.63 (139)
Burkina Faso	0.60 (150)	-0.13 (69)	0.51 (152)	0.65 (99)	0.64 (135)	0.62 (141)
Guinea	0.59 (151)	-0.18 (126)	0.68 (109)	0.64 (122)	0.42 (155)	0.62 (144)
Sierra Leone	0.58 (152)	-0.27 (156)	0.55 (146)	0.59 (150)	0.50 (153)	0.68 (122)
Central African Republic	0.57 (153)	-0.23 (153)	0.55 (143)	0.62 (143)	0.58 (146)	0.53 (154)
Solomon Islands	0.56 (154)	-0.11 (37)	0.55 (145)	0.57 (154)	0.58 (144)	0.55 (152)
Indonesia	0.55 (155)	-0.26 (155)	0.65 (120)	0.63 (133)	0.34 (156)	0.59 (149)
Congo (DRC)	0.50 (156)	-0.16 (93)	0.36 (156)	0.57 (153)	0.58 (145)	0.51 (155)

Supplemental Materials IV: Recruitment and Coding

S.IV.1.1 Recruitment

Recruiting country experts is a challenge, particularly for small countries in the developing world. To identify potential coders, we began by contacting senior political scientists—area specialists with extensive networks among scholars of that region. We asked these scholars to recommend persons with country-specific knowledge who might be interested in the project. We then contacted them, informed them of the project, and—if they seemed appropriate for the job and willing to commit the requisite time—secured their appointment.

Country experts chosen for this project are generally serving as academics, graduate students, or professionals involved in some aspect of politics (such as the civil service or an NGO). Since the questions of interest to this project are mostly factual—and the non-factual questions do not have a pronounced partisan or ideological slant—it was deemed sufficient to recruit only one coder per country. Coders were remunerated according to the number of leaders and the ease of data access in that country.

The time required to complete a GLP questionnaire depends on the number of leaders in a country—in turn, largely a product of the size of the legislature. China’s legislature, with more than 3000 members, tops the list, while Qatar’s, with 35 members, is the smallest in our sample. On average, coders reported spending about 50 hours on their work, which may have spread across several weeks or months. Most of the coding was conducted on the interactive GLP website. A few coders preferred to work on hard copies of the questionnaire, which were then transcribed to the database.

All coders have the option of retaining anonymity. However, most preferred to be publicly identified with their work, and thus appear (along with contact information) on the GLP website. This enhances the transparency and credibility of the GLP database and also allows end-users the option of contacting those involved in the coding to resolve ambiguities or pursue new angles.

S.IV.1.2 Intercoder Reliability Analysis

In addition to having experts report their uncertainty about leaders’ identity characteristics, we implemented another system to check the reliability of our data. After the first round of data collection, we tasked a research assistant with coding leaders for a randomly selected subset of the data, stratified by region to ensure geographic coverage. In total, the RA coded 128 leaders, 22 from Africa, 20 from the Americas, 36 from Asia, 29 from Europe, and 20 from the MENA region.

We then compared the RA’s coding with those provided by experts. Specifically, we recorded the fraction of variables the RA and experts coded identically for each leader, to create a simple metric for how similarly the RA and experts coded each leader (where the fraction is calculated using the number of leader-level features coded by an expert). Figure [S.IV.1](#) displays the results of this exercise as a histogram. The modal leader replicated perfectly. The average (median) correspondence between expert and RA coding was 93% (95%) of variables matching. Only about 5% of cases exhibit a variable match rate below 90%; 72% of features are matched in the worst-performing case.

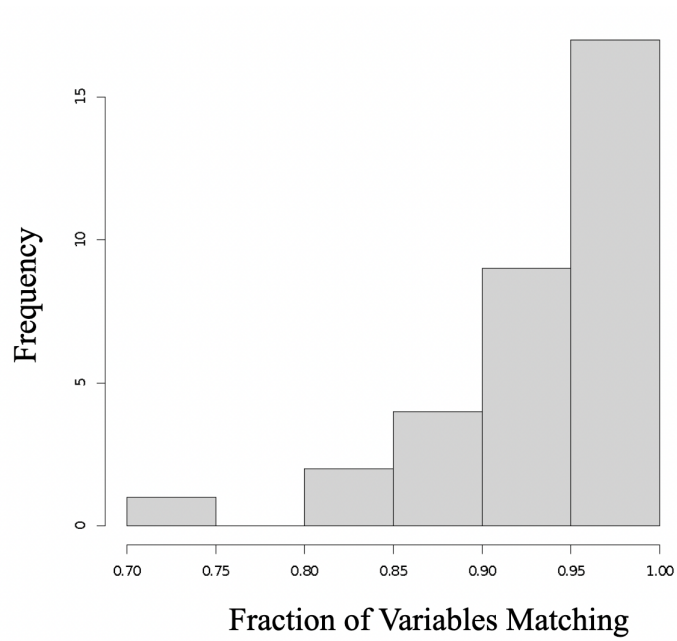


Figure S.IV.1: Experts and RAs show substantial agreement on the identity characteristics of leaders in this random subset of the data. All but one leader replicates on greater than 80% of individual-level variables.

S.IV.1.3 Unique Groups Used in Main Analysis

Note: The languages, religions, genders, and ethnicities listed here include those not dropped when applying the 75% coverage rule. The following lists should not be taken as an exhaustive list of the identity groups in the GLP coding.

Unique genders ($n=2$): Female, Male.

Unique religions ($n=11$): Atheist, Buddhist, Christian, Christian (Catholic), Christian (Orthodox), Christian (Protestant), Jewish, Muslim, Muslim (Shia), Muslim (Sunni), Other.

Unique languages ($n=280$): Abkhaz, Afar, Afrikaans, Aja, Akan, Albanian, Amharic, Arabic, Areare, Armenian, Assamese, Attie, Ayizo, Aymara, Azerbaijani, Baikeno, Bakhtiari, Balanta, Balinese, Balochi, Baluchi, Bambara, Baoule, Bariba, Basque, Bassa, Bavarian, Belarusian, Bemba, Bengali, Berber languages, Bhojpuri, Bikol, Bissa, Bobo, Bosnian, Buginese, Bulgarian, Burmese, Bwamu, Catalan, Cebuano, Cham, Cheke Holo, Chewa, Chinese, Creole (English), Creole (French), Creole (Portuguese), Croatian, Czech, Dagari, Danish, Dendi, Dogon, Domari, Dutch, Dyula, Edo, Efik, English, Estonian, Ewe, Fijian, Filipino, Finnish, Fon, French, Fula, Ga, Gagauz, Galician, Gamo, Gbandi, Gbaya, Georgian, German, Ghari, Gilaki, Gio, Gola, Gourmanchema, Greek, Guarani, Guerze, Gujarati, Gurage, Gurunsi, Hadiya, Hassaniyya, Hausa, Hazaragi, Hebrew, Herero, Hiligaynon, Hindi, Hindko, Hmong Daw, Hungarian, Icelandic, Igbo, Ijaw, Ilocano, Indonesian, Italian, Japanese, Javanese, Jingpho, Jola, Jula, Kadazan, Kafa, Kalanga, Kalenjin, Kamba, Kambaata, Kannada, Kanuri, Kaonde, Kara-kalpak, Karen, Kashkay, Kazakh, Kgalagadi, Khmer, Khoekhoe, Khorasani Turkish, Kikuyu, Kinyarwanda, Kisii, Kissi, Kongo, Kono, Korean, Kpelleh, Krah, Kru, Kuranko, Kurdish, Kwaio, Kwangali, Kwara'ae, Kyrgyz, Laki, Lala-Bisa, Lamba, Latvian, Lau, Lengo, Lezgi, Limba, Lingala, Lithuanian, Lobiri, Lokpa, Lomwe, Lorma, Lozi, Luba-Kasai, Luba-Katanga, Luhya, Lunda, Luo, Luri, Luvale, Luxembourgish, Macedonian, Madurese, Maithili, Makasae, Malagasy, Malay, Malayalam, Maltese, Mambae, Mambwe-Lungu, Mancanhi, Mande, Mandingo, Maninkakan, Manjaco, Mano, Maori, Marathi, Marka, Mayan languages, Mbochi, Mehri, Meru, Mijikenda, Minangkabau, Mingrelian, Miskitu, Mon, Mongo-Nkundu, Moore, Muong, Nafusi, Nahuati, Ndebele, Ndonga, Nepali, Newari, Ngonde, Norwegian, Nsenga, Nung, Nyamwanga, Nyiha, Oriya, Oromo, Oshiwambo, Ossetian, Other, Pa'o, Pangasinan, Papel, Pashto, Persian, Polish, Portuguese, Punjabi, Quechua, Rajasthani, Rakhine, Romanian, Romany, Rundi, Russian, Saa, Samo, Sango, Senufo, Serbian, Serbo-Croatian, Serer, Setswana, Shan, Shona, Sidamo, Sindhi, Sinhalese, Slovak, Slovenian, Somali, Somba, Songe, Soninke, Sonrai Djerma, Soso, Sotho, Spanish, Sundanese, Swahili, Swati, Swedish, Tagalog, Tajik, Talise, Tamang, Tamil, Tatar, Tay, Teke, Telugu, Tetum, Thai, Tharu, Tigrinya, Tikopia, Tiv, To'abaita, Toma, Tonga(Nyasa), Tuareg/Tamasheq, Tumbuka, Turkish, Turkmen, Ukrainian, Urdu, Uyghur, Uzbek, Vai, Vietnamese, Waray-Waray, West Flemish, Wolaita, Wolof, Xhosa, Yao, Yeyi, Yoruba, Zulu.

Unique ethnicities ($n=807$):

Afghanistan: Aimak, Baloch, Hazara, Pashai, Pashtun, Tajik, Tatar, Turkmen, Uzbek.

Albania: Albanian, Cham Community, Greek Minority, Roma.

Algeria: Arab, Berber.

Armenia: Armenian, Kurdish.

Australia: Aboriginal, Australian, Chinese, English, German, Greek, Indian, Irish, Italian, Scottish.

Austria: Austrian, Bosnian, German, Serbian, Turkish.

Azerbaijan: Armenian, Azeri, Lezghin, Russian, Talysh.

Bahrain: Ajam, Baharna, Huwala, Sunni Arab.

Bangladesh: Bengali.

Belarus: Belarusian, Polish, Russian, Ukrainian.

Belgium: Flemish, Moroccan, Turkish, Walloon.

Benin: Aja, Bariba-Bargu, Dendi, Fon, Fulani-Peul, Yoruba-Nago.

Bolivia: Black, Cholo, Indigenous, Mestizo, White.

Bosnia and Herzegovina: Bosniak, Croat, Serbian.

Botswana: Basarwa, Kalanga, Kgalagadi, Tswana.

Brazil: Amarelos-Asian, Branca-White, Pardos-Multiracial, Pretos-Black.

Bulgaria: Bulgarian, Roma, Turkish.

Burkina Faso: Bissa, Bobo, Bwaba, Dagari, Dogon, Fulani, Gurma, Gurmantche, Gurunsi, Kasena, Kurumba-Fulse, Lele, Lobi, Mande, Marka Dafing, Mossi, Nuni, Sane, Senoufo, Songhai.

Burundi: Hutu, Tutsi, Twa.

Cambodia: Cham, Chinese, Khmer, Vietnamese.

Canada: Aboriginal, American, Canadian, Chinese, English, Filipino, French, German, Irish, Italian, European, Scottish, South Asian.

Cape Verde: Black, Mestizo-Mulatto, White.

Central African Republic: Banda, Gbaya, Mandjia, Mbaka-Bwaka, Mbum, Nzande-Nzakara, Sara.

Chile: Indigenous, Mestizo, White.

China, People's Republic of: Han Chinese, Zhuang.

China, Republic of (Taiwan): Aboriginal, Hakka, Hoklo, Mainland Chinese.

Colombia: Black, Indigenous, Mestizo.

Congo, Democratic Republic of the: Baluba, Balubakat, Bayombe, Bazimba, Besi-Ngombe, Cokwe, Fulero, Havu, Hema, Hemba, Hutu, Kete, Komo, Kusu, Lamba, Lega-Rega, Lendu, Mbala, Mbuun-Mbunda, Mputu, Muzula-Bazula, Nande, Ngbandi, Ngengele, Ngombe, Ntandu, Pende, Sakata, Tabwa, Teke, Tembo, Tutsi.

Costa Rica: Black, Indigenous, Mulatto, White of Mestizo.

Cote d'Ivoire (Ivory Coast): Akan, Krou, Northern Mande, Voltaic, Western Mande.

Croatia: Croat, Serbian.

Cuba: Black, Mulatto-Mestizo, White.

Cyprus: Greek Cypriot.

Czech Republic: Czech, Moravian, Slovak.

Denmark: Danish, Greenlandic-Inuit, Turkish.

Djibouti: Afar, Somali.

Dominican Republic: Black, Mulatto, White.

Ecuador: Afro-Ecuadorian, Mestizo, Montubio, Native South American, White Ecuadorian.

Egypt: Egyptian, Nubian.

El Salvador: Mestizo, White.

Estonia: Estonian, Russian, Ukrainian.

Ethiopia: Afar, Amhara, Gamo, Gedeo, Gurage, Hadiya, Oromo, Sidama, Silte, Somali, Tigre, Welaita.

Fiji: European, Indian, ITaukei, Rotuman.

Finland: Finnish, Russian, Swedish.

France: Algerian, French, French Overseas, Moroccan, Sub-Saharan African.

Gabon: Apindji, Baloumbou, Bapounou, Bateke, Duma, Eschira, Fang, French, Kota, Mbete, Mpongwe, Nzebi, Omyene-Myene, Tsogo, Vili.

Gambia: Bambara, Fula, Jola, Mandinga, Manjaco, Serahule, Serer, Wolof.

Georgia: Armenian, Azeri, Georgian, Russian.

Germany: German, Turkish.

Ghana: Akan, Ewe, Ga-Dangbe, Grunsi, Guan, Gurma, Mande, Mole-Dagbon.

Greece: Albanian, Greek.

Guatemala: Indigenous Maya, Mestizo.

Guinea: Fulani-Peul, Guerze-Kpele, Kissi, Mande, Soso-Susu-Mande Fu, Toma-Loma.

Guinea-Bissau: Balanta, Fulani, Mancanhi, Mandinga, Manjaco, Papel.

Guyana: Black, East Indian, Indigenous, Mixed.

Haiti: Black, Mulatto-White.

Honduras: Black, Indigenous, Mestizo, White.

Hungary: German, Hungarian, Roma.

Iceland: White.

India: Assamese (Indo-Aryan, Eastern), Bengali (Indo-Aryan, Eastern), Bihari, Gujarati (Indo-Aryan, Western), Hindi (Indo-Aryan, Central), Kannadiga (Dravidian), Maithili (Indo-Aryan, Eastern), Malayalam (Dravidian), Marathi (Indo-Aryan, Southern), Oriya (Indo-Aryan, Eastern), Punjabis (Indo-Aryan, Northwestern), Tamil (Dravidian), Telugu (Dravidian), Urdu Muslim (Indo-Aryan, Central).

Indonesia: Balinese, Banjar, Bantenese, Batak, Betawi, Bugis, Dayak, Javanese, Madurese, Makasarese, Malay, Minangkabau, Sasak, Sundanese.

Iran, Islamic Republic of: Arab, Armenian, Assyrian, Azeri, Bakhtiari, Baluchi, Gilaki, Kurdish, Lur, Mazandarani, Persian, Turkmen.

Iraq: Arab, Kurdish, Turkmen.

Ireland: African, Anglican, Asian, Irish, Mixed.

Israel: Arab, Ashkenazi, Bedouin, Druze, Ethiopian, Sephardi.

Italy: Italian, North African, Romanian.

Jamaica: Black, British, Chinese, East Indian.

Japan: Japanese.

Jordan: Arab, Palestinian.

Kazakhstan: German, Kazakh, Russian, Tatar, Ukrainian, Uyghur, Uzbek.

Kenya: Kalenjin, Kamba, Kenyan Somali, Kikuyu, Kissi, Luhya, Luo, Maasai, Meru, Mijikenda, Turkana.

Korea, North: Korean.

Korea, South: Chinese, Korean.

Kosovo: Albanian, Serbian.

Kuwait: Kuwaiti.

Kyrgyzstan: Dungan, Kyrgyz, Russian, Uzbek.

Latvia: Belarusian, Latvian, Lithuanian, Polish, Russian, Ukrainian.

Lebanon: Armenian, Druze, Maronite, Shii Arab, Sunni Arab.

Lesotho: Sotho.

Liberia: Bassa, Gio, Gola, Grebo, Kissi, Kpelleh, Kru, Lorma, Mano.

Libya (Libyan Arab Jamahiriya): Arab, Berber, Black African, Tuareg and Toubou.

Lithuania: Belarusian, Lithuanian, Polish, Russian.

Luxembourg: Belgian, French, German, Italian, Luxemburger, Portuguese.

Macedonia: Albanian, Macedonian, Roma, Serbian, Turkish, Vlax.

Madagascar: Comoran, Indo-Pakistanis-Karana, Malagasy.

Malawi: Chewa, Lomwe, Nyanja, Lambya-Nyakyusa, Sena, Tonga, Tumbuka, Yao.

Malaysia: Chinese, Indian, Malay, Bumiputera-Indigenous.

Mali: Bambara, Fulani-Peul, Malinke, Songhai, Soninke-Sarakole, Tuareg, Voltaic.

Malta: Gozitan, Maltese.

Mauritania: Bidane-White Moor, Haalpulaar-Toucouleur-Fulbe (Black African Mauritanian), Haratine (Black Moor, Arab-Berber-Negroid), Sonink (Black African Mauritanian), Wolof (Black African Mauritanian).

Mauritius: Chinese, Creole, Franco-Mauritian, Hindu, Muslim, Tamil.

Mexico: Indigenous, Mestizo, White.

Moldova, Republic of: Bulgarian, Gagauz, Moldovan, Romanian, Russian, Ukrainian.

Mongolia: Bayid, Dorvod, Kazakh, Khalkha.

Montenegro: Albanian, Bosniak, Croat, Montenegrin, Muslim, Serbian.

Morocco: Arab, Berber.

Myanmar: Burman, Chin, Chinese, Indian, Kachin, Karen, Mon, Pa-O, Palaung, Rakhine, Shan, Wa.

Namibia: African, Busmen, Caprivian, Damara, Herero, Kavango, Nama, Ovambo, San, White Namibian.

Netherlands: Dutch, Frisian, German, Indonesian, Moroccan, Surinamese, Turkish.

New Zealand: Chinese, Cook Islander, English, French, Indian, Maori, New Zealander, Samoan, Tonga.

Nicaragua: Black, Indigenous, Mestizo, White.

Niger: Djerma-Sonra, Haoussa, Kanouri Manga, Peul, Touareg.

Nigeria: Fulani, Hausa, Ibibio, Igbo, Ijaw, Kanuri, Tiv, Yoruba.

Norway: Norwegian, Polish.

Oman: Balochi, Indian-Pakistani, Omani Arab, Persian, Zanzibari.

Pakistan: Baluchi, Mohajir-Urdu Speaker, Pashtun, Punjabi, Saraiki, Sindhi.

Palestinian Territory, Occupied: Jewish, Palestinian.

Panama: Afro Panamanian, Indigenous, Mestizo, Mulatto, White.

Paraguay: Indigenous, Mestizo, Mulatto, White.

Peru: Afro-Peruvian, Amerindian, Asian, Mestizo, White.

Philippines: Chinese, Malay.

Poland: Polish, Silesian.

Portugal: Brazilian, Portuguese.

Puerto Rico: Black Hispanic, White Hispanic.

Qatar: Qatari Arab.

Romania: Hungarian, German-Jewish, Roma, Romanian.

Russian Federation: Bashkir, Chechen, Chuvash, Kazakh, Russian, Tatar, Ukrainian.

Rwanda: Hutu, Tutsi, Twa.

Saudi Arabia: Afro-Asian, Arab.

Senegal: Bambara, Diola, Fula, Mandika, Maure, Sarakhole, Serer, Wolof.

Serbia: Bosniak, Hungarian, Roma, Serbian.

Sierra Leone: Fula, Kissi, Kono, Krio, Limba, Loko, Mandinga, Mende, Sherbro, Susu, Temne.

Singapore: Chinese, Indian, Malay.

Slovakia: Hungarian, Roma, Slovak.

Slovenia: Croat, Serbian, Slovenian.

Solomon Islands: Central-Gela, Chinese, Choiseul-Lauru, Guadalcanal, Isabel, Kiribati, Makira-Ulawa, Malaita, Rennell-Bellona, Temotu, Western.

Somalia: Bantu-Other Non-Somali, Somali.

Somaliland: Somali.

South Africa: Black African, Coloured, Indian-Asian, White.

Spain: Basque, Castellanos, Catalan, Galician.

Sri Lanka: Indian Tamil, Sinhalese, Sri Lanka Moor, Sri Lanka Tamil.

Sweden: Assyrian, European, Finnish, Middle Eastern, South Slavic, Swedish.

Switzerland: Swiss French, Swiss German, Swiss Romansh, Ticinese.

Syria (Syrian Arab Republic): Arab, Armenian, Assyrian, Circassian, Kurdish, Turkmen.

Tajikistan: Tajik, Uzbek.

Thailand: Malay, Thai.

Timor-Leste (East Timor): Malay-Polynesian, Papuan, Portuguese Mestizo.

Trinidad and Tobago: African, East Indian, Mixed.

Tunisia: Arab, Berber.

Turkey: Albanian, Arab, Bosniak, Circassian, Kurdish, Turkish, Zaza.

Turkmenistan: Kazakh, Kurdish, Russian, Turkmen, Uzbek.

Ukraine: Russian, Ukrainian.

United Arab Emirates: Emirati Arab.

United Kingdom (Great Britain): Black Caribbean, Indian, Mixed, Pakistani, White.

United States of America: Asian, Black, Hispanic, White.

Uruguay: Black, Mestizo, White.

Uzbekistan: Karakalpak, Kazakh, Russian, Tajik, Tatar, Uzbek.

Venezuela, Bolivarian Republic of: African, Indigenous, Mestizo, White.

Viet Nam: Hmong, Hoa, Khmer, Kinh, Mang, Nung, Tay, Thai.

Yemen: Afro-Arab, Arab.

Zambia: Barotse-Lozi, Bemba, Chewa, Eastern-Nyanja, Ngoni, Nsenga, Tonga, Tumbuka.

Zimbabwe: Asian, Ndebele, African, Shona, White.

Note: Where ethnic groups are closely affiliated, or where categories are overlapping, experts are asked to determine which distinctions matter most in the country they are coding. Occasionally, a leader is assigned to multiple ethnic groups; in this case, we adopt the minority identity.

Supplemental Materials V: Full Regression Tables from Main Text

Table S.V.1: Main analysis. Outcome: levels of representation (where 1 = perfect representation), measured across various identities—ethnicity, religion, language, and gender. Estimator: ordinary least squares, *t*-statistics in parentheses, standard errors clustered by country. * denotes $p < 0.05$. Missing values were imputed in Model 1 to ensure compatibility across country and standard errors calculated via the country-level block bootstrap (with the imputation model re-fit on every bootstrap draw); see main text. In the unit of analysis row, “C” denotes country, “G” denotes group, and “B” denotes body.

	Model 1	Model 2	Model 3	Model 4	Model 5
Expected representation	0.83 (18.96)*	0.85 (81.91)*			
Body size (log)			0.04 (13.34)*	0.05 (13.91)*	0.05 (12.28)*
Fractionalization			-0.69 (-24.92)*	-0.63 (-13.72)*	-0.66 (-21.11)*
Country - Albania				-0.13 (-4.64)*	
Country - Algeria				-0.08 (-2.84)*	
Country - Angola				0.07 (2.58)*	
Country - Armenia				-0.06 (-1.83)	
Country - Australia				-0.01 (-0.22)	
Country - Austria				-0.20 (-7.95)*	
Country - Azerbaijan				0.01 (0.39)	
Country - Bahrain				-0.07 (-2.80)*	
Country - Bangladesh				0.05 (1.50)	
Country - Belarus				-0.03 (-1.10)	
Country - Belgium				0.01 (0.50)	
Country - Benin				-0.09 (-3.48)*	
Country - Bolivia				-0.04 (-1.34)	
Country - Bosnia and Herzegovina				-0.04 (-1.41)	
Country - Botswana				-0.08 (-3.13)*	
Country - Brazil				-0.14 (-5.64)*	
Country - Bulgaria				0.00 (0.01)	
Country - Burkina Faso				-0.10 (-4.17)*	
Country - Burundi				0.00 (0.07)	
Country - Cambodia				-0.09 (-3.58)*	
Country - Canada				-0.05 (-1.97)*	
Country - Cape Verde				0.00 (0.03)	
Country - Central African Republic				-0.09 (-3.66)*	
Country - Chile				-0.06 (-2.65)*	
Country - China, People’s Republic of				-0.04 (-1.17)	
Country - China, Republic of - Taiwan				-0.04 (-1.40)	
Country - Colombia				-0.03 (-0.95)	
Country - Congo				-0.06 (-2.35)*	
Country - Congo, Democratic Republic of the				-0.06 (-2.32)*	
Country - Costa Rica				0.01 (0.28)	
Country - Cote d’ Ivoire - Ivory Coast				0.01 (0.54)	
Country - Croatia				0.03 (0.97)	
Country - Cuba				-0.07 (-2.94)*	
Country - Cyprus				0.04 (1.57)	
Country - Czech Republic				-0.09 (-3.51)*	
Country - Denmark				0.08 (2.89)*	
Country - Djibouti				0.00 (0.16)	
Country - Dominican Republic				-0.05 (-2.07)*	
Country - Ecuador				-0.01 (-0.31)	
Country - Egypt				-0.10 (-3.67)*	
Country - El Salvador				-0.01 (-0.51)	
Country - Estonia				0.01 (0.58)	
Country - Ethiopia				-0.09 (-3.50)*	

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	Model 1	Model 2	Model 3	Model 4	Model 5
Country - Fiji				-0.04 (-1.55)	
Country - Finland				0.02 (0.91)	
Country - France				-0.02 (-0.65)	
Country - Gabon				-0.02 (-0.73)	
Country - Gambia				-0.04 (-1.80)	
Country - Georgia				0.04 (1.52)	
Country - Germany				0.00 (-0.17)	
Country - Ghana				0.04 (1.69)	
Country - Greece				-0.04 (-1.53)	
Country - Guatemala				-0.01 (-0.37)	
Country - Guinea				-0.12 (-5.02)*	
Country - Guinea- Bissau				0.00 (-0.02)	
Country - Guyana				-0.02 (-0.66)	
Country - Haiti				-0.06 (-2.35)*	
Country - Honduras				0.00 (-0.03)	
Country - Hungary				-0.05 (-1.93)	
Country - Iceland				0.09 (3.32)*	
Country - India				0.04 (1.88)	
Country - Indonesia				-0.11 (-4.36)*	
Country - Iran, Islamic Republic of				0.04 (1.81)	
Country - Iraq				0.00 (0.09)	
Country - Ireland				-0.03 (-1.41)	
Country - Israel				-0.04 (-1.61)	
Country - Italy				-0.04 (-1.38)	
Country - Jamaica				0.02 (0.74)	
Country - Japan				-0.11 (-4.20)*	
Country - Jordan				-0.09 (-3.33)*	
Country - Kazakhstan				-0.01 (-0.33)	
Country - Kenya				-0.04 (-1.53)	
Country - Korea, North				-0.05 (-1.81)	
Country - Korea, South				-0.10 (-3.25)*	
Country - Kosovo				-0.02 (-0.87)	
Country - Kuwait				-0.02 (-1.02)	
Country - Kyrgyzstan				0.05 (2.03)*	
Country - Latvia				-0.03 (-1.31)	
Country - Lebanon				-0.06 (-2.49)*	
Country - Lesotho				-0.02 (-0.62)	
Country - Liberia				0.02 (0.87)	
Country - Libya - Libyan Arab Jamahiriya				-0.04 (-1.75)	
Country - Lithuania				-0.12 (-4.42)*	
Country - Luxembourg				0.02 (0.76)	
Country - Macedonia				-0.01 (-0.50)	
Country - Madagascar				0.06 (1.91)	
Country - Malawi				-0.06 (-2.48)*	
Country - Malaysia				-0.09 (-3.91)*	
Country - Mali				-0.05 (-1.89)	
Country - Malta				0.01 (0.32)	
Country - Mauritania				-0.13 (-5.36)*	
Country - Mauritius				0.01 (0.23)	
Country - Mexico				-0.08 (-3.04)*	
Country - Moldova, Republic of				0.04 (1.48)	
Country - Mongolia				-0.14 (-5.74)*	
Country - Montenegro				-0.10 (-4.18)*	
Country - Morocco				-0.08 (-3.06)*	
Country - Myanmar				-0.15 (-6.25)*	
Country - Namibia				0.03 (1.22)	

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	Model 1	Model 2	Model 3	Model 4	Model 5
Country - Nepal				-0.04 (-1.42)	
Country - Netherlands				0.07 (3.09)*	
Country - New Zealand				0.04 (1.59)	
Country - Nicaragua				-0.02 (-0.75)	
Country - Niger				0.02 (0.81)	
Country - Nigeria				-0.04 (-1.59)	
Country - Norway				0.08 (3.09)*	
Country - Oman				0.00 (-0.02)	
Country - Pakistan				-0.08 (-3.02)*	
Country - Palestinian Territory, Occupied				-0.02 (-0.73)	
Country - Panama				-0.04 (-1.78)	
Country - Paraguay				-0.04 (-1.78)	
Country - Peru				-0.02 (-0.79)	
Country - Philippines				0.02 (0.83)	
Country - Poland				-0.03 (-1.13)	
Country - Portugal				-0.01 (-0.40)	
Country - Puerto Rico				0.05 (1.70)	
Country - Qatar				0.01 (0.27)	
Country - Romania				0.00 (0.01)	
Country - Russian Federation				-0.07 (-2.78)*	
Country - Rwanda				-0.07 (-2.78)*	
Country - Saudi Arabia				-0.05 (-1.80)	
Country - Senegal				-0.08 (-3.32)*	
Country - Serbia				-0.02 (-0.56)	
Country - Sierra Leone				-0.17 (-7.03)*	
Country - Singapore				0.10 (4.14)*	
Country - Slovakia				-0.02 (-0.73)	
Country - Slovenia				0.01 (0.18)	
Country - Solomon Islands				-0.03 (-1.22)	
Country - Somalia				-0.07 (-2.24)*	
Country - Somaliland				0.00 (-0.13)	
Country - South Africa				-0.05 (-2.10)*	
Country - Spain				-0.03 (-1.15)	
Country - Sri Lanka				-0.07 (-2.95)*	
Country - Suriname				0.01 (0.32)	
Country - Sweden				0.06 (2.55)*	
Country - Switzerland				0.05 (2.30)*	
Country - Syria - Syrian Arab Republic				-0.01 (-0.39)	
Country - Tajikistan				-0.09 (-3.56)*	
Country - Thailand				-0.06 (-1.93)	
Country - Timor- Leste - East Timor				0.02 (0.56)	
Country - Trinidad and Tobago				0.15 (6.24)*	
Country - Tunisia				-0.04 (-1.36)	
Country - Turkey				-0.03 (-1.15)	
Country - Turkmenistan				-0.03 (-1.11)	
Country - Ukraine				-0.04 (-1.55)	
Country - United Arab Emirates				0.04 (1.90)	
Country - United Kingdom - Great Britain				-0.06 (-2.39)*	
Country - United States of America				-0.03 (-1.38)	
Country - Uruguay				-0.04 (-1.55)	
Country - Uzbekistan				-0.03 (-1.03)	
Country - Venezuela, Bolivarian Republic of				-0.04 (-1.42)	
Country - Viet Nam				-0.05 (-1.85)	
Country - Yemen				0.05 (1.75)	
Country - Zambia				-0.02 (-0.89)	
Country - Zimbabwe				-0.01 (-0.59)	

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	Model 1	Model 2	Model 3	Model 4	Model 5
Body Type - Executive				0.10 (3.11)*	0.07 (3.20)*
Body Type - Lower House				-0.07 (-3.44)*	-0.03 (-1.92)
Body Type - Party				-0.03 (-1.46)	0.00 (-0.08)
Body Type - Supreme Court				0.03 (3.20)*	0.02 (2.28)*
Body Type - Upper House				-0.02 (-1.03)	-0.02 (-0.71)
Selection Rule - 2				0.02 (1.15)	0.02 (1.08)
Selection Rule - 3				0.04 (2.04)*	0.06 (2.83)*
Selection Rule - 4				-0.07 (-2.60)*	-0.02 (-0.87)
Selection Rule - 5				0.00 (-0.05)	0.02 (0.33)
Selection Rule - 6				0.02 (1.05)	0.06 (2.56)*
Group Type - Gender				-0.01 (-0.40)	0.00 (0.19)
Group Type - Language				0.01 (0.91)	0.01 (0.94)
Group Type - Religion				-0.05 (-1.77)	-0.04 (-1.63)
Gender Quotas - 1				-0.01 (-0.62)	0.00 (-0.29)
Gender Quotas - 2				0.03 (1.93)	-0.01 (-0.85)
Gender Quotas - 3				0.03 (1.38)	0.01 (0.95)
Gender Quotas - 4				0.05 (1.31)	0.05 (1.64)
Ethnic Quotas - 1				-0.03 (-1.56)	-0.02 (-1.45)
Round 2 Indicator				0.02 (4.53)*	0.02 (3.51)*
Lexical index					0.01 (2.64)*
Population (log)					-0.01 (-1.65)
GDP per capita (log)					0.01 (0.90)
Gini index					0.00 (-0.82)
Dependent variable	Rep. index	Rep. index	Rep. index	Rep. index	Rep. index
Adjusted R-squared	0.38	0.39	0.46	0.51	0.48
Observations	156	6628	6628	6628	6628
Countries	156	156	156	156	156

Table S.V.2: Implications of the main analysis. Outcome: representation, measured for each identity – ethnicity, religion, language, and gender. Higher values indicate better representation. Estimator: ordinary least squares, *t*-statistics in parentheses, standard errors clustered by country. * denotes $p < 0.05$

	Entire (1)	Parties Only (2)	Entire (3)	Entire (4)
Cabinet	0.01 (0.15)			
Lower house	0.02 (0.85)			
Party	-0.10 (-3.40)*			
Supreme court	-0.01 (-0.33)			
Upper house	0.00 (-0.07)			
Fractionalization	-0.64 (-14.56)*	-0.68 (-12.46)*		
Selection Rule - 2	0.00 (0.03)		0.02 (1.10)	0.02 (1.10)
Selection Rule - 3	0.02 (1.06)		0.04 (1.81)	0.04 (1.69)
Selection Rule - 4	-0.13 (-4.02)*		-0.07 (-2.57)*	-0.06 (-2.06)*
Selection Rule - 5	0.00 (0.04)		-0.01 (-0.19)	-0.01 (-0.32)
Selection Rule - 6	-0.01 (-0.36)		0.02 (1.03)	0.02 (1.10)
Gender Quotas - 1	-0.01 (-0.28)	0.00 (0.00)	0.00 (-0.04)	0.01 (0.30)
Gender Quotas - 2	0.03 (1.98)*	0.00 (-0.01)	0.03 (1.20)	0.03 (0.82)
Gender Quotas - 3	0.03 (1.61)	0.03 (1.23)	0.04 (1.73)	0.02 (0.80)
Gender Quotas - 4	0.05 (1.33)	0.10 (2.55)*	0.06 (1.75)	0.09 (2.98)*
Group Type - Gender	0.00 (-0.33)	0.03 (1.69)	-0.10 (-7.26)*	-0.22 (-7.66)*
Group Type - Language	0.01 (0.59)	0.03 (2.66)*	0.01 (1.19)	-0.01 (-0.50)
Group Type - Religion	-0.06 (-2.16)*	-0.02 (-0.58)	-0.06 (-2.49)*	-0.07 (-2.89)*
Country - Albania	-0.13 (-4.55)*	-0.04 (-2.06)*	-0.10 (-3.54)*	0.00 (0.10)
Country - Algeria	-0.10 (-3.47)*	0.05 (3.12)*	-0.06 (-2.11)*	-0.01 (-0.35)

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	Entire (1)	Parties Only (2)	Entire (3)	Entire (4)
Country - Angola	0.06 (2.23)*	0.17 (8.77)*	0.08 (2.53)*	0.11 (3.22)*
Country - Armenia	-0.05 (-1.62)	0.06 (2.90)*	-0.03 (-0.93)	0.05 (1.71)
Country - Australia	0.01 (0.27)	0.09 (7.17)*	0.03 (1.27)	0.05 (1.93)
Country - Austria	-0.20 (-7.21)*		-0.17 (-6.81)*	-0.03 (-1.19)
Country - Azerbaijan	-0.05 (-1.69)	0.11 (7.10)*	0.04 (1.51)	0.18 (7.19)*
Country - Bahrain	-0.06 (-2.28)*		-0.08 (-3.17)*	-0.07 (-2.86)*
Country - Bangladesh	0.05 (1.37)	0.06 (2.29)*	0.06 (1.99)*	0.10 (3.11)*
Country - Belarus	-0.09 (-3.27)*		-0.03 (-0.99)	0.03 (1.01)
Country - Belgium	-0.02 (-0.58)	0.10 (9.08)*	-0.02 (-0.95)	0.01 (0.25)
Country - Benin	-0.13 (-4.34)*	0.01 (0.46)	-0.06 (-2.35)*	-0.09 (-3.40)*
Country - Bolivia	-0.04 (-1.38)	0.11 (7.48)*	-0.03 (-0.97)	0.04 (1.48)
Country - Bosnia and Herzegovina	-0.08 (-3.24)*	0.03 (2.30)*	-0.09 (-3.78)*	-0.11 (-4.30)*
Country - Botswana	-0.10 (-3.82)*	0.07 (4.75)*	-0.06 (-2.50)*	-0.01 (-0.31)
Country - Brazil	-0.12 (-4.40)*	-0.02 (-1.07)	-0.16 (-5.95)*	-0.14 (-4.71)*
Country - Bulgaria	0.00 (-0.08)	0.10 (7.20)*	0.01 (0.55)	0.06 (2.46)*
Country - Burkina Faso	-0.14 (-5.26)*	0.00 (-0.19)	-0.02 (-0.59)	-0.03 (-0.99)
Country - Burundi	-0.02 (-0.73)	0.08 (3.21)*	0.01 (0.23)	0.03 (1.09)
Country - Cambodia	-0.09 (-3.05)*		-0.07 (-2.54)*	0.02 (0.67)
Country - Canada	-0.04 (-1.44)	0.06 (4.27)*	0.00 (-0.13)	-0.01 (-0.24)
Country - Cape Verde	-0.03 (-0.95)	0.11 (5.61)*	0.01 (0.27)	0.04 (1.41)
Country - Central African Republic	-0.15 (-5.60)*	0.03 (2.66)*	-0.09 (-3.73)*	-0.09 (-3.68)*
Country - Chile	-0.07 (-2.69)*		-0.07 (-2.93)*	-0.06 (-2.22)*
Country - China, People's Republic of	0.01 (0.35)	0.07 (3.81)*	-0.02 (-0.53)	0.01 (0.44)
Country - China, Republic of - Taiwan	-0.02 (-0.62)	0.15 (9.22)*	-0.02 (-0.95)	0.00 (-0.14)
Country - Colombia	-0.06 (-2.33)*	0.05 (3.38)*	-0.03 (-1.08)	0.03 (1.06)
Country - Congo	-0.06 (-2.22)*		-0.05 (-1.92)	-0.03 (-1.07)
Country - Congo, Democratic Republic of the	-0.15 (-5.55)*	0.10 (6.31)*	0.06 (1.94)	0.00 (0.16)
Country - Costa Rica	-0.03 (-1.16)	0.08 (3.47)*	0.02 (0.88)	0.10 (3.63)*
Country - Cote d' Ivoire - Ivory Coast	0.03 (1.14)	0.10 (6.74)*	0.02 (0.73)	-0.02 (-0.84)
Country - Croatia	-0.01 (-0.48)	0.12 (8.19)*	0.03 (1.06)	0.10 (3.71)*
Country - Cuba	-0.01 (-0.40)	-0.03 (-1.46)	-0.08 (-3.21)*	-0.09 (-3.27)*
Country - Cyprus	0.00 (-0.13)	0.23 (9.53)*	0.03 (1.05)	0.05 (1.85)
Country - Czech Republic	-0.09 (-3.11)*		-0.06 (-2.43)*	0.03 (1.23)
Country - Denmark	0.07 (2.49)*	0.17 (9.90)*	0.10 (3.73)*	0.17 (6.29)*
Country - Djibouti	-0.04 (-1.42)	0.08 (10.92)*	-0.02 (-0.64)	-0.02 (-0.52)
Country - Dominican Republic	-0.07 (-2.62)*	0.11 (7.12)*	-0.05 (-1.82)	0.00 (-0.13)
Country - Ecuador	-0.04 (-1.50)	0.13 (7.72)*	0.01 (0.41)	0.07 (2.39)*
Country - Egypt	-0.07 (-2.56)*		-0.07 (-2.70)*	-0.02 (-0.88)
Country - El Salvador	-0.04 (-1.44)	0.09 (7.81)*	-0.01 (-0.46)	0.00 (-0.06)
Country - Estonia	0.04 (1.41)	0.13 (9.24)*	-0.01 (-0.47)	0.01 (0.55)
Country - Ethiopia	-0.08 (-2.75)*	-0.05 (-2.57)*	-0.05 (-1.75)	-0.04 (-1.32)
Country - Fiji	-0.07 (-2.77)*		-0.07 (-3.05)*	-0.03 (-1.10)
Country - Finland	0.05 (1.72)	0.11 (6.28)*	0.04 (1.72)	0.12 (4.89)*
Country - France	-0.01 (-0.36)		0.02 (0.55)	0.12 (4.01)*
Country - Gabon	-0.04 (-1.60)		0.01 (0.57)	0.03 (1.15)
Country - Gambia	-0.09 (-3.14)*	0.03 (2.08)*	-0.03 (-0.99)	-0.04 (-1.72)
Country - Georgia	0.00 (-0.03)	0.19 (14.02)*	0.07 (2.38)*	0.15 (5.83)*
Country - Germany	0.07 (2.43)*	0.10 (5.27)*	0.02 (0.55)	0.08 (2.70)*
Country - Ghana	0.05 (2.03)*	0.10 (6.52)*	0.05 (2.01)*	0.04 (1.50)
Country - Greece	-0.02 (-0.58)	0.05 (2.47)*	-0.02 (-0.70)	0.04 (1.40)
Country - Guatemala	-0.05 (-1.73)	0.11 (10.43)*	-0.05 (-2.01)*	-0.07 (-2.51)*
Country - Guinea	-0.17 (-6.47)*	0.02 (1.26)	-0.11 (-4.60)*	-0.11 (-4.26)*
Country - Guinea- Bissau	0.00 (0.04)	0.12 (7.45)*	0.01 (0.55)	-0.05 (-2.00)*
Country - Guyana	-0.03 (-0.97)	0.07 (6.02)*	-0.02 (-0.76)	-0.04 (-1.68)
Country - Haiti	-0.10 (-3.50)*	0.05 (2.69)*	-0.04 (-1.55)	0.00 (0.16)
Country - Honduras	-0.01 (-0.20)	0.13 (7.72)*	0.02 (0.85)	0.11 (4.02)*

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	Entire (1)	Parties Only (2)	Entire (3)	Entire (4)
Country - Hungary	-0.03 (-0.88)	0.08 (4.66)*	-0.03 (-1.13)	0.02 (0.82)
Country - Iceland	0.06 (2.27)*	0.20 (10.69)*	0.12 (4.43)*	0.17 (6.15)*
Country - India	0.04 (1.74)		0.11 (4.23)*	0.10 (3.87)*
Country - Indonesia	-0.05 (-1.97)*	0.03 (2.23)*	-0.06 (-2.38)*	-0.03 (-1.06)
Country - Iran, Islamic Republic of	-0.01 (-0.35)	0.18 (12.79)*	0.08 (3.44)*	0.13 (4.93)*
Country - Iraq	0.01 (0.40)		-0.01 (-0.46)	0.05 (2.00)*
Country - Ireland	-0.05 (-1.69)	0.04 (2.08)*	-0.01 (-0.50)	0.05 (1.54)
Country - Israel	-0.05 (-1.94)	0.08 (7.53)*	-0.05 (-1.95)	-0.02 (-0.84)
Country - Italy	-0.03 (-0.90)		-0.01 (-0.32)	0.10 (3.83)*
Country - Jamaica	0.03 (1.09)	0.12 (8.22)*	0.04 (1.66)	0.14 (5.50)*
Country - Japan	-0.12 (-4.15)*	-0.01 (-0.88)	-0.10 (-3.82)*	-0.07 (-2.37)*
Country - Jordan	-0.08 (-2.56)*		-0.09 (-2.87)*	-0.04 (-1.40)
Country - Kazakhstan	-0.03 (-1.00)	0.10 (7.82)*	0.00 (-0.01)	0.07 (2.50)*
Country - Kenya	-0.07 (-2.28)*	-0.04 (-3.76)*	0.00 (0.11)	-0.06 (-2.10)*
Country - Korea, North	-0.06 (-1.91)		-0.03 (-0.94)	-0.02 (-0.56)
Country - Korea, South	-0.10 (-3.26)*	0.00 (0.00)	-0.08 (-2.78)*	-0.04 (-1.35)
Country - Kosovo	-0.06 (-2.09)*	0.08 (5.17)*	0.00 (-0.09)	0.08 (3.14)*
Country - Kuwait	-0.02 (-0.98)		0.01 (0.44)	0.01 (0.45)
Country - Kyrgyzstan	0.05 (1.84)	0.16 (11.71)*	0.04 (1.73)	0.08 (3.11)*
Country - Latvia	-0.05 (-1.84)	0.08 (7.09)*	-0.04 (-1.76)	0.00 (0.14)
Country - Lebanon	-0.10 (-3.70)*	0.03 (3.05)*	-0.08 (-3.38)*	-0.07 (-2.85)*
Country - Lesotho	-0.06 (-1.93)	0.11 (8.48)*	0.00 (-0.08)	0.06 (2.30)*
Country - Liberia	0.00 (-0.13)		0.07 (2.58)*	0.01 (0.42)
Country - Libya - Libyan Arab Jamahiriya	-0.06 (-2.31)*		-0.03 (-0.99)	0.05 (1.94)
Country - Lithuania	-0.12 (-4.24)*	-0.03 (-2.42)*	-0.10 (-3.54)*	-0.01 (-0.54)
Country - Luxembourg	0.00 (-0.05)	0.16 (11.27)*	0.03 (1.31)	0.07 (2.60)*
Country - Macedonia	-0.06 (-2.37)*	0.07 (5.77)*	-0.03 (-1.05)	0.03 (1.00)
Country - Madagascar	-0.01 (-0.16)	0.19 (9.51)*	0.10 (3.01)*	0.18 (5.94)*
Country - Malawi	-0.07 (-2.83)*	0.04 (3.55)*	-0.04 (-1.74)	0.00 (-0.19)
Country - Malaysia	-0.13 (-4.75)*	-0.02 (-2.16)*	-0.11 (-4.45)*	-0.11 (-4.35)*
Country - Mali	-0.09 (-3.22)*	0.06 (4.56)*	-0.01 (-0.43)	-0.02 (-0.65)
Country - Malta	-0.01 (-0.26)	0.07 (3.73)*	0.03 (1.19)	0.08 (3.08)*
Country - Mauritania	-0.12 (-4.44)*		-0.13 (-5.00)*	-0.13 (-4.81)*
Country - Mauritius	-0.04 (-1.44)	0.07 (7.24)*	-0.01 (-0.21)	0.01 (0.47)
Country - Mexico	-0.04 (-1.51)	0.07 (4.21)*	-0.08 (-3.08)*	-0.06 (-1.97)*
Country - Moldova, Republic of	0.02 (0.79)	0.14 (12.99)*	0.05 (1.97)*	0.11 (4.43)*
Country - Mongolia	-0.14 (-5.12)*		-0.12 (-4.89)*	-0.05 (-1.85)
Country - Montenegro	-0.13 (-5.11)*	-0.03 (-2.61)*	-0.09 (-3.72)*	-0.05 (-2.16)*
Country - Morocco	-0.09 (-3.29)*	0.03 (4.55)*	-0.12 (-4.65)*	-0.15 (-5.24)*
Country - Myanmar	-0.18 (-6.59)*	-0.07 (-6.33)*	-0.11 (-4.53)*	-0.02 (-0.64)
Country - Namibia	0.02 (0.91)		0.06 (2.38)*	0.06 (2.32)*
Country - Nepal	-0.03 (-0.77)		-0.04 (-1.33)	-0.02 (-0.64)
Country - Netherlands	0.05 (1.78)		0.10 (4.42)*	0.19 (7.89)*
Country - New Zealand	0.02 (0.85)	0.16 (14.36)*	0.06 (2.29)*	0.12 (4.85)*
Country - Nicaragua	-0.04 (-1.68)	0.05 (3.94)*	-0.01 (-0.35)	0.03 (1.36)
Country - Niger	0.00 (-0.11)	0.13 (8.78)*	0.00 (0.01)	0.00 (-0.12)
Country - Nigeria	-0.04 (-1.37)	0.09 (3.72)*	-0.01 (-0.19)	-0.06 (-2.14)*
Country - Norway	0.08 (2.96)*	0.18 (9.79)*	0.11 (4.03)*	0.15 (5.54)*
Country - Oman	0.01 (0.21)		0.02 (0.74)	0.10 (3.98)*
Country - Pakistan	-0.08 (-2.71)*	-0.05 (-3.95)*	-0.07 (-2.45)*	-0.08 (-2.88)*
Country - Palestinian Territory, Occupied	-0.04 (-1.26)	0.16 (8.41)*	0.00 (-0.17)	0.02 (0.67)
Country - Panama	-0.06 (-2.09)*	0.11 (8.57)*	-0.04 (-1.46)	-0.02 (-0.63)
Country - Paraguay	-0.06 (-2.19)*	0.10 (7.98)*	-0.06 (-2.53)*	-0.03 (-1.02)
Country - Peru	-0.04 (-1.69)	0.08 (6.24)*	-0.05 (-1.80)	0.00 (-0.11)
Country - Philippines	-0.04 (-1.29)	0.16 (13.63)*	0.06 (2.01)*	0.12 (4.59)*
Country - Poland	0.00 (0.02)	0.07 (2.86)*	0.00 (-0.01)	0.09 (3.17)*

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	Entire (1)	Parties Only (2)	Entire (3)	Entire (4)
Country - Portugal	0.00 (-0.02)	0.13 (6.96)*	0.01 (0.26)	0.06 (1.61)
Country - Puerto Rico	0.01 (0.31)	0.23 (18.14)*	0.05 (1.91)	0.08 (2.91)*
Country - Qatar	-0.02 (-0.65)		0.05 (1.86)	0.10 (3.42)*
Country - Romania	0.01 (0.51)		0.03 (1.01)	0.11 (4.34)*
Country - Russian Federation	-0.05 (-1.89)		-0.03 (-1.37)	0.08 (3.10)*
Country - Rwanda	-0.09 (-3.31)*	0.01 (0.80)	-0.06 (-2.41)*	0.00 (0.10)
Country - Saudi Arabia	-0.06 (-1.74)		-0.03 (-1.15)	0.01 (0.33)
Country - Senegal	-0.13 (-4.85)*	0.07 (4.64)*	-0.07 (-2.78)*	-0.05 (-2.08)*
Country - Serbia	-0.06 (-2.14)*	0.07 (3.74)*	0.00 (-0.14)	0.11 (4.10)*
Country - Sierra Leone	-0.17 (-6.36)*	-0.14 (-10.50)*	-0.14 (-5.99)*	-0.13 (-5.01)*
Country - Singapore	0.08 (2.89)*	0.22 (18.54)*	0.09 (3.64)*	0.09 (3.73)*
Country - Slovakia	-0.02 (-0.81)	0.07 (4.50)*	-0.01 (-0.25)	0.05 (1.90)
Country - Slovenia	-0.02 (-0.58)		0.00 (-0.10)	0.07 (2.65)*
Country - Solomon Islands	-0.10 (-3.41)*	0.08 (4.90)*	0.02 (0.79)	-0.04 (-1.54)
Country - Somalia	-0.08 (-2.42)*		-0.07 (-2.16)*	-0.07 (-2.02)*
Country - Somaliland	-0.06 (-2.00)*		0.03 (1.06)	0.09 (3.14)*
Country - South Africa	-0.06 (-2.41)*	0.03 (2.41)*	-0.03 (-1.42)	-0.01 (-0.44)
Country - Spain	-0.02 (-0.84)		-0.03 (-1.15)	0.01 (0.39)
Country - Sri Lanka	-0.06 (-2.12)*		-0.06 (-2.53)*	-0.03 (-1.14)
Country - Suriname	-0.02 (-0.78)		0.02 (0.85)	0.06 (2.07)*
Country - Sweden	0.08 (2.90)*	0.17 (11.56)*	0.09 (3.59)*	0.20 (8.18)*
Country - Switzerland	0.05 (1.94)	0.16 (15.69)*	0.04 (1.73)	0.06 (2.50)*
Country - Syria - Syrian Arab Republic	0.00 (-0.04)		0.01 (0.58)	0.10 (3.79)*
Country - Tajikistan	-0.10 (-3.79)*		-0.08 (-3.43)*	-0.06 (-2.23)*
Country - Thailand	-0.03 (-0.82)	0.05 (2.60)*	-0.02 (-0.76)	0.05 (1.86)
Country - Timor- Leste - East Timor	-0.01 (-0.30)	0.16 (7.26)*	0.03 (1.09)	0.09 (3.30)*
Country - Trinidad and Tobago	0.16 (5.95)*		0.13 (5.38)*	0.11 (4.10)*
Country - Tunisia	-0.03 (-1.13)	0.08 (3.42)*	-0.02 (-0.75)	0.03 (0.85)
Country - Turkey	0.01 (0.22)	0.07 (4.86)*	-0.01 (-0.24)	0.08 (3.26)*
Country - Turkmenistan	0.00 (0.04)	0.02 (1.16)	-0.01 (-0.41)	0.06 (2.30)*
Country - Ukraine	-0.03 (-1.01)	0.11 (8.17)*	-0.06 (-2.21)*	-0.06 (-1.98)*
Country - United Arab Emirates	0.02 (0.99)	0.18 (7.75)*	0.07 (4.01)*	0.10 (5.81)*
Country - United Kingdom - Great Britain	-0.04 (-1.43)		-0.03 (-1.17)	0.05 (2.05)*
Country - United States of America	0.02 (0.77)	0.07 (3.69)*	-0.03 (-1.08)	0.01 (0.29)
Country - Uruguay	-0.06 (-2.03)*	-0.02 (-1.16)	-0.02 (-0.94)	0.03 (1.28)
Country - Uzbekistan	-0.03 (-1.13)		0.00 (0.13)	0.12 (4.45)*
Country - Venezuela, Bolivarian Republic of	-0.07 (-2.50)*	0.08 (5.30)*	-0.04 (-1.45)	-0.02 (-0.64)
Country - Viet Nam	-0.01 (-0.34)	0.02 (1.24)	-0.01 (-0.42)	0.14 (5.16)*
Country - Yemen	0.04 (1.44)		0.05 (1.90)	0.09 (3.13)*
Country - Zambia	-0.03 (-0.99)	0.06 (3.13)*	0.02 (0.75)	-0.01 (-0.46)
Country - Zimbabwe	-0.02 (-0.57)		-0.01 (-0.32)	0.06 (2.21)*
Round 2 Indicator	0.00 (0.63)	0.02 (4.04)*	0.02 (4.01)*	0.01 (3.36)*
Body size (log)		0.05 (12.83)*	0.05 (13.96)*	0.05 (14.05)*
Group entropy			-0.19 (-11.29)*	
Body Type - Executive			0.10 (3.09)*	0.09 (2.68)*
Body Type - Lower House			-0.07 (-3.39)*	-0.07 (-3.75)*
Body Type - Party			-0.03 (-1.55)	-0.03 (-1.95)
Body Type - Supreme Court			0.03 (3.21)*	0.03 (3.41)*
Body Type - Upper House			-0.02 (-0.92)	-0.02 (-0.94)
# of groups (log)				-0.20 (-9.32)*
Dependent variable	Rep. index	Rep. index	Rep. index	Rep. index
Adjusted R-squared	0.46	0.52	0.50	0.45
Observations	6628	4274	6628	6628
Countries	156	114	156	156

Table S.V.3: Analysis by group identity. Outcome: representation index. Higher values indicate better representation. Estimator: ordinary least squares, *t*-statistics in parentheses, standard errors clustered by country. * denotes $p < 0.05$

	Ethnicity (1)	Religion (2)	Language (3)	Gender (4)	Ethnicity+Gender (5)
Body size (log)	0.06 (8.30)*	0.02 (1.51)	0.05 (7.23)*	0.05 (14.36)*	0.08 (16.06)*
Fractionalization	-0.69 (-21.67)*	-0.72 (-6.14)*	-0.64 (-16.94)*	-0.95 (-3.22)*	-0.82 (-15.82)*
Selection Rule - 2	0.00 (-0.07)	0.01 (0.10)	0.03 (1.27)	0.02 (0.98)	0.02 (0.95)
Selection Rule - 3	0.06 (1.48)	0.07 (0.78)	0.06 (2.34)*	0.01 (0.69)	0.04 (1.73)
Selection Rule - 4	-0.04 (-1.02)	-0.05 (-0.53)	-0.03 (-1.01)	0.05 (1.95)	0.00 (0.11)
Selection Rule - 5	0.02 (0.42)	0.25 (0.84)	-0.33 (-0.94)	0.05 (1.50)	0.01 (0.17)
Selection Rule - 6	0.03 (0.76)	0.08 (0.68)	0.04 (1.26)	0.06 (2.89)*	0.06 (1.71)
Lexical index	0.01 (1.41)	0.01 (0.57)	0.01 (1.37)	0.01 (3.36)*	0.01 (3.87)*
Ethnic Quotas - 1	0.00 (-0.34)				-0.01 (-0.71)
Population (log)	-0.01 (-1.59)	0.00 (0.03)	0.00 (0.32)	-0.01 (-3.16)*	-0.01 (-3.06)*
GDP per capita (log)	0.00 (-0.46)	0.02 (0.61)	0.00 (0.16)	0.01 (1.90)	0.00 (0.73)
Gini index	0.00 (-0.40)	0.00 (-0.08)	0.00 (0.15)	0.00 (-0.85)	0.00 (-0.83)
Body Type - Executive	0.11 (3.16)*			0.00 (0.09)	0.06 (1.51)
Body Type - Lower House	-0.05 (-1.82)	0.00 (-0.01)	-0.06 (-1.80)	-0.03 (-1.69)	-0.08 (-2.39)*
Body Type - Party	-0.04 (-1.56)	0.04 (0.30)	-0.02 (-0.74)	0.04 (2.00)*	-0.01 (-0.32)
Body Type - Supreme Court	0.00 (0.10)	0.00 (-0.05)	-0.01 (-0.33)	0.07 (5.02)*	0.04 (3.11)*
Body Type - Upper House	-0.03 (-1.00)	-0.09 (-0.35)	-0.07 (-1.44)	0.00 (0.03)	-0.01 (-0.45)
Round 2 Indicator	0.01 (1.28)			0.01 (2.53)*	0.01 (1.56)
Gender Quotas - 1				0.00 (0.28)	-0.02 (-1.42)
Gender Quotas - 2				-0.02 (-1.18)	-0.03 (-0.86)
Gender Quotas - 3				0.01 (0.58)	-0.03 (-2.08)*
Gender Quotas - 4				0.03 (1.23)	0.00 (-0.03)
Dependent variable	Rep. index	Rep. index	Rep. index	Rep. index	Rep. index
Adjusted R-squared	0.57	0.26	0.60	0.27	0.61
Observations	2076	871	1377	2304	1913
Countries	152	107	133	153	148

Table S.V.4: Analysis in varying contexts. Outcome: representation, measured for each identity—ethnicity, religion, language, and gender. Higher values indicate better representation. Estimator: ordinary least squares, *t*-statistics in parentheses, standard errors clustered by country. * denotes $p < 0.05$

	Elected (1)	Unelected (2)	Dem. (3)	Non-Dem. (4)	R. 1 (5)	R. 2 (6)
Body size (log)	0.05 (10.24)*	0.03 (3.46)*	0.05 (10.47)*	0.05 (8.60)*	0.05 (11.89)*	0.06 (12.48)*
Fractionalization	-0.71 (-19.41)*	-0.57 (-18.07)*	-0.65 (-15.38)*	-0.71 (-22.86)*	-0.72 (-21.89)*	-0.67 (-19.96)*
Lexical index	0.01 (2.57)*	0.00 (1.57)			0.01 (2.17)*	0.01 (3.00)*
Population (log)	0.00 (-0.70)	-0.01 (-1.09)	0.00 (-1.04)	-0.01 (-2.37)*	-0.01 (-2.65)*	-0.01 (-3.06)*
Gender Quotas - 1	-0.01 (-0.83)	0.01 (0.25)	-0.01 (-0.62)	0.03 (1.29)	0.02 (1.11)	-0.02 (-0.96)
Gender Quotas - 2	-0.04 (-2.03)*	0.04 (1.55)	-0.01 (-0.78)	0.03 (1.79)	0.00 (0.24)	-0.02 (-1.30)
Gender Quotas - 3	0.01 (0.74)	0.03 (1.63)	0.02 (1.16)	-0.02 (-0.72)	0.02 (1.00)	0.01 (0.66)
Gender Quotas - 4	0.05 (1.99)*	-0.01 (-0.29)	0.01 (0.38)	0.07 (1.87)	0.05 (1.39)	0.04 (1.29)
Ethnic Quotas - 1	-0.03 (-1.96)	0.04 (1.14)	-0.02 (-1.04)	-0.06 (-3.13)*	-0.03 (-1.49)	-0.01 (-0.49)
GDP per capita (log)	0.00 (0.54)	0.01 (1.59)	0.00 (0.00)	0.02 (2.14)*	0.00 (0.44)	0.01 (1.36)
Gini index	0.00 (-0.47)	0.00 (0.07)	0.00 (-1.59)	0.00 (-1.05)	0.00 (-0.84)	0.00 (-0.91)
Group Type - Gender	0.01 (0.66)	-0.01 (-0.84)	0.01 (0.35)	-0.01 (-0.51)	0.00 (0.10)	0.01 (0.79)
Group Type - Language	0.01 (1.04)	0.00 (0.15)	0.01 (0.89)	0.01 (0.49)		
Group Type - Religion	-0.04 (-1.32)	-0.09 (-2.35)*	-0.04 (-1.23)	-0.06 (-1.50)		
Body Type - Lower House	-0.06 (-3.22)*	-0.05 (-2.22)*	-0.05 (-0.99)	-0.03 (-1.11)	-0.03 (-1.26)	-0.04 (-1.84)
Body Type - Party	-0.04 (-2.69)*	0.03 (1.38)	-0.01 (-0.22)	0.00 (0.17)	0.00 (0.02)	0.02 (0.79)
Body Type - Upper House	-0.05 (-1.47)	-0.03 (-0.87)	-0.03 (-0.70)	0.01 (0.29)	-0.09 (-2.26)*	-0.01 (-0.59)
Round 2 Indicator	0.01 (1.75)	0.01 (1.07)	0.02 (3.87)*	0.00 (0.24)		
Body Type - Supreme Court		0.00 (0.10)	0.01 (1.17)	0.05 (3.11)*	0.02 (1.57)	0.05 (4.07)*

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	Elected (1)	Unelected (2)	Dem. (3)	Non-Dem. (4)	R. 1 (5)	R. 2 (6)
Selection Rule - 2			0.01 (0.98)	0.05 (1.74)	0.01 (0.29)	0.01 (0.64)
Selection Rule - 3			0.06 (2.92)*	0.02 (1.02)	0.03 (1.21)	0.03 (1.64)
Selection Rule - 4			-0.05 (-1.92)	0.01 (0.40)	0.01 (0.15)	0.00 (0.14)
Selection Rule - 5			-0.02 (-0.28)	0.04 (0.72)	0.08 (1.13)	0.04 (1.49)
Selection Rule - 6			0.05 (1.16)	0.04 (1.33)	0.06 (1.47)	0.05 (2.09)*
Body Type - Executive			0.09 (1.81)	0.08 (2.55)*	0.05 (1.51)	0.08 (2.74)*
Dependent variable	Rep. index	Rep. index	Rep. index	Rep. index	Rep. index	Rep. index
Adjusted R-squared	0.47	0.43	0.46	0.55	0.49	0.47
Observations	5342	1286	5049	1579	2371	2009
Countries	156	155	102	54	152	150

Table S.V.5: *Heterogeneity analysis by region. Outcome: representation, measured for each identity—ethnicity, religion, language, and gender. Higher values indicate better representation. Estimator: ordinary least squares, t-statistics in parentheses, standard errors clustered by country. * denotes $p < 0.05$*

	OECD (1)	Non-OECD (2)	Americas (3)	Asia (4)	Europe (5)	MENA (6)
Body size (log)	0.05 (6.63)*	0.05 (12.24)*	0.05 (5.96)*	0.04 (6.52)*	0.05 (5.73)*	0.05 (8.94)*
Fractionalization	-0.70 (-13.47)*	-0.67 (-20.11)*	-0.74 (-13.50)*	-0.64 (-9.44)*	-0.55 (-14.04)*	-0.72 (-15.42)*
Lexical index	-0.04 (-4.37)*	0.01 (2.79)*	0.01 (4.48)*	0.00 (-0.11)	0.02 (1.54)	0.01 (2.87)*
Selection Rule - 2	0.04 (2.15)*	0.00 (0.19)	-0.01 (-0.28)	0.09 (3.07)*	0.12 (2.66)*	-0.02 (-1.06)
Selection Rule - 3	-0.01 (-0.33)	0.07 (3.58)*	0.02 (0.94)	0.11 (2.59)*	0.06 (1.37)	0.06 (2.52)*
Selection Rule - 4	-0.10 (-3.55)*	-0.01 (-0.72)	0.07 (1.19)	-0.01 (-0.15)	0.01 (0.60)	0.02 (0.46)
Selection Rule - 5	-0.09 (-0.97)	0.05 (1.37)		0.15 (1.81)	0.05 (0.52)	-0.04 (-0.92)
Selection Rule - 6	0.02 (0.46)	0.05 (1.95)	0.08 (2.03)*	0.09 (1.84)	0.18 (3.44)*	-0.01 (-0.21)
Gender Quotas - 1	-0.02 (-1.21)	0.01 (0.57)	0.01 (0.46)	-0.01 (-0.35)	0.03 (1.02)	0.01 (0.37)
Gender Quotas - 2	-0.02 (-0.50)	0.00 (-0.31)	-0.04 (-2.05)*	-0.02 (-0.28)	0.00 (-0.01)	0.06 (3.14)*
Gender Quotas - 3	-0.01 (-0.27)	0.04 (2.42)*	0.04 (1.71)	0.02 (0.48)	-0.01 (-0.51)	-0.02 (-0.58)
Ethnic Quotas - 1	0.06 (1.30)	-0.02 (-1.34)	-0.01 (-0.37)	0.03 (0.83)	-0.03 (-1.52)	0.00 (-0.04)
Population (log)	-0.01 (-1.10)	-0.01 (-1.53)	-0.01 (-2.30)*	-0.01 (-2.06)*	0.00 (0.68)	0.00 (-0.02)
GDP per capita (log)	0.07 (5.42)*	0.00 (0.50)	0.00 (0.08)	0.01 (0.88)	0.01 (0.42)	0.01 (0.94)
Gini index	0.00 (-0.91)	0.00 (0.23)	0.00 (-0.62)	0.00 (0.66)	-0.01 (-3.58)*	0.00 (1.08)
Group Type - Gender	0.05 (2.28)*	-0.01 (-1.01)	0.04 (1.72)	-0.03 (-0.98)	-0.01 (-0.44)	-0.02 (-1.31)
Group Type - Language	-0.01 (-0.68)	0.01 (1.21)	0.05 (1.70)	0.01 (0.54)	-0.01 (-0.77)	0.02 (0.90)
Group Type - Religion	-0.03 (-0.67)	-0.04 (-1.46)	0.03 (0.75)	-0.06 (-1.10)	-0.07 (-1.30)	-0.05 (-1.21)
Body Type - Executive	0.10 (1.98)*	0.07 (3.04)*		0.08 (1.64)	0.17 (2.58)*	-0.01 (-0.17)
Body Type - Lower House	-0.11 (-1.96)*	-0.03 (-1.55)	0.00 (0.06)	0.01 (0.16)	-0.02 (-0.36)	-0.08 (-2.99)*
Body Type - Party	-0.04 (-0.79)	0.00 (-0.19)	0.06 (1.22)	0.00 (0.00)	0.03 (0.48)	-0.05 (-1.56)
Body Type - Supreme Court	-0.01 (-0.61)	0.03 (3.22)*	0.01 (0.43)	0.02 (0.81)	0.01 (0.58)	0.04 (2.44)*
Body Type - Upper House	-0.08 (-1.87)	0.00 (0.00)	0.01 (0.53)	-0.07 (-0.94)	0.00 (-0.01)	0.03 (0.92)
Round 2 Indicator	0.02 (2.36)*	0.01 (2.76)*	0.03 (2.32)*	0.01 (0.72)	0.02 (2.63)*	0.01 (1.23)
Gender Quotas - 4		0.06 (2.05)*		0.13 (4.99)*		0.04 (0.95)
Dependent variable	Rep. index	Rep. index	Rep. index	Rep. index	Rep. index	Rep. index
Adjusted R-squared	0.53	0.46	0.47	0.48	0.43	0.54
Observations	1589	5039	1069	1456	1766	2097
Countries	36	120	25	29	38	58

Table S.V.6: *IV analysis. First stage outcomes: log(Body Size) and fractionalization. Second stage outcome: levels of representation (where 1 = perfect representation). Estimator: two-stage least squares, t-statistics in parentheses, standard errors clustered by country. * denotes $p < 0.05$.*

	S1: log(Body N) (1)	S2: Rep. Index (2)	S1: Frac (3)	S2: Rep. Index (4)
Lower house	4.25 (7.99)*			
Upper house	3.25 (6.04)*			
Fractionalization	-0.16 (-1.51)	-0.57 (-16.01)*		-1.32 (-3.04)*
Round 2 Indicator	0.03 (1.42)	0.02 (2.45)*	0.01 (1.00)	0.02 (1.20)
Ethnic Quotas - 1	-0.01 (-0.19)	0.06 (2.01)*	0.04 (0.47)	0.03 (0.55)
Gender Quotas - 1	0.00 (-0.05)	-0.04 (-1.71)		
Gender Quotas - 2	0.01 (0.16)	-0.03 (-1.48)		
Gender Quotas - 3	0.01 (0.13)	-0.02 (-1.15)		
Gender Quotas - 4	0.04 (0.47)	0.02 (0.44)		
Population (log)	0.16 (8.71)*	-0.01 (-2.82)*	-0.01 (-0.64)	-0.01 (-1.15)
Lexical index	0.00 (0.15)	0.00 (-1.32)	0.01 (1.08)	0.02 (1.53)
Selection Rule - 2	-0.15 (-1.19)	-0.01 (-0.36)	-0.21 (-4.01)*	-0.13 (-1.43)
Selection Rule - 3	-0.10 (-0.65)	-0.04 (-2.03)*	-0.36 (-4.93)*	-0.17 (-1.09)
Selection Rule - 4	-0.53 (-0.98)	-0.01 (-0.21)	-0.21 (-4.87)*	-0.04 (-0.47)
GDP per capita (log)	0.04 (1.47)	0.01 (1.84)	-0.07 (-3.14)*	-0.05 (-1.32)
Gini index	-0.01 (-2.98)*	0.00 (-0.61)	0.00 (0.86)	0.00 (0.45)
Body size (log)		0.03 (2.58)*	0.00 (0.04)	0.06 (9.28)*
SD(Elevation)			0.09 (1.70)	
Selection Rule - 5			-0.24 (-3.72)*	-0.09 (-0.79)
Selection Rule - 6			-0.24 (-6.37)*	-0.07 (-0.70)
Adjusted R-squared	0.96	0.46	0.30	0.34
Observations	1084	1084	1859	1859
Countries	156	156	134	134
Weak instruments		453.82*		33.18*
Wu- Hausman		0.27		17.16*