Replication Data and Code for: "Foreign Aid and Soft Power: Great Power Competition in Africa in the Early 21st Century"

Code

_master.R is a master script that runs the entire analysis. To run the analysis, only the "github_file_path" parameter needs to be changed to point to the replication package directory.

Outputs

LaTeX tables and figures generated from the code are outputted to output/tables & output/figures. results.tex compiles the tables into one document

Data

Data is saved in .csv and .Rds formats. There are three datasets:

chinese_aid_projects
A dataset at the Chinese aid project level. Includes the following variables:

Variable	Description	Values
sector	Aid project sector	text
title	Title of the aid project	text
sample	Whether the project has enough geographic and temporal information to be included in the analysis sample	1 = True 0 = False
completed_near_china.pl10	Whether the project is within 30km of a completed Chinese aid project (using 2010 as the planned cut-off year)	1 = True 0 = False
planned_near_china.pl10	Whether the project is within 30km of a planned Chinese aid project (using 2010 as the planned cut-off year)	1 = True 0 = False

us_aid_projects
A dataset at the US aid project level. Includes the following variables:

Variable	Description	Values
sector	Aid project sector	text
title	Title of the aid project	text
sample	Whether the project has enough geographic and temporal information to be included in the analysis sample	1 = True 0 = False
completed_near_usaid.pl10	Whether the project is within 30km of a completed US aid project (using 2010 as the planned cut-off year)	1 = True 0 = False

planned_near_usaid.pl10	Whether the project is within 30km of a planned US aid project (using 2010 as the planned cut-off year)	1 = True 0 = False

afro_china_data

A dataset at the Afrobarometer survey level. Includes the following variables

Variable	Description	Values
afro.round	Afrobarometer round	Integer
iso	Country iso code	text
townvill	Town/Village name	text
location_id	Unique Location ID - constructed from lat, long and town name	Integer
sample_full	Whether the unit is included in the full analysis sample	1 = True 0 = False
sample_restricted	Whether the unit is included in the full analysis sample considering US projects	1 = True 0 = False
sample_restricted_uk	Whether the unit is included in the full analysis sample considering US and UK projects	1 = True 0 = False
age	Age of respondent	Integer
muslim	Whether the respondent identifies as Muslim	1 = True 0 = False
urban	Whether the respondent lives in an urban area	1 = True 0 = False
male	Whether the respondent is a male	1 = True 0 = False
distance_capital	Distance to the capital (in kilometers)	Numeric
educ_highest_complete	Highest education completed	Integer
educ_any_formal	Completed any formal education	1 = True 0 = False
pstYearGoneWithout_index	Index capturing the frequency with which respondents have gone without enough food to eat in the past year	Integer
leaderMember_index	Respondents is are active members or official leaders in any group	Integer
leaderMember_communityGroup	Respondent is part of a community group	1 = True 0 = False
leaderMember_religiousOrg	Respondent is part of a religious organization	1 = True 0 = False
ownership_index	Index of assets including radios, televisions, vehicles, and cell phones	Integer
howOftenUse_index	Index capturing the frequency with which respondents use a cell phone or the internet	Integer

have_job_pays_cash_income	Employed	1 = True 0 = False
in_leader_adm1	Whether the respondent lives in the administrative 1 region where the leader (eg, president) was born	1 = True 0 = False
riotsprotests_china_ before1stplanned_average	Number of protests within 30km before the first Chinese project was planned within the same radius (average annual)	Numeric
riotsprotests_china_ usaid_before1stplanned_average	Number of protests within 30km before the first Chinese or US project was planned within the same radius (average annual)	Numeric
china_influential_index	Believes China is influential (index)	Integer
china_positive_influence_index	Believes Chinese presence is positive (index)	Integer
china.most.influence	Believes Chinese model is most influential	1 = Agrees 0 = Disagrees
usa.most.influence	Believes US model is most influential	1 = Agrees 0 = Disagrees
china.best.dev.model	Believes Chinese model is best	1 = Agrees 0 = Disagrees
usa.best.dev.model	Believes US model is best	1 = Agrees 0 = Disagrees
lib_dem_val_index	Liberal democratic values (index)	Index
blvs_mult_parties_good	Believes multiple parties are good	1 = Agrees 0 = Disagrees
blvs_mult_parties_create_choice	Believes multiple parties create choice	1 = Agrees 0 = Disagrees
blvs_ctzn_should_join_any_cso	Believes citizens should join any CSO	1 = Agrees 0 = Disagrees
blvs_democ_best_system	Believes democracy is best system	1 = Agrees 0 = Disagrees
blvs_elec_good	Believes elections are good	1 = Agrees 0 = Disagrees
formcolnpower.most.influence	Believes former colonial power is most influential	1 = Agrees 0 = Disagrees
formcolnpower.best.dev.model	Believes former colonial power is best model	1 = Agrees 0 = Disagrees
posimage_chinesepeople	Positive image: Chinese people and culture	1 = Agrees 0 = Disagrees
posimage_businessinvetment	Positive image: Chinese business investment	1 = Agrees 0 = Disagrees
posimage_infordevinvetment	Positive image: Chinese infrastructure investment	1 = Agrees 0 = Disagrees
posimage_noninterference	Positive image: Chinese policy of non-interference	1 = Agrees 0 = Disagrees
posimage_supportinintlaffiars	Positive image: Chinese support in international affairs	1 = Agrees 0 = Disagrees
posimage_productcost	Positive image: Cost of Chinese products	1 = Agrees

		0 = Disagrees
negimage_cooperateundemocratic	Negative image: Chinese cooperation w/ undemocratic leaders	1 = Agrees 0 = Disagrees
negimage_chinesecitizenbehavior	Negative image: Behavior of Chinese citizens	1 = Agrees 0 = Disagrees
negimage_resourceextraction	Negative image: Chinese extraction of natural resources	1 = Agrees 0 = Disagrees
negimage_takingjobsbusiness	Negative image: Chinese firms taking local jobs and businesses	1 = Agrees 0 = Disagrees
negimage_landgrabbing	Negative image: Chinese land grabbing	1 = Agrees 0 = Disagrees
negimage_productquality	Negative image: Quality of Chinese products	1 = Agrees 0 = Disagrees
china_dontknow_index	Index of "Don't Know" to China related questions	Integer
usa.help.country	Believes US helps country	1 = Agrees 0 = Disagrees
china.help.country	Believes China helps country	1 = Agrees 0 = Disagrees
[completed, planned, implementing or noyeardata]_near_china.pl[08 or 09 or 10].[bin or count]	Chinese aid variables. *Type* The first part of the name defines the type – completed, planned, implementing (ie, active), or noyeardata (where the survey is near a project with no year information. *Planned Cut-Off* 08, 09, 10 define the planned cut-off year *Binary or Count* The last part of the variable defines whether the variable is binary or counts (the number of aid projects)	*If bin* 1 = True 0 = False *If count* numeric
[completed, planned, implementing or noyeardata]_near_usaid.[bin or count]	US aid variables. *Type* The first part of the name defines the type – completed, planned, implementing (ie, active), or noyeardata (where the survey is near a project with no year information. *Binary or Count* The last part of the variable defines whether the variable is binary or counts (the number of aid projects)	*If bin* 1 = True 0 = False *If count* numeric

Variables with "_splag" at the end are the spatial lag of the variable.