Codebook: Expert Views on Carbon Pricing in the Developing World

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Variables in dat_conjoint.csv.csv

Column	Variable	Description and Source
1	response_id	Unique ID for each survey respondent (source: authors)
2	loopmerge_id	Unique ID for each combination of conjoint profile characteristics (profile) (source: authors)
3	outcome	Outcome question {effective, feasible, propose} (source: authors)
4	contest_no	Count of respondent profile comparisons {1, 2, 3, 4, 5, 6} (source: authors)
5	profile	Conjoint profile index {1, 2} (source: authors)
6	selected_profile	Conjoint profile selected {0, 1} (source: authors)
7	instrument	Instrument in conjoint profile {Carbon tax, Emissions trading} (source: authors)
8	coverage	Coverage in conjoint profile {Narrow, Broad} (source: authors)
9	instrument	Instrument in conjoint profile {Green infrastructure, Compensate vulnerable, Compensate population} (source: authors)
10	cp_necessary	"For your country to transition to a low carbon economy, to what extent do you agree that carbon pricing is: Necessary" {Strongly disagree (1), Somewhat disagree (2), Neither agree nor disagree (3), Somewhat agree (4), Somewhat agree (5)} (source: authors)
11	cp_effective	"For your country to transition to a low carbon economy, to what extent do you agree that carbon pricing is: Effective" {Strongly disagree (1), Somewhat disagree (2), Neither agree nor disagree (3), Somewhat agree (4), Somewhat agree (5)} (source: authors)
12	cp_feasible	"For your country to transition to a low carbon economy, to what extent do you agree that carbon pricing is: Politically feasible" {Strongly disagree (1), Somewhat disagree (2), Neither agree nor disagree (3), Somewhat agree (4), Somewhat agree (5)} (source: authors)

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Column	Variable	Description and Source
13	cp_flawed	"For your country to transition to a low carbon economy, to what extent do you agree that carbon pricing is: A fundamentally flawed approach" {Strongly disagree (1), Somewhat disagree (2), Neither agree nor disagree (3), Somewhat agree (4), Somewhat agree (5)} (source: authors)
14	cp_support	Predicted value for first component of Principle Component Analysis of cp_necessary, cp_effective, cp_feasible, and cp_flawed (scaled and centered) (source: authors)
15	driver_domestic_international	"Is carbon pricing in your country driven mostly by domestic or international pressure?" {Mostly domestic pressure (-1), Both domestic and international sources equally (0), Mostly international pressure(1)} (source: authors)
16	driver_private_public	"Is carbon pricing in your country driven mostly by the private sector or the public?" {Mostly the public (-1), Both the private sector and the public equally (0), Mostly the private sector (1)}" (source: authors)
17	adaptation_mitigation	"Do political leaders in your country focus mostly on mitigating climate change or adapting to climate change?" {Mostly adapting to climate change (-1), Both mitigating and adapting to climate change equally (0), Mostly mitigating climate change (1)} (source: authors)
18	country	"Many questions below ask about "your country." Answer about the country where you have the most direct experience working on carbon pricing. Which country is that?" (source: authors)
19	v2x_polyarchy	Electoral democracy index (V-Dem Country-Year Dataset v14, 2024)
20	gdp_pc	Gross Domestic Product per capita, PPP (constant 2017 international $) (inverse hyperbolic sine transformed) (source: World Bank NY.GDP.MKTP.PP.KD, v2_47564)
21	oda	Net official development assistance received (constant 2021 US$) (World Bank DT.ODA.ODAT.KD, v2_74486)
22	pop	Country total population (source: World Bank SP.POP.TOTL, v2_84031)
23	oda_pc	Net official development assistance received per capita (derived from oda pop, inverse hyperbolic sine transformed)

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Column	Variable	Description and Source
24	cp_status_factor	Carbon pricing status {Not under consideration (0), Under consideration (1), Implemented or scheduled (2)} (source: World Bank Carbon Pricing Dashboard, accessed 6 April 2024)
24	tax_status_factor	Carbon tax status {Not under consideration (0), Under consideration (1), Implemented or scheduled (2)} (source: World Bank Carbon Pricing Dashboard, accessed 6 April 2024)
24	ets_status_factor	Emissions trading system status {Not under consideration (0), Under consideration (1), Implemented or scheduled (2)} (source: World Bank Carbon Pricing Dashboard, accessed 6 April 2024)
25	position	"Which of the following best describes your current position? If you are not currently employed, list your most recent position." {Academic & consultant, Civil society, Government, Intergovernmental agency, Private sector} (source: authors)
26	in_government	Whether the respondent is currently employed in government or not {0,1} (source: authors)
26	location	Whether the respondent resides in the country of their carbon pricing expertise {Inside country, Outside country}) (source: authors)
27	years_experience	"How many total years of professional experience do you have?" {1–10 years, 11–20 years, 21–30 years, More than 30 years} (source: authors)
28	gender	"How do you describe yourself?" {Male, Female, Non-binary/third gender, Prefer to self-describe} (source: authors)