**Fishy MIDs Codebook**

UNITS:

ccode1, ccode2 – COW dyadic country codes

name1, name2 – Written dyad names

year – years 1950 to 2023

DV:  
fishy\_mid – (binary) 1 if fishy MID present in the dyad-year

ALL OTHER IVs:

*From ‘[peacesciencer](https://cran.r-project.org/web/packages/peacesciencer/peacesciencer.pdf)’ package:*

capdist: “Capital-to-capital” distance. The capitals are coded in the cow\_capitals and gw\_capitals data frames, along with their latitudes and longitudes. The distance variable that emerges capdist is calculated using the "Vincenty" method (i.e. "as the crow flies") and is expressed in kilometers.

conttype: Contiguity. The contiguity codes in the dyad-year data range from 0 to 5. 1 = direct land contiguity. 2 = separated by 12 miles of water or fewer (a la Stannis Baratheon). 3 = separated by 24 miles of water or fewer (but more than 12 miles). 4 = separated by 150 miles of water or fewer (but more than 24 miles). 5 = separated by 400 miles of water or fewer (but more than 150 miles).

*Mutual Defensive Allies*

atop\_defense: whether there was an alliance with a defense pledge in time of crisis.

atop\_offense: whether there was an alliance with an offense pledge in time of crisis.

atop\_neutral: whether there was an alliance with a neutrality pledge in time of crisis.

atop\_nonagg: whether there was an alliance with a non-aggression pledge in time of crisis.

atop\_consul: whether there was an alliance with a pledge for consultation in time of crisis.

*Dyadic Defense Pact*

cow\_defense: a numeric vector that equals 1 if the alliance included a defense pledge

cow\_neutral: a numeric vector that equals 1 if the alliance included a neutrality pledge

cow\_nonagg: a numeric vector that equals 1 if the alliance included a non-aggression pledge

cow\_entente: a numeric vector that equals 1 if the alliance included a pledge to consult if a crisis occurred

*Capability Share (for ccode1 and ccode2)*

milex: an estimate of military expenditures (in thousands). See details section for more.

milper: an estimate of the size of military personnel (in thousands) for the state

irst: an estimate of iron and steel production (in thousands of tons)

pec: an estimate of primary energy consumption (thousands of coal-ton equivalents)

tpop: an estimate of the total population size of the state (in thousands)

upop: an estimate of the urban population size of the state (in thousands). See details section for

more.

cinc: The Composite Index of National Capability ("CINC") score. See details section for more.

*Major Power (for ccode1 and ccode2)*

cowmaj1: ccode 1 (binary) 1 = is a major power. 0 = is not a major

cowmaj2: ccode2 (binary) 1 = is a major power. 0 = is not a major power

*Democracy (for ccode1 and ccode2)*

v2x\_polyarchy: the Varieties of Democracy "polyarchy" estimate

polity2: the polity2 score from the Polity project

xm\_qudsest: an extension of the Unified Democracy Scores (UDS) estimates, made possibly by the QuickUDS package from Xavier Marquez.

*Trade (for ccode1 and ccode2) (rounded to three decimal points)*

flow1: imports of ccode1 from ccode2, in current million USD

flow2: imports of ccode2 from ccode1, in current million USD

smoothflow1: smoothed flow1 values

smoothflow2: smoothed flow2 values

*Fractionalization*

ethfrac: an estimate of the ethnic fractionalization index.

ethpol: an estimate of the ethnic polarization index.

relfrac: an estimate of the religious fractionalization index.

relpol: an estimate of the religious polarization index.

*Foreign Policy Similarity*

The FPSIM data set provides measures of foreign policy similarity of dyads based on alliance ties (Correlates of War, version 4.1) and UN General Assembly voting (Voeten, version 17) for all members of the Correlates of War state system. The alliance data cover the time period from 1816 to 2012, and the UN voting data from 1946 to 2015. The similarity measures include various versions of Ritter and Signorino’s S (weighted/non-weighted by material capabilities; squared/absolute distance metrics) as well as the chance-corrected measures Cohen’s (1960) kappa and Scott’s (1955) pi. The measures based on alliance data come in two versions: one is based on valued alliance ties and the other is based on binary alliance ties.

taub: Tau-b (valued alliance data)

srsvas: unweighted S (squared distances, valued alliance data)

srswvas: weighted S (squared distances, valued alliance data)

srsvaa: unweighted S (absolute distances, valued alliance data)

srswvaa: weighted S (absolute distances, valued alliance data)

kappava: Kappa (squared distances, valued alliance data)

piva: Pi (squared distances, valued alliance data)

srsba: Unweighted S (binary alliance data)

srswba: Weighted S (binary alliance data)

kappaba: Kappa (binary alliance data)

piba: Pi denominator (binary alliance data)

srsvvs: Unweighted S (squared distances, valued UN voting data)

srsvva: Unweighted S (absolute distances, valued UN voting data)

kappavv: Kappa (squared distances, valued UN voting data)

pivv: Pi (squared distances, valued UN voting data)

*IGOs*

dyadigos: the sum of mutual IGOs for which each state appears as a full member in a given year

*GDP (for ccode1 and ccode2)*

wbgdp2011est: a numeric vector for the estimated natural log of GDP in 2011 USD (log transformed)

wbpopest: a numeric vector for the estimated population size (log-transformed)

sdpest: a numeric vector for the estimated surplus domestic product (log-transformed)

wbgdppc2011est: a numeric vector for the estimated GDP per capita (log-transformed)

*Strategic Rivalry*

rivalryno: a numeric vector for the rivalry number

rivalryname: a character vector for the rivalry name

styear: a numeric vector for the start year of the rivalry

endyear: a numeric vector for the end year of the rivalry

region: a **character** vector for the region of the rivalry, per thompson and dreyer (2012)

type1: a **character** vector for the primary type of the rivalry (spatial, positional, ideological, or interventionary)

type2: a **character** vector for the secondary type of the rivalry, if applicable (spatial, positional, ideological, or interventionary)

type3: a **character** vector for the tertiary type of the rivalry, if applicable (spatial, positional, ideological, or interventionary)

*World Bank Worldwide Governance Indicators (only merged on ccode1 – can merge on ccode2)*

Rule of law captures perceptions of the extent to which agents have confidence in and abide by the rules of society, and in particular the quality of contract enforcement, property rights, the police, and the courts, as well as the likelihood of crime and violence.

rol\_est

rol\_percentile

Control of corruption captures perceptions of the extent to which public power is exercised for private gain, including both petty and grand forms of corruption, as well as "capture" of the state by elites and private interests.

corruption\_est

corruption\_percentile

Government effectiveness captures perceptions of the quality of public services, the quality of the civil service and the degree of its independence from political pressures, the quality of policy formulation and implementation, and the credibility of the government's commitment to such policies

goveffect\_upper90

goveffect\_lower90

Voice and accountability captures perceptions of the extent to which a country's citizens are able to participate in selecting their government, as well as freedom of expression, freedom of association, and a free media.

voiceaccount\_upper90

voiceaccount\_lower90

Political Stability and Absence of Violence/Terrorism measures perceptions of the likelihood of political instability and/or politicallymotivated violence, including terrorism.

polstability\_est

polstability\_percentile

Regulatory quality captures perceptions of the ability of the government to formulate and implement sound policies and regulations that permit and promote private sector development.

regqual\_lower90

regqual\_upper90

*Naval Power Data (only merged on ccode1 – can merge on ccode2)*

Totton\_CS: Aggregated tonnage of the active ships

tonn\_prop\_CS: State’s proportion of tonnage in the system total. This measure allows one to assess relative naval strength in a given year and, under certain assumptions, over time. As a state develops a larger navy in relation to other states, this number will rise.

Count of specific vessel types:

Battleship\_CS

DieselSub\_CS

NukeAttSub\_CS

BalSub\_CS

AircraftCarrier\_CS

region\_CS Region Code

region\_prop\_CS State’s proportion of tonnage in the region total

See Capability Share variable above:

irst\_CS

milex\_CS

milper\_CS

pec\_CS

tpop\_CS

upop\_CS

cinc\_CS

*ICOW Territorial Claims*

claim\_icow: Number of claim. An ICOW code number assigned to each claim to Identify it (0-999 represent territorial claims, 1000-1999 represent river claims, 2000 and higher represent maritime claims).

icowsal\_icow: Categorical version of the ICOW salience index. As with Icowsal, note that this variable in the summary data sets only reflects the maximum salience value at any time during the claim; there may be periods or dyads with lower salience values while the claim was ongoing. 1: Low salience (Icowsal values from 0-4) 2: Moderate salience (Icowsal values from 4.5-7.5) 3: High salience (Icowsal values from 8-12)

attbilat\_icow: Total number of bilateral settlement attempts that occurred over this claim.

att3non\_icow: Total number of non-binding settlement attempts (good offices, inquiry or conciliation, mediation, multilateral negotiations, or "other") that occurred over this claim.

att3bind\_icow: Total number of binding settlement attempts (arbitration, adjudication, or peace conference) that occurred over this claim

midissyr\_icow: Dummy variable indicating whether or not at least one militarized dispute over this specific issue began this year. 1: Yes 11 0: No

recno5\_icow: Total number of unsuccessful peaceful settlement attempts between these two actors over this claim in the past five years. "Peaceful settlement attempts" include all rounds of bilateral negotiations, non-binding third party activities (good offices, inquiry, conciliation, mediation, or multilateral negotiations), and binding third party activities (arbitration or adjudication). "Unsuccessful" attempts are those that did not produce an agreement at their end, or that did produce an agreement that at least one of the participants failed to ratify or carry out.

recyes5\_icow: Total number of successful peace settlement attempts between these two actors over this claim in the past five years. "Successful" attempts are those that produced an agreement that was ratified (if relevant) and carried out by all participants.

recmid5\_icow: Total number of militarized disputes between these two actors over this claim in the past five years.

recwar5\_icow: Total number of full-scale COW wars between these two actors over this claim in the past five years.

recno15\_icow: Total number of unsuccessful peaceful settlement attempts between these two actors over this claim in the past fifteen years.

recyes15\_icow: Total number of successful peace settlement attempts between these two actors over this claim in the past fifteen years.

recmid15\_icow: Total number of militarized disputes between these two actors over this claim in the past fifteen years.

recwar15\_icow: Total number of full-scale COW wars between these two actors over this claim in the past fifteen years.