ONLINE APPENDIX

Rogue aid? An empirical analysis of China's aid allocation

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Contents

Online Appendix A: Construction of the dataset on China's project aid

We constructed our dataset on the number of China's aid projects completed based on two primary datasets: Bartke (1989) and Ministry of Commerce (1984-2007). The first source is Wolfgang Bartke's book "The Economic Aid of the PR China to Developing and Socialist Countries." It contains information from 2,500 news items on aid projects completed between 1956 and 1987 with detailed project descriptions. Most of them were collected from the Chinese press, with less than 10 percent originating from secondary sources (mainly from the recipient countries). The first completed aid project registered in the database was the construction of a textile mill in Thamaing (Burma) in 1956. Tanzania was the single most important recipient of Chinese economic aid between 1956 and 1987. The single most outstanding project was the construction of the Tanzania-Zambia railway line. The author "feels certain that no important project [in non-communist countries] has been excluded, especially since it was part of the PR China's promotion of its own image up until 1978 to draw full attention of its economic aid" (Bartke 1989: 5). However, concerning the coverage of certain communist recipient countries, the information on China's foreign aid in Bartke (1989) is incomplete. Therefore, we exclude Albania, Cuba, Mongolia, North Korea and Vietnam from the dataset. Medical groups (including acupuncture medical teams) were also excluded from the Bartke (1989) dataset to achieve better comparability with data from the China Commerce Yearbook (CCY) discussed below.

In those cases where no year of completion was registered, we estimate the year of completion by adding four years to the starting year of a project (48 cases) or by adding five years to the year of signature (6 cases). These values correspond to the average duration of a project after its signature or start. 8 of 528 projects had to be excluded from the analysis as information was neither provided on the year of signature, the start year, nor the year of completion of the project. We keep 35 projects that were under construction at the time the book was published. Projects in the planning stage, in turn, were not included in our combined dataset. The construction of the Tanzania-Zambia Railway is counted twice, as one project in Tanzania and one project in Zambia.

Second, we employ data on China's project aid from the Ministry of Commerce (1984-2009), which provides this information in the CCY and its predecessors – the Yearbook of China's Foreign Economic Relations and Trade, and the Almanac of China's Foreign Economic Relations and Trade. Data are collected by Hawkins et al. (2010) and available on the AidData webpage

(http://www.aiddata.org/research/china, accessed September 2010). The data cover the 1990-2005 period with the exception of 2002. The 1983-1989 period, as well as the year 2006, are not included in our analysis since the Ministry of Commerce (1984-2009) only provides information on whether or not an aid project was completed in a recipient country, without the possibility of deriving information on the number of projects per country. The first completed aid project recorded in the resulting dataset was the construction of a sporting complex in Jordan in 1990, and the last was the provision of teaching appliances, medical apparatus and agricultural machines to Colombia in 2005. Altogether, the CCY dataset consists of 304 aid projects provided to 97 developing countries (and Malta) over the 1990-2005 period. The resulting combined dataset on China's project aid thus includes 824 projects over the 1956-2006 period.

Online Appendix B: China's foreign aid to recipient countries (% of total)

Variable / Source / Time period	Completed aid projects (Bartke/CCY)					Amount (Bartke)			Amount (CIA)			Amount (OECD)		Medical staff (CCY)		Food aid (FAIS)		Amount (AidData)
	1	2	3	4	5	1	2	3	1	2	3	2	3	3	4	4	5	5
Afghanistan	1.1	3.3	0.5	0.0	0.0	2.8	3.3	0.0	2.8	1.5	0.0	1.9	0.0	0.0	0.0	0.0	0.0	.
Albania	N/A	N/A	N/A	0.0	0.6	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.0	0.0	0.0	0.0	.
Algeria	3.3	2.8	0.0	0.0	0.3	6.5	2.4	0.0	5.1	1.3	0.0	1.2	0.0	17.5	17.5	0.0	0.0	<0.1
Angola	.	0.0	0.5	0.0	0.6	.	0.0	0.1	.	0.0	1.4	0.0	1.8	0.0	0.0	0.0	0.0	1.4
Anguilla	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	.
Antigua and Barbuda	.	.	0.9	0.6	0.6	.	.	0.3	.	.	<0.1	.	0.2	0.0	0.0	0.0	0.0	.
Argentina	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	.
Armenia	.	.	.	0.0	0.3	.	.	.	.	.	.	.	.	.	0.0	0.0	0.0	.
Azerbaijan	.	.	.	0.0	0.0	.	.	.	.	.	.	.	.	.	0.0	0.0	0.0	.
Bangladesh	1.1	1.1	1.4	2.3	1.2	0.0	1.2	7.9	1.1	1.3	3.0	1.2	5.6	0.0	0.0	0.0	<0.1	.
Barbados	0.0	0.0	0.5	1.1	0.6	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	.
Belarus	.	.	.	0.0	0.3	.	.	.	.	.	.	.	.	.	0.0	0.0	0.0	.
Belize	.	.	0.0	0.0	0.0	.	.	0.6	.	.	0.0	.	0.0	0.0	0.0	0.0	0.0	.
Benin	0.0	1.1	1.8	2.8	3.4	0.0	1.7	2.0	0.0	1.3	0.7	1.4	<0.1	1.8	1.6	0.0	<0.1	0.0
Bhutan	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	<0.1	.
Bolivia	0.0	0.0	0.0	2.3	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	.
Bosnia and Herzegovina	.	.	.	0.0	0.0	.	.	.	.	.	.	.	.	.	0.0	0.0	0.0	.
Botswana	0.0	0.0	1.4	1.1	0.0	0.0	0.3	0.0	0.0	0.4	1.7	0.1	0.8	1.4	1.7	9.3	0.0	1.0
Brazil	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	.
Burkina Faso	0.0	1.7	2.8	2.3	0.0	0.0	0.3	2.1	0.0	1.5	0.5	1.6	1.3	1.3	1.3	1.6	0.0	0.0
Burundi	0.0	0.0	1.4	2.8	0.3	0.0	0.7	0.9	0.0	0.6	3.0	0.6	5.7	0.5	1.3	0.0	0.0	1.7
Cambodia	23.3	1.7	0.0	0.0	3.4	4.8	0.3	0.0	9.1	N/A	N/A	5.0	0.0	0.0	0.0	0.0	0.0	.
Cameroon	0.0	0.0	0.9	2.8	1.8	0.0	2.8	0.8	0.0	2.7	0.0	2.4	0.0	1.5	2.4	0.0	0.0	1.5
Cape Verde	.	0.0	0.9	0.6	1.2	.	0.8	0.0	.	0.4	<0.1	<0.1	1.9	0.4	0.5	0.9	<0.1	0.6
Central African Republic	0.0	0.0	0.5	0.0	0.3	0.4	0.3	0.1	0.4	0.2	0.9	0.0	1.3	1.4	0.4	0.0	<0.1	2.4
Chad	0.0	0.0	0.0	1.7	0.0	0.0	1.9	0.0	0.0	1.9	0.0	1.6	<0.1	0.1	0.8	0.0	<0.1	0.0
Chile	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	0.0	2.1	0.0	0.0	0.0	0.0	0.0	.
Colombia	0.0	0.0	0.5	0.0	0.6	0.0	0.0	0.5	0.0	0.0	2.9	0.0	0.0	0.0	0.0	0.0	0.0	.
Comoros	.	0.0	0.9	1.7	1.2	.	0.1	0.8	.	0.3	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.2
Congo	3.3	3.3	0.9	1.1	0.9	4.8	2.5	3.4	2.5	1.5	6.4	1.1	2.4	3.0	2.8	0.0	<0.1	2.6
Cook Islands	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	.
Costa Rica	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	.
Croatia	.	.	.	0.0	0.0	.	.	.	.	.	.	.	.	.	0.0	0.0	0.0	.
Cuba	N/A	N/A	N/A	1.7	1.5	N/A	N/A	N/A	N/A	N/A	N/A	0.0	0.0	0.0	0.0	0.0	<0.1	.
Dem. Rep. Congo	0.0	1.7	2.3	0.6	1.8	0.0	0.0	0.0	0.0	2.9	<0.1	3.1	0.0	2.6	2.4	0.0	0.0	0.2
Djibouti	.	0.0	0.9	0.6	3.1	.	0.0	1.5	.	0.0	2.1	0.0	1.5	0.4	0.4	0.0	0.0	0.8
Dominica	.	0.0	0.0	0.0	0.0	.	0.0	0.0	.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	.
Dominican Republic	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	.
East Timor	.	.	.	.	0.0	.	.	.	.	.	.	.	.	.	.	.	0.0	.
Ecuador	0.0	0.0	0.0	2.8	0.3	0.0	0.0	0.1	0.0	0.0	0.4	0.0	0.6	0.0	0.0	0.0	0.0	.
Egypt	0.0	0.0	0.9	0.0	0.6	0.6	3.0	0.0	10.2	0.8	6.7	0.8	4.2	0.0	0.0	0.0	0.0	0.2
El Salvador	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	.
Equatorial Guinea	0.0	2.2	1.4	2.8	0.6	0.0	0.4	1.0	0.0	1.0	0.7	0.3	0.7	1.7	1.7	0.0	0.0	0.2
Eritrea	.	.	.	0.0	1.2	.	.	.	.	.	.	.	.	.	0.0	0.0	<0.1	0.6
Ethiopia	0.0	1.7	1.8	1.7	0.6	0.0	4.1	1.1	0.0	2.7	2.5	2.7	0.2	0.9	1.1	0.3	0.2	5.6
Fiji	.	0.0	0.9	1.7	0.9	.	0.0	0.1	.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	.
Gabon	0.0	0.6	0.5	0.6	1.2	0.0	0.3	0.8	0.0	0.6	0.0	0.8	0.0	1.5	2.0	0.0	0.0	0.5
Gambia	0.0	0.6	1.4	2.8	0.0	0.0	0.4	1.6	0.0	0.4	0.0	0.5	<0.1	1.8	1.9	0.0	0.0	0.0
Georgia	.	.	.	0.0	0.0	.	.	.	.	.	.	.	.	.	0.0	0.0	0.0	.
Ghana	1.1	1.1	1.8	2.3	0.9	4.4	0.0	1.0	4.1	0.0	0.0	0.0	1.2	0.0	0.0	0.0	0.0	5.1
Grenada	.	0.0	0.0	0.0	0.0	.	0.0	<0.1	.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	.
Guatemala	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	<0.1	.
Guinea	6.7	3.9	1.4	2.8	2.2	6.7	1.1	2.7	6.6	0.4	3.0	1.6	3.7	2.2	1.6	0.0	0.1	1.2
Guinea-Bissau	.	0.0	0.0	0.0	0.6	.	0.1	0.3	.	0.4	0.0	0.5	0.0	1.5	0.0	29.6	0.5	0.7
Guyana	0.0	1.7	0.5	0.6	0.9	0.0	2.2	0.6	0.0	1.0	0.2	1.1	0.2	0.0	0.2	0.0	0.0	.
Haiti	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	.
Honduras	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	<0.1	0.0	0.0	0.0	0.0	0.0	.
India	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	.
Indonesia	0.0	0.0	0.0	0.0	0.3	1.3	0.0	0.0	4.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	.
Iran	0.0	0.0	0.0	0.0	0.0	0.0	0.0	<0.1	0.0	0.0	0.0	<0.1	0.0	0.0	0.0	0.0	0.0	.

Online Appendix B (continued): China's foreign aid to recipient countries (% of total)

Variable / Source / Time period	Completed aid projects (Bartke/CCY)					Amount (Bartke)			Amount (CIA)			Amount (OECD)		Medical staff (CCY)		Food aid (FAIS)		Amount (AidData)
	1	2	3	4	5	1	2	3	1	2	3	2	3	3	4	4	5	5
Iraq	0.0	0.6	1.8	0.0	0.0	0.0	1.4	6.3	0.0	1.4	0.0	1.3	0.0	0.0	0.0	0.0	0.0	.
Ivory Coast	0.0	0.0	0.0	0.0	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.1
Jamaica	0.0	0.0	0.0	0.0	0.3	0.0	0.3	0.0	0.0	0.3	0.0	0.3	0.0	0.0	0.0	0.0	0.0	.
Jordan	0.0	0.0	0.5	0.6	0.9	0.0	0.0	0.8	0.0	0.0	2.3	0.0	0.0	0.0	0.0	0.0	0.0	.
Kazakhstan	.	.	.	0.0	0.6	.	.	.	.	.	.	.	.	.	0.0	0.0	0.0	.
Kenya	1.1	0.0	1.4	1.1	0.3	1.9	0.0	2.7	1.8	0.0	3.2	<0.1	5.1	0.0	0.0	0.0	0.0	3.8
Kiribati	.	.	.	.	0.0	.	.	.	.	.	.	.	.	.	.	.	0.0	.
Korea, Dem. Rep.	N/A	N/A	N/A	0.6	0.6	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.0	0.0	0.0	96.8	.
Kyrgyzstan	.	.	.	0.0	0.0	.	.	.	.	.	.	.	.	.	0.0	0.0	0.0	.
Laos	1.1	5.6	0.5	0.6	1.5	1.1	1.7	0.0	0.0	N/A	N/A	0.8	0.0	0.0	0.0	0.0	<0.1	.
Lebanon	0.0	0.0	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	<0.1	0.0	0.0	0.0	0.0	.
Lesotho	0.0	0.0	0.9	0.0	0.9	0.0	0.0	0.1	0.0	0.0	0.5	0.0	0.5	0.0	0.0	3.1	0.0	1.1
Liberia	0.0	0.6	2.3	0.0	0.0	0.0	0.9	2.7	0.0	0.5	2.8	0.5	4.9	1.0	0.0	0.0	1.1	1.5
Libya	0.0	0.0	0.5	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	1.6	0.0	0.0	0.0	0.0
Macedonia	.	.	.	0.0	0.3	.	.	.	.	.	.	.	.	.	0.0	0.0	0.0	.
Madagascar	0.0	1.7	3.2	0.0	1.5	0.0	1.2	3.1	0.0	2.2	0.0	1.9	4.0	2.4	2.5	0.0	<0.1	1.2
Malawi	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	<0.1	0.0
Malaysia	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	<0.1	0.0	0.0	0.0	0.0	0.0	.
Maldives	0.0	0.6	0.0	1.1	0.6	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	.
Mali	12.2	5.0	2.3	0.6	1.8	3.7	1.1	3.2	5.2	0.6	0.4	1.5	1.7	2.6	2.8	0.0	<0.1	0.3
Marshall Islands	.	.	.	1.1	0.0	.	.	.	.	.	.	.	.	.	0.0	0.0	0.0	.
Mauritania	1.1	5.0	3.2	3.4	1.2	0.4	1.4	3.6	0.4	2.2	1.1	2.3	3.8	2.9	2.4	7.6	0.1	3.4
Mauritius	0.0	0.6	0.9	2.3	0.6	0.0	1.2	1.2	0.0	1.1	0.0	1.1	1.0	0.0	0.0	0.0	0.0	4.2
Mayotte	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	.
Mexico	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	<0.1	0.0	0.0	0.0	0.0	.
Micronesia	.	.	.	0.0	0.0	.	.	.	.	.	.	.	.	.	0.0	0.0	0.0	.
Moldova	.	.	.	0.0	0.6	.	.	.	.	.	.	.	.	.	0.0	0.0	0.0	.
Mongolia	N/A	N/A	N/A	0.0	3.7	N/A	N/A	N/A	N/A	N/A	N/A	0.0	0.0	0.0	0.0	13.7	<0.1	.
Montserrat	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	.
Morocco	0.0	0.0	0.9	0.6	0.3	0.0	0.9	0.0	0.0	1.2	<0.1	0.8	0.0	5.1	6.8	0.0	<0.1	0.4
Mozambique	.	0.0	1.4	1.1	1.2	.	0.4	0.3	.	0.3	1.4	1.9	1.4	1.3	0.8	9.3	<0.1	2.9
Myanmar	5.6	1.1	1.8	1.1	0.9	16.2	0.0	6.7	2.7	2.5	8.9	<0.1	10.2	0.0	0.0	0.0	0.3	.
Namibia	.	0.0	0.0	1.7	1.8	.	0.0	0.0	.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.5
Nauru	.	.	.	.	0.0	.	.	.	.	.	.	.	.	.	.	.	0.0	.
Nepal	5.6	4.4	4.6	2.3	2.5	7.0	1.3	1.0	6.4	3.7	3.4	4.3	2.8	0.0	0.0	0.0	<0.1	.
Nicaragua	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.0	0.0	0.0	0.0	.
Niger	0.0	0.6	2.8	0.6	3.4	0.0	0.9	0.5	0.0	1.4	0.3	1.7	0.7	2.3	1.3	0.0	<0.1	1.5
Nigeria	0.0	0.6	1.8	0.0	0.0	0.0	0.1	1.1	0.0	0.0	0.0	<0.1	0.0	0.0	0.0	0.0	0.0	16.5
Niue	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	.
Oman	.	0.0	0.0	1.1	0.0	.	0.0	0.0	.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	.
Pakistan	2.2	5.0	4.1	0.0	0.9	13.9	12.4	2.5	14.5	11.9	9.5	9.8	2.4	0.0	0.0	1.5	<0.1	.
Palau	.	.	.	0.0	0.0	.	.	.	.	.	.	.	.	.	0.0	0.0	0.0	.
Palestinian territories	.	.	.	0.0	0.3	.	.	.	.	.	.	.	.	.	0.0	0.0	0.0	.
Panama	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	.
Papua New Guinea	.	0.0	0.0	1.1	1.2	.	0.0	0.9	.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	.
Paraguay	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	.
Peru	0.0	0.0	0.0	0.6	0.6	0.0	1.6	0.9	0.0	1.3	0.0	1.3	0.0	0.0	0.0	0.0	0.0	.
Philippines	0.0	0.0	0.5	0.0	0.3	0.0	0.0	0.8	0.0	0.0	2.1	<0.1	0.0	0.0	0.0	0.0	0.0	.
Rwanda	0.0	1.7	2.8	0.0	3.1	0.0	1.3	0.0	0.0	1.3	0.0	0.7	0.0	0.7	0.9	0.0	<0.1	1.3
Saint Kitts and Nevis	.	.	0.0	0.0	0.0	.	.	0.0	.	.	0.0	.	0.0	0.0	0.0	0.0	0.0	.
Saint Lucia	.	.	0.0	0.0	0.0	.	.	0.0	.	.	0.0	.	0.0	0.0	0.0	0.0	0.0	.
Saint Vincent and the Gr.	.	.	0.0	0.0	0.0	.	.	0.0	.	.	0.0	.	0.0	0.0	0.0	0.0	0.0	.
Samoa	.	0.0	0.5	1.1	0.9	.	0.4	0.0	.	0.2	0.0	0.0	0.6	0.0	0.0	0.0	0.0	.
Sao Tome and Principe	.	0.6	0.0	1.1	0.0	.	0.3	1.2	.	0.4	<0.1	0.3	0.0	1.1	1.4	0.0	<0.1	0.0
Saudi Arabia	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	.
Senegal	0.0	0.6	3.7	2.3	0.0	0.0	0.7	0.7	0.0	1.5	<0.1	1.5	<0.1	1.6	1.6	0.0	<0.1	1.4
Serbia/Yugoslavia	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	N/A	N/A	N/A	0.0	0.0	0.0	0.0	0.0	0.0	.
Seychelles	.	0.0	0.5	1.7	1.5	.	0.1	0.7	.	<0.1	0.0	<0.1	0.4	0.3	0.5	0.0	0.0	<0.1
Sierra Leone	0.0	7.8	2.8	4.0	0.9	0.0	0.8	3.3	0.0	1.3	1.0	0.9	1.3	1.3	0.9	0.0	0.0	0.3
Solomon Islands	.	0.0	0.0	0.0	0.0	.	0.0	0.0	.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	.

Online Appendix B (continued): China's foreign aid to recipient countries (% of total)

| Variable | Completed aid projects | | | | | Amount | | | Amount | | | Amount | | Medical staff | | Food aid | | Amount |
| Source | (Bartke/CCY) | | | | | (Bartke) | | | (CIA) | | | (OECD) | | (CCY) | | (FAIS) | | (AidData) |
Time period	1	2	3	4	5	1	2	3	1	2	3	2	3	3	4	4	5	5.0
Somalia	2.2	2.8	5.1	0.0	0.0	2.4	5.1	1.3	2.3	3.8	0.9	4.3	0.0	2.5	0.4	0.0	0.0	0.2
South Africa	0.0	0.0	0.0	0.0	0.6	0.0	0.0	0.0	N/A	N/A	N/A	0.0	0.0	0.0	0.0	0.0	0.0	<0.1
Sri Lanka	2.2	2.8	2.3	4.0	1.5	4.6	3.0	2.3	4.0	4.8	<0.1	4.3	3.0	0.0	0.0	0.0	<0.1	.
St Helens	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	.
Sudan	0.0	2.2	1.8	5.1	2.5	0.0	4.3	2.4	0.0	2.6	5.6	2.5	10.1	2.7	2.7	0.0	<0.1	0.4
Suriname	.	0.0	0.0	0.6	0.6	.	0.0	1.4	.	0.0	0.7	0.0	0.0	0.0	0.0	0.0	0.0	.
Swaziland	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0
Syria	0.0	1.1	0.0	1.1	1.2	1.7	3.1	0.0	1.6	1.6	0.0	1.4	0.0	0.0	0.0	0.0	<0.1	.
Tajikistan	.	.	.	0.0	0.6	.	.	.	.	.	.	.	.	.	0.0	0.0	0.0	.
Tanzania	18.9	12.8	2.8	4.5	4.6	5.6	12.9	5.7	5.6	9.2	13.7	9.2	2.7	5.3	6.7	0.0	0.0	3.7
Thailand	0.0	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	.
Togo	0.0	1.7	1.4	0.6	1.2	0.0	1.7	1.0	0.0	1.4	0.0	1.4	0.0	1.7	1.9	0.0	0.0	0.5
Tokelau	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	.
Tonga	.	.	.	.	0.6	.	.	.	.	.	.	.	.	.	.	.	0.0	.
Trinidad and Tobago	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	.
Tunisia	0.0	0.0	1.4	1.1	0.6	0.0	1.3	2.2	0.0	2.4	0.0	1.5	0.0	3.0	4.6	0.0	0.0	0.1
Turkey	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	<0.1	0.0	0.0	0.0	0.0	0.0	.
Turkmenistan	.	.	.	0.0	0.9	.	.	.	.	.	.	.	.	.	0.0	0.0	0.0	.
Turks and Caicos Islands	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	.
Tuvalu	.	.	.	.	0.0	.	.	.	.	.	.	.	.	.	.	.	0.0	.
Uganda	0.0	2.2	1.4	0.6	1.2	1.5	0.0	1.3	1.5	0.5	0.0	0.0	0.1	1.2	1.1	0.0	<0.1	4.5
Ukraine	.	.	.	0.0	0.0	.	.	.	.	.	.	.	.	.	0.0	0.0	0.0	.
Uruguay	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	<0.1	0.0	0.0	0.0	0.0	0.0	.
Uzbekistan	.	.	.	0.0	1.5	.	.	.	.	.	.	.	.	.	0.0	0.0	0.0	.
Vanuatu	.	.	0.0	0.6	1.8	.	.	0.3	.	.	0.6	.	0.0	0.0	0.0	0.0	0.0	.
Venezuela	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	.
Vietnam	N/A	N/A	N/A	0.0	0.6	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.0	0.0	0.0	0.0	.
Wallis and Futuna	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	.
Yemen	7.8	2.8	4.6	1.7	0.6	5.3	1.9	0.6	5.8	1.7	0.0	1.8	0.0	14.8	15.9	0.0	<0.1	.
Zambia	0.0	1.7	2.8	1.7	2.8	2.3	6.3	1.3	1.6	8.9	0.9	8.7	1.4	2.1	2.1	9.4	<0.1	7.9
Zimbabwe	0.0	0.0	1.4	1.1	1.5	0.0	0.0	3.5	0.0	0.0	4.6	0.0	7.6	0.9	0.8	13.6	0.0	12.5

Notes: Each cell shows China's foreign aid to recipient countries as a share its total aid by aid indicator in phase *t*=1,2,3,4,5. All countries on the DAC list of aid recipients are covered. The maximum time period included is 1956-1969 for phase 1, 1970-1978 for phase 2, 1979-1989 for phase 3, 1990-1995 for phase 4, and 1996-2006 for phase 5. AidData only covers African recipient countries. See Section 3 and Online Appendix A for details.

Online Appendix C: Variables, sources and definitions

Variable	Description	Source
Dependent variables		
Aid projects (Bartke/CCY)	Number of aid projects completed in recipient country (% of total number of aid projects provided by donor), 1990-2005	Bartke (1989), Ministry of Commerce (1984-2009), Hawkins et al. (2010)
Aid amount (Bartke)	Aid provided to recipient country in constant 2000 US$ (% of total aid provided by donor), 1956-1987	Bartke (1989)
Aid amount (CIA)	Aid provided to recipient country in constant 2000 US$ (% of total aid provided by donor), 1956-1984	CIA (1975-1984)
Aid amount (OECD)	Aid provided to recipient country in constant 2000 US$ (% of total aid provided by donor), 1970-1985	OECD (1987)
Medical staff (CCY)	Number of medical staff dispatched to recipient country by the end of the year (% of total medical personnel provided by donor), 1983-1994	Ministry of Commerce (1984-2009)
Food aid (FAIS)	Food aid provided to recipient country in tons of grain equivalent (% of total food aid provided by donor), 1988-2006	Food Aid Information System (World Food Programme 2011)
Aid amount (AidData)	ODA provided to recipient country in constant 2000 US$ (African recipients only, % of total aid provided by donor), 2000-2006	AidData (Strange et al. 2013)
Control variables		
Distance	(log) Bilateral distance (weighted by populations of major cities)	CEPII (Mayer and Zignago 2006)
Population	(log) Total population, average	Penn World Tables version 7.1 (Heston et al. 2012)
GDP per capita	(log) GDP per capita (constant 2005 I$), average	Penn World Tables version 7.1 (Heston et al. 2012)
Disaster	(log) Number of people affected by disasters, average	EM-DAT (2010)
Taiwan recognition	1 if recipient country recognizes Taiwan, average	Rich (2009)
UNGA voting	UNGA voting alignment between donor and recipient, average	Voeten and Merdzanovic (2009)
Exports	(log) Exports to recipient country (constant 2000 US$), average	Correlates of War (Barbieri et al. 2009; Barbieri and Keshk 2012)
Governance and institutions		
Democracy	1 if the regime qualifies as democratic, average	Cheibub et al. (2010)
Voice	Index on voice and accountability ranging from -2.5 to 2.5 with higher values corresponding to better governance, average	Kaufmann et al. (2009)
Political stability	Index on political stability and absence of violence ranging from -2.5 to 2.5 with higher values corresponding to better governance, average	Kaufmann et al. (2009)
Government effectiveness	Index on government effectiveness ranging from -2.5 to 2.5 with higher values corresponding to better governance, average	Kaufmann et al. (2009)
Regulatory quality	Index on regulatory quality ranging from -2.5 to 2.5 with higher values corresponding to better governance, average	Kaufmann et al. (2009)
Control of corruption	Index on control of corruption ranging from -2.5 to 2.5 with higher values corresponding to better governance, average	Kaufmann et al. (2009)
Economic freedom	Index on economic freedom ranging from 0 (not free) to 10 (free), average	Gwartney et al. (2009)
Military dictatorship	1 if political regime of the recipient country is classified as a military dictatorship, average	UTIP (Hsu 2008)
Communist leadership	1 if the ruler is the communist party leader, average	Cheibub et al. (2010)
Natural resource endowment		
Oil production	(log) Oil production in millions of barrels per day, average	Humphreys (2005), BP (2010)
Oil production (BP only)	(log) Oil production in tonnes, average	BP (2010)
Oil dummy	1 if oil is produced in recipient country, average	BP (2010)
Oil reserves	(log) Oil reserves in barrels, average	BP (2010)
Gas production	(log) Gas production in tonnes oil equivalent, average	BP (2010)
Coal production	(log) Coal production in tonnes oil equivalent, average	BP (2010)
Diamond production	(log) Diamonds production in metric carats, average	Humphreys (2005)
Energy depletion	(log) Product of unit resource rents and physical quanitites of energy extracted, average	World Bank (http://data.worldbank.org/indicator)
Mineral depletion	(log) Product of unit resource rents and physical quanitites of minerals extracted, average	World Bank (http://data.worldbank.org/indicator)
Total fuel exports	(log) Total fuels exports of recipient country in constant 2000 US$, average	World Bank (http://data.worldbank.org/indicator)
Total OM exports	(log) Total ores and metals exports of recipient country in constant 2000 US$, average	World Bank (http://data.worldbank.org/indicator)
Total ARM exports	(log) Total agricultural raw materials exports of recipient country in constant 2000 US$, average	World Bank (http://data.worldbank.org/indicator)
Bilateral fuel imports	(log) Bilateral fuels imports of donor country from recipient country in constant 2000 US$, average	UN Comtrade via WITS (http://wits.worldbank.org)
Bilateral OM imports	(log) Bilateral ores and metals imports of donor country from recipient country in constant 2000 US$, average	UN Comtrade via WITS (http://wits.worldbank.org)
Bilateral ARM imports	(log) Bilateral agricultural raw materials imports of donor country from recipient country in constant 2000 US$, average	UN Comtrade via WITS (http://wits.worldbank.org)
Natural capital	(log) Natural capital in constant 2000 US$, average (values for 2000 and 2005)	World Bank (2010)

Notes:
- Values in current US$ have been transformed to constant 2000 US$ using US Consumer Price Indices from the World Bank (http://data.worldbank.org/indicator) and the Bureau of Labor Statistics (http://www.bls.gov/cpi/#tables)
- The value of 1 has been added to all trade and natural resource variables as well as to the number of people affected by disasters before taking logarithms
- Data on China's aid to Africa from Strange et al. (2013) has been downloaded from the dynamic database available at http://china.aiddata.org on October 15, 2013

Online Appendix D: Descriptive statistics

Variable	# obs	Mean	Std. Dev.	Min	Max
Dependent variables					
Aid projects (Bartke/CCY)	528	0.752	1.264	0.000	12.222
Aid amount (Bartke)	265	0.883	1.767	0.000	13.898
Aid amount (CIA)	261	0.897	1.963	0.000	14.522
Aid amount (OECD)	198	0.887	1.706	0.000	10.126
Medical staff (CCY)	234	0.739	2.122	0.000	17.940
Food aid (FAIS)	263	0.391	2.427	0.000	29.551
Aid amount to Africa (AidData)	52	1.837	3.635	0.000	20.450
Control variables					
Distance	528	9.150	0.488	7.486	9.858
Population	528	15.374	1.869	9.870	20.738
GDP per capita	528	7.761	0.999	5.342	10.203
Disaster	528	8.703	4.342	0.000	18.011
Taiwan recognition	528	0.220	0.379	0.000	1.000
UNGA voting	528	0.701	0.193	0.183	0.920
Exports	528	15.803	3.969	0.000	22.548
Governance and institutions					
Democracy	528	0.340	0.442	0.000	1.000
Voice	131	-0.426	0.788	-1.842	1.267
Political stability	131	-0.411	0.875	-2.556	1.365
Government effectiveness	131	-0.480	0.601	-1.987	1.283
Regulatory quality	131	-0.457	0.710	-2.402	1.397
Control of corruption	131	-0.466	0.618	-1.673	1.362
Economic freedom	278	5.506	0.924	3.051	7.494
Military dictatorship	431	0.160	0.327	0.000	1.000
Communist leadership	528	0.185	0.127	0.000	1.000
Natural resource endowment					
Oil production	528	4.429	5.753	0.000	16.070
Oil production (BP only)	528	4.311	7.339	0.000	19.951
Oil dummy	528	0.259	0.439	0.000	1.000
Oil reserves	363	5.431	9.584	0.000	26.294
Gas production	461	3.123	6.303	0.000	18.083
Coal production	367	1.640	4.864	0.000	18.736
Diamond production	441	2.014	4.852	0.000	16.889
Energy depletion	428	9.890	10.037	0.000	25.147
Mineral depletion	428	8.935	8.875	0.000	22.426
Total fuel exports	415	20.349	6.413	0.000	30.381
Total OM exports	424	21.205	3.948	0.000	27.636
Total ARM exports	427	21.773	3.068	0.000	27.162
Bilateral fuel imports	120	21.863	4.107	11.698	28.539
Bilateral OM imports	236	13.837	3.410	0.661	21.052
Bilateral ARM imports	276	12.749	4.882	0.000	20.447
Natural capital	197	24.232	2.222	13.915	28.788

Note:

- Descriptive statistics for sample as in Table 1, column 1 (phases 1-5)

Online Appendix E: Five phases of China's aid program (robustness checks)

	(1) Aid projects (Bartke/CCY) baseline	(2) Aid projects (Bartke/CCY) min	(3) Aid projects (Bartke/CCY) max	(4) Aid projects (Bartke/CCY) imputed	(5) Aid projects (Bartke/CCY) imports	(6) Aid projects (Bartke/CCY) w/o India	(7) Aid projects (Bartke/CCY) w/o BIIS
Distance							
1st phase	-0.046	-0.046	-0.024	-0.090	-0.343	-0.009	-0.075
(1956-1969)	(0.835)	(0.835)	(0.814)	(0.684)	(0.421)	(0.963)	(0.801)
	0.975	*0.975*	*0.859*	*0.579*	*0.459*	*0.828*	*0.969*
2nd phase	-0.242	-0.078	-0.252**	-0.071	-0.267*	-0.208	-0.228
(1970-1978)	(0.115)	(0.693)	(0.048)	(0.720)	(0.060)	(0.170)	(0.167)
	0.336	*0.920*	*0.205*	*0.565*	*0.180*	*0.436*	*0.418*
3rd phase	0.132	0.123	-0.085	0.061	0.087	0.126	0.147
(1979-1989)	(0.409)	(0.378)	(0.757)	(0.706)	(0.589)	(0.419)	(0.368)
	0.319	*0.327*	*0.891*	*0.997*	*0.608*	*0.317*	*0.272*
4th phase	0.324*	0.324*	0.324*	0.344**	0.347*	0.323*	0.339**
(1990-1995)	(0.055)	(0.055)	(0.055)	(0.030)	(0.059)	(0.056)	(0.049)
	0.048	*0.048*	*0.048*	*0.144*	*0.083*	*0.047*	*0.040*
5th phase	-0.054	-0.054	-0.054	0.062	-0.012	-0.057	-0.062
(1996-2006)	(0.692)	(0.692)	(0.692)	(0.670)	(0.932)	(0.669)	(0.649)
Population							
1st phase	-0.229	-0.229	-0.106	0.020	-0.084	-0.184	-0.169
(1956-1969)	(0.423)	(0.423)	(0.416)	(0.862)	(0.431)	(0.491)	(0.461)
	0.664	*0.664*	*0.097*	*0.036*	*0.085*	*0.547*	*0.456*
2nd phase	-0.061	-0.098	0.005	-0.021	-0.089	-0.051	-0.056
(1970-1978)	(0.178)	(0.156)	(0.925)	(0.768)	(0.328)	(0.233)	(0.244)
	0.000	*0.009*	*0.000*	*0.043*	*0.047*	*0.000*	*0.001*
3rd phase	-0.100	-0.102*	0.191	-0.015	-0.146	-0.095	-0.075
(1979-1989)	(0.106)	(0.059)	(0.207)	(0.891)	(0.121)	(0.124)	(0.252)
	0.005	*0.003*	*0.001*	*0.092*	*0.100*	*0.005*	*0.004*
4th phase	-0.248***	-0.248***	-0.248***	-0.204**	-0.210*	-0.246**	-0.245**
(1990-1995)	(0.008)	(0.008)	(0.008)	(0.032)	(0.055)	(0.011)	(0.014)
	0.302	*0.302*	*0.302*	*0.699*	*0.399*	*0.335*	*0.354*
5th phase	-0.358***	-0.358***	-0.358***	-0.251***	-0.316***	-0.352***	-0.352***
(1996-2006)	(0.000)	(0.000)	(0.000)	(0.010)	(0.000)	(0.000)	(0.000)
GDP per capita							
1st phase	-0.277	-0.277	-0.128	-0.355	0.036	-0.248	-0.287
(1956-1969)	(0.440)	(0.440)	(0.435)	(0.115)	(0.858)	(0.471)	(0.415)
	0.470	*0.470*	*0.024*	*0.848*	*0.024*	*0.413*	*0.471*
2nd phase	-0.320**	-0.593***	0.003	-0.432***	-0.365*	-0.313**	-0.374**
(1970-1978)	(0.013)	(0.001)	(0.983)	(0.007)	(0.073)	(0.014)	(0.012)
	0.137	*0.791*	*0.000*	*0.891*	*0.631*	*0.136*	*0.301*
3rd phase	-0.425***	-0.402***	-0.186	-0.370***	-0.475***	-0.427***	-0.418***
(1979-1989)	(0.000)	(0.000)	(0.363)	(0.009)	(0.000)	(0.000)	(0.000)
	0.355	*0.260*	*0.090*	*0.832*	*0.961*	*0.382*	*0.318*
4th phase	-0.474***	-0.474***	-0.474***	-0.432***	-0.426***	-0.476***	-0.483***
(1990-1995)	(0.000)	(0.000)	(0.000)	(0.001)	(0.002)	(0.000)	(0.000)
	0.598	*0.598*	*0.598*	*0.858*	*0.765*	*0.652*	*0.649*
5th phase	-0.541***	-0.541***	-0.542***	-0.406***	-0.468***	-0.535***	-0.546***
(1996-2006)	(0.000)	(0.000)	(0.000)	(0.000)	(0.000)	(0.000)	(0.000)
Disaster							
1st phase	0.031	0.031	0.014	0.007	0.016	0.028	0.030
(1956-1969)	(0.383)	(0.383)	(0.382)	(0.757)	(0.475)	(0.413)	(0.356)
	0.828	*0.828*	*0.437*	*0.105*	*0.483*	*0.728*	*0.805*
2nd phase	0.009	0.021	-0.002	0.022	0.008	0.010	0.012
(1970-1978)	(0.536)	(0.326)	(0.785)	(0.257)	(0.555)	(0.454)	(0.450)
	0.335	*0.596*	*0.175*	*0.227*	*0.309*	*0.323*	*0.395*
3rd phase	0.025	0.023	0.039	0.043*	0.027	0.024	0.025
(1979-1989)	(0.142)	(0.130)	(0.219)	(0.078)	(0.105)	(0.145)	(0.138)
	0.655	*0.611*	*0.960*	*0.520*	*0.687*	*0.610*	*0.673*
4th phase	-0.009	-0.009	-0.009	0.007	-0.010	-0.009	-0.009
(1990-1995)	(0.637)	(0.637)	(0.637)	(0.755)	(0.576)	(0.641)	(0.638)
	0.157	*0.157*	*0.157*	*0.106*	*0.138*	*0.146*	*0.166*
5th phase	0.042	0.042	0.042	0.070**	0.042	0.044	0.042
(1996-2006)	(0.181)	(0.181)	(0.181)	(0.035)	(0.167)	(0.164)	(0.191)
Democracy							
1st phase	0.002	0.002	0.000	-0.198	0.064	0.053	-0.009
(1956-1969)	(0.992)	(0.992)	(0.999)	(0.559)	(0.740)	(0.723)	(0.975)
	0.966	*0.966*	*0.961*	*0.813*	*0.630*	*0.802*	*0.919*
2nd phase	-0.051	-0.043	-0.192	-0.275	-0.053	0.093	0.084
(1970-1978)	(0.792)	(0.888)	(0.396)	(0.420)	(0.787)	(0.465)	(0.562)
	0.864	*0.921*	*0.477*	*0.668*	*0.985*	*0.648*	*0.774*
3rd phase	-0.738**	-0.612**	-2.261**	-1.166**	-0.745**	-0.672**	-0.737**
(1979-1989)	(0.036)	(0.046)	(0.011)	(0.022)	(0.032)	(0.045)	(0.034)
	0.063	*0.088*	*0.011*	*0.055*	*0.070*	*0.073*	*0.048*
4th phase	0.153	0.153	0.153	0.096	0.126	0.161	0.171
(1990-1995)	(0.357)	(0.357)	(0.357)	(0.588)	(0.519)	(0.334)	(0.316)
	0.414	*0.414*	*0.414*	*0.341*	*0.409*	*0.415*	*0.457*
5th phase	-0.009	-0.009	-0.009	-0.113	-0.048	-0.000	0.023
(1996-2006)	(0.955)	(0.955)	(0.955)	(0.532)	(0.754)	(0.998)	(0.882)

Online Appendix E (continued): Five phases of China's aid program (robustness checks)

	(1) Aid projects (Bartke/CCY) baseline	(2) Aid projects (Bartke/CCY) min	(3) Aid projects (Bartke/CCY) max	(4) Aid projects (Bartke/CCY) imputed	(5) Aid projects (Bartke/CCY) imports	(6) Aid projects (Bartke/CCY) w/o India	(7) Aid projects (Bartke/CCY) w/o BIIS
Taiwan recognition							
1st phase	-1.573	-1.573	-0.726	-0.938	-1.513	-1.308	-1.205
(1956-1969)	(0.424)	(0.424)	(0.418)	(0.331)	(0.189)	(0.479)	(0.426)
	0.239	*0.239*	*0.011*	*0.094*	*0.072*	*0.172*	*0.079*
2nd phase	0.060	-0.776	0.023	-0.816	0.028	0.094	0.035
(1970-1978)	(0.839)	(0.177)	(0.909)	(0.112)	(0.927)	(0.728)	(0.914)
	0.000	*0.005*	*0.000*	*0.025*	*0.000*	*0.000*	*0.000*
3rd phase	-16.794***	-14.742***	-26.846***	-2.523*	-16.694***	-16.568***	-17.410***
(1979-1989)	(0.000)	(0.000)	(0.000)	(0.082)	(0.000)	(0.000)	(0.000)
	0.000	*0.001*	*0.000*	*0.673*	*0.000*	*0.000*	*0.000*
4th phase	-1.982***	-1.982***	-1.983***	-2.016**	-1.963***	-2.000***	-2.069***
(1990-1995)	(0.001)	(0.001)	(0.001)	(0.015)	(0.001)	(0.001)	(0.001)
	0.040	*0.040*	*0.040*	*0.295*	*0.033*	*0.041*	*0.041*
5th phase	-4.146***	-4.146***	-4.147***	-3.260***	-4.214***	-4.149***	-4.468***
(1996-2006)	(0.000)	(0.000)	(0.000)	(0.001)	(0.000)	(0.000)	(0.000)
UNGA voting							
1st phase	4.140*	4.140*	1.909*	3.693**	3.440**	3.922	3.600*
(1956-1969)	(0.086)	(0.086)	(0.078)	(0.014)	(0.025)	(0.131)	(0.060)
	0.158	*0.158*	*0.321*	*0.154*	*0.091*	*0.216*	*0.142*
2nd phase	5.801***	3.927**	7.800***	6.033***	5.606***	5.567***	5.878***
(1970-1978)	(0.000)	(0.048)	(0.000)	(0.001)	(0.001)	(0.000)	(0.000)
	0.003	*0.110*	*0.003*	*0.017*	*0.004*	*0.003*	*0.003*
3rd phase	5.353***	5.609***	-7.523	3.250	5.458***	5.182***	5.072**
(1979-1989)	(0.007)	(0.001)	(0.183)	(0.291)	(0.006)	(0.010)	(0.017)
	0.014	*0.003*	*0.157*	*0.534*	*0.010*	*0.019*	*0.029*
4th phase	3.497***	3.497***	3.497***	3.388***	3.589***	3.529***	3.620***
(1990-1995)	(0.000)	(0.000)	(0.000)	(0.001)	(0.001)	(0.000)	(0.000)
	0.016	*0.016*	*0.016*	*0.128*	*0.015*	*0.016*	*0.015*
5th phase	0.523	0.523	0.523	1.343	0.347	0.531	0.518
(1996-2006)	(0.556)	(0.556)	(0.556)	(0.170)	(0.702)	(0.549)	(0.563)
Exports							
1st phase	-0.019*	-0.019*	-0.009*	0.021	0.015	-0.019*	-0.013
(1956-1969)	(0.063)	(0.063)	(0.064)	(0.425)	(0.695)	(0.065)	(0.373)
	0.002	*0.002*	*0.003*	*0.359*	*0.007*	*0.003*	*0.006*
2nd phase	0.006	0.013	-0.004	0.015	0.005	0.003	0.004
(1970-1978)	(0.593)	(0.512)	(0.598)	(0.491)	(0.656)	(0.799)	(0.755)
	0.007	*0.013*	*0.004*	*0.335*	*0.002*	*0.007*	*0.010*
3rd phase	0.134***	0.120***	0.016	0.073	0.126***	0.132***	0.140***
(1979-1989)	(0.003)	(0.001)	(0.674)	(0.157)	(0.005)	(0.003)	(0.002)
	0.625	*0.479*	*0.020*	*0.831*	*0.162*	*0.643*	*0.731*
4th phase	0.103	0.103	0.103	0.081	0.118	0.102	0.107
(1990-1995)	(0.114)	(0.114)	(0.114)	(0.176)	(0.117)	(0.121)	(0.113)
	0.415	*0.415*	*0.414*	*0.898*	*0.162*	*0.444*	*0.504*
5th phase	0.171***	0.171***	0.171***	0.093	0.249***	0.167***	0.166***
(1996-2006)	(0.005)	(0.005)	(0.005)	(0.244)	(0.002)	(0.006)	(0.007)
Oil production							
1st phase	0.035	0.035	0.016	-0.014	0.040	0.030	0.038
(1956-1969)	(0.407)	(0.407)	(0.400)	(0.644)	(0.180)	(0.447)	(0.383)
	0.431	*0.431*	*0.511*	*0.860*	*0.352*	*0.475*	*0.417*
2nd phase	-0.000	0.007	-0.018	-0.012	-0.001	0.004	0.008
(1970-1978)	(0.987)	(0.765)	(0.303)	(0.609)	(0.927)	(0.739)	(0.581)
	0.974	*0.787*	*0.414*	*0.894*	*0.656*	*0.820*	*0.713*
3rd phase	-0.023	-0.018	-0.055	-0.022	-0.024	-0.022	-0.021
(1979-1989)	(0.204)	(0.249)	(0.172)	(0.395)	(0.166)	(0.211)	(0.237)
	0.361	*0.453*	*0.161*	*0.653*	*0.165*	*0.366*	*0.389*
4th phase	0.012	0.012	0.012	0.008	0.015	0.012	0.012
(1990-1995)	(0.550)	(0.550)	(0.550)	(0.711)	(0.498)	(0.554)	(0.562)
	0.562	*0.562*	*0.562*	*0.479*	*0.775*	*0.569*	*0.588*
5th phase	-0.001	-0.001	-0.001	-0.009	0.009	-0.001	-0.000
(1996-2006)	(0.957)	(0.957)	(0.957)	(0.653)	(0.639)	(0.964)	(0.981)
Total imports							
1st phase					-0.265		
(1956-1969)					(0.285)		
					0.633		
2nd phase					0.033		
(1970-1978)					(0.695)		
					0.119		
3rd phase					0.050		
(1979-1989)					(0.484)		
					0.047		
4th phase					-0.060		
(1990-1995)					(0.610)		
					0.442		
5th phase					-0.143*		
(1996-2006)					(0.091)		
# observations	528	536	536	649	528	523	509
# countries	133	133	133	151	133	132	129

Notes: See Table 1. Column 6 excludes India and column 7 excludes Brazil, India, Indonesia and South Africa from the sample.

Online Appendix G: Comparison of China's aid allocation with DAC donors and other emerging donors (1996-2005): Baseline regression (all aid sectors)

	Distance	Population	GDP per capita	Disaster	Democracy	Taiwan recognition	UNGA voting	Exports	Oil production
China	-0.054	-0.358***	-0.542***	0.042	-0.009	-4.147***	0.523	0.171***	-0.001
	(0.692)	(0.000)	(0.000)	(0.181)	(0.955)	(0.000)	(0.556)	(0.005)	(0.957)
USA	-0.291**	0.121**	-0.231***	0.032	-0.055	-0.045	1.946***	0.100***	-0.018
	(0.016)	(0.043)	(0.001)	(0.184)	(0.587)	(0.709)	(0.000)	(0.009)	(0.138)
	0.180	*0.000*	*0.009*	*0.788*	*0.784*	*0.000*	*0.165*	*0.265*	*0.419*
EU-3	0.013	0.052*	-0.159***	0.030***	0.009	-0.028	0.006	0.149***	-0.021***
	(0.818)	(0.098)	(0.000)	(0.008)	(0.859)	(0.585)	(0.991)	(0.000)	(0.001)
	0.645	*0.000*	*0.000*	*0.693*	*0.911*	*0.000*	*0.603*	*0.702*	*0.274*
Good donors	0.100	0.133**	-0.103*	0.051*	-0.202	0.096	1.169	0.096***	-0.040***
	(0.271)	(0.010)	(0.060)	(0.068)	(0.155)	(0.440)	(0.164)	(0.000)	(0.004)
	0.318	*0.000*	*0.000*	*0.802*	*0.318*	*0.000*	*0.583*	*0.239*	*0.081*
Japan	-0.305***	0.023	-0.092**	0.029**	-0.003	0.141***	1.701***	0.081***	-0.007
	(0.000)	(0.487)	(0.023)	(0.040)	(0.949)	(0.007)	(0.002)	(0.001)	(0.262)
	0.084	*0.000*	*0.000*	*0.694*	*0.973*	*0.000*	*0.248*	*0.147*	*0.717*
Korea	-0.471***	0.017	-0.082	0.008	-0.002	0.205**	2.062**	0.050	0.004
	(0.000)	(0.691)	(0.113)	(0.580)	(0.968)	(0.035)	(0.018)	(0.116)	(0.666)
	0.002	*0.000*	*0.000*	*0.303*	*0.968*	*0.000*	*0.177*	*0.064*	*0.789*
Arab donors	-0.420***	0.053	-0.059	-0.045**	-0.126	0.326***	3.444***	0.012	-0.037
	(0.000)	(0.396)	(0.531)	(0.030)	(0.526)	(0.007)	(0.000)	(0.221)	(0.131)
	0.028	*0.000*	*0.000*	*0.012*	*0.636*	*0.000*	*0.020*	*0.009*	*0.234*
# observations	1829								
# countries	133								

Notes:

- Estimation technique: Fractional Logit with standard errors clustered by recipient country

- Dependent variable: Number of aid projects completed in recipient country (% of total number of aid projects provided by donor), 1996-2005

- The regression includes donor (group) dummies and all explanatory variables are interacted with these dummies

- We report marginal effects of the explanatory variables (corresponding z-values in parentheses)

- In italics: p-values of a Wald test of equal marginal effects of the respective donor (group) compared to China

- * (**, ***) indicates significance at the ten (five, one) percent level

Online Appendix H: Comparison of China's aid allocation with DAC donors and other emerging donors
(1996-2005): Baseline regression (sector-specific project duration)

	Distance	Population	GDP per capita	Disaster	Democracy	Taiwan recognition	UNGA voting	Exports	Oil production
China	-0.054	-0.358***	-0.542***	0.042	-0.009	-4.029***	0.523	0.171***	-0.001
	(0.692)	(0.000)	(0.000)	(0.181)	(0.955)	(0.000)	(0.556)	(0.005)	(0.957)
USA	-0.192	0.147**	-0.156**	0.011	-0.034	-0.006	1.441**	0.118***	-0.023**
	(0.128)	(0.021)	(0.029)	(0.724)	(0.765)	(0.964)	(0.022)	(0.009)	(0.035)
	0.440	*0.000*	*0.001*	*0.416*	*0.880*	*0.000*	*0.411*	*0.407*	*0.271*
EU-3	0.088*	0.050	-0.141***	0.026**	0.037	0.026	0.044	0.159***	-0.021***
	(0.092)	(0.111)	(0.000)	(0.033)	(0.510)	(0.601)	(0.940)	(0.000)	(0.001)
	0.322	*0.000*	*0.000*	*0.614*	*0.778*	*0.000*	*0.636*	*0.835*	*0.263*
Good donors	0.167**	0.115**	-0.119**	0.051*	-0.177	0.053	1.290	0.104***	-0.037***
	(0.033)	(0.029)	(0.018)	(0.091)	(0.191)	(0.580)	(0.106)	(0.000)	(0.003)
	0.129	*0.000*	*0.000*	*0.814*	*0.371*	*0.000*	*0.511*	*0.298*	*0.093*
Japan	-0.305***	0.004	-0.088**	0.031**	0.010	0.175***	1.591***	0.093***	-0.005
	(0.000)	(0.903)	(0.035)	(0.038)	(0.852)	(0.002)	(0.004)	(0.000)	(0.488)
	0.089	*0.000*	*0.000*	*0.736*	*0.905*	*0.000*	*0.297*	*0.217*	*0.830*
Korea	-0.436***	-0.005	-0.097**	0.000	-0.035	0.120	1.329	0.053*	0.014
	(0.000)	(0.866)	(0.029)	(0.975)	(0.602)	(0.209)	(0.191)	(0.062)	(0.175)
	0.009	*0.000*	*0.000*	*0.203*	*0.876*	*0.000*	*0.504*	*0.064*	*0.432*
Arab donors	-0.367***	0.043	-0.090	-0.047**	-0.052	0.324***	3.361***	0.013	-0.030
	(0.000)	(0.399)	(0.285)	(0.017)	(0.728)	(0.001)	(0.000)	(0.125)	(0.165)
	0.048	*0.000*	*0.000*	*0.008*	*0.832*	*0.000*	*0.022*	*0.009*	*0.280*
# observations	1829								
# countries	133								

Notes:

- Estimation technique: Fractional Logit with standard errors clustered by recipient country

- Dependent variable: Number of aid projects completed in recipient country (% of total number of aid projects provided by donor), 1996-2005

- The regression includes donor (group) dummies and all explanatory variables are interacted with these dummies

- We report marginal effects of the explanatory variables (corresponding z-values in parentheses)

- In italics: p-values of a Wald test of equal marginal effects of the respective donor (group) compared to China

- * (**, ***) indicates significance at the ten (five, one) percent level

Online Appendix I: Comparison of China's aid allocation with DAC donors and other emerging donors (1996-2005): Institutional quality

	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
			Political	Government	Regulatory	Control of	Economic	Military	Communist
	Democracy	Voice	stability	effectiveness	quality	corruption	freedom	dictatorship	leadership
China	-0.009	0.032	0.144	-0.125	0.065	-0.088	-0.036	0.453	0.128
	(0.955)	(0.805)	(0.200)	(0.470)	(0.704)	(0.582)	(0.702)	(0.153)	(0.679)
USA	-0.030	0.096	-0.002	0.093	0.196**	-0.078	0.464***	-0.765**	-0.339
	(0.790)	(0.172)	(0.977)	(0.342)	(0.038)	(0.382)	(0.000)	(0.013)	(0.261)
	0.899	*0.661*	*0.207*	*0.210*	*0.482*	*0.950*	*0.000*	*0.001*	*0.415*
EU-3	0.038	0.137***	0.053	0.143***	0.179***	0.038	0.192***	-0.121	-0.024
	(0.498)	(0.000)	(0.136)	(0.008)	(0.000)	(0.463)	(0.001)	(0.255)	(0.751)
	0.773	*0.447*	*0.436*	*0.115*	*0.496*	*0.416*	*0.029*	*0.038*	*0.670*
Good donors	-0.182	0.123*	0.103*	0.284***	0.201***	0.169**	0.189	-0.673**	0.290*
	(0.189)	(0.085)	(0.098)	(0.002)	(0.003)	(0.041)	(0.115)	(0.039)	(0.067)
	0.363	*0.547*	*0.756*	*0.027*	*0.462*	*0.125*	*0.123*	*0.000*	*0.706*
Japan	0.001	0.022	0.099**	0.152**	0.196***	0.131**	0.129**	0.157	0.233***
	(0.982)	(0.589)	(0.019)	(0.013)	(0.000)	(0.026)	(0.036)	(0.350)	(0.000)
	0.950	*0.941*	*0.706*	*0.123*	*0.444*	*0.180*	*0.083*	*0.367*	*0.761*
Korea	-0.035	-0.078*	0.017	-0.071	-0.048	-0.096	0.005	0.095	0.073
	(0.602)	(0.056)	(0.717)	(0.270)	(0.323)	(0.129)	(0.934)	(0.402)	(0.395)
	0.876	*0.410*	*0.286*	*0.761*	*0.508*	*0.962*	*0.699*	*0.276*	*0.861*
Arab donors	-0.037	-0.013	-0.118	-0.141	-0.068	-0.114	-0.174**	0.137	-0.269
	(0.801)	(0.882)	(0.217)	(0.246)	(0.440)	(0.268)	(0.022)	(0.288)	(0.335)
	0.890	*0.761*	*0.074*	*0.939*	*0.467*	*0.887*	*0.232*	*0.299*	*0.317*
# observations	1829	1808	1808	1808	1808	1808	1278	1429	1829
# countries	133	131	131	131	131	131	92	103	133
Log pseudolikelihood	-58.027	-57.823	-57.823	-57.738	-57.755	-57.819	-46.714	-47.941	-58.017
Wald chi2 (p value)	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	.
RESET (p value)	0.798	0.260	0.518	0.841	0.897	0.753	0.975	0.930	0.589

Notes:

- Estimation technique: Fractional Logit with standard errors clustered by recipient country

- Dependent variable: Number of aid projects completed in recipient country (% of total number of aid projects provided by donor), 1996-2005

- All regressions include donor (group) dummies and all explanatory variables are interacted with these dummies

- All regressions include the same control variables as in Table 2 (Distance, Population, GDP per capita, Disaster, Taiwan recognition, UNGA voting, Exports, and Oil production)

- We report marginal effects of the explanatory variables (corresponding z-values in parentheses)

- In italics: p-values of a Wald test of equal marginal effects of the respective donor (group) compared to China

- * (**, ***) indicates significance at the ten- (five-, one-) percent level

Online Appendix J: Comparison of China's aid allocation with DAC donors and other emerging donors (1996-2005): Natural resource endowment

	(1) Oil production	(2) Oil production	(3) Oil dummy	(4) Oil reserves	(5) Gas production	(6) Coal production	(7) Diamond production	(8) Energy depletion	(9) Mineral depletion	(10) Total fuel exports	(11) Total OM exports	(12) Total ARM exports	(13) Bilateral fuel imports	(14) Bilateral OM imports	(15) Bilateral ARM imports	(16) Natural capital
China	-0.001	-0.002	0.028	-0.007	-0.014	-0.026**	-0.013	0.010	-0.005	-0.004	0.002	0.047	0.009	-0.013	0.035**	0.098
	(0.957)	(0.872)	(0.884)	(0.472)	(0.335)	(0.037)	(0.370)	(0.269)	(0.547)	(0.824)	(0.941)	(0.172)	(0.530)	(0.620)	(0.030)	(0.240)
USA	-0.023**	-0.009	-0.132	-0.006	-0.009	-0.016*	-0.012	-0.011*	0.000	0.014	0.036**	0.036	-0.026	0.036**	0.002	-0.083
	(0.040)	(0.214)	(0.341)	(0.285)	(0.307)	(0.076)	(0.445)	(0.098)	(0.987)	(0.229)	(0.031)	(0.112)	(0.223)	(0.048)	(0.884)	(0.120)
	0.282	*0.608*	*0.490*	*0.919*	*0.708*	*0.442*	*0.944*	*0.027*	*0.584*	*0.344*	*0.237*	*0.741*	*0.166*	*0.119*	*0.064*	*0.048*
EU-3	-0.021***	-0.008**	-0.120*	-0.006**	-0.007	-0.004	-0.002	-0.005	0.001	-0.002	0.012	0.012	-0.020*	0.017*	-0.005	-0.081***
	(0.001)	(0.047)	(0.098)	(0.026)	(0.134)	(0.448)	(0.754)	(0.184)	(0.823)	(0.745)	(0.192)	(0.316)	(0.079)	(0.050)	(0.652)	(0.005)
	0.270	*0.629*	*0.446*	*0.961*	*0.588*	*0.060*	*0.454*	*0.103*	*0.500*	*0.923*	*0.708*	*0.301*	*0.113*	*0.245*	*0.026*	*0.030*
Good donors	-0.038***	-0.016**	-0.301*	-0.013**	-0.015*	0.002	0.011	-0.003	0.003	0.012	0.027*	0.054***	-0.010	0.066	0.003	-0.061
	(0.003)	(0.045)	(0.097)	(0.039)	(0.068)	(0.772)	(0.312)	(0.572)	(0.528)	(0.238)	(0.056)	(0.008)	(0.556)	(0.210)	(0.857)	(0.324)
	0.089	*0.289*	*0.200*	*0.588*	*0.957*	*0.029*	*0.119*	*0.178*	*0.371*	*0.410*	*0.396*	*0.834*	*0.381*	*0.169*	*0.189*	*0.081*
Japan	-0.006	0.002	0.041	0.001	-0.004	-0.002	0.001	-0.007**	0.006*	-0.003	0.026***	0.031**	-0.023	0.014	0.029***	-0.039
	(0.376)	(0.646)	(0.557)	(0.770)	(0.383)	(0.719)	(0.939)	(0.036)	(0.082)	(0.596)	(0.010)	(0.018)	(0.369)	(0.225)	(0.003)	(0.162)
	0.771	*0.755*	*0.951*	*0.437*	*0.474*	*0.068*	*0.384*	*0.047*	*0.213*	*0.974*	*0.368*	*0.636*	*0.281*	*0.328*	*0.770*	*0.112*
Korea	0.014	0.012***	0.159***	0.009***	0.012**	0.012**	-0.020*	-0.001	0.000	0.006	0.012	0.031*	-0.033*	-0.004	0.027*	-0.005
	(0.175)	(0.006)	(0.000)	(0.007)	(0.026)	(0.013)	(0.081)	(0.821)	(0.958)	(0.433)	(0.262)	(0.080)	(0.071)	(0.864)	(0.071)	(0.916)
	0.432	*0.257*	*0.497*	*0.105*	*0.062*	*0.002*	*0.693*	*0.235*	*0.559*	*0.585*	*0.722*	*0.657*	*0.078*	*0.783*	*0.683*	*0.246*
Arab donors	-0.028	-0.018	-0.349	-0.015	-0.009	-0.007	-0.004	-0.017	-0.004	-0.004	0.026	0.015	-0.065	-0.053	0.040	-0.039
	(0.196)	(0.186)	(0.300)	(0.141)	(0.521)	(0.514)	(0.786)	(0.264)	(0.584)	(0.727)	(0.289)	(0.646)	(0.171)	(0.199)	(0.144)	(0.296)
	0.315	*0.370*	*0.327*	*0.574*	*0.775*	*0.231*	*0.670*	*0.108*	*0.877*	*0.995*	*0.499*	*0.480*	*0.140*	*0.418*	*0.876*	*0.111*
# observations	1829	1829	1829	1829	1829	1829	1333	1761	1761	1617	1631	1631	637	965	1164	1512
#countries	133	133	133	133	133	133	96	128	128	117	118	118	127	133	133	109
Log pseudolikelihood	-58.027	-58.082	-58.097	-58.067	-58.145	-58.211	-47.396	-56.064	-56.128	-52.827	-53.116	-53.095	-23.698	-34.246	-38.957	-50.307
Wald chi2 (p value)	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
RESET (p value)	0.798	0.749	0.714	0.716	0.372	0.218	0.690	0.353	0.668	0.639	0.577	0.297	0.226	0.426	0.768	0.879

Notes:

- Estimation technique: Fractional Logit with standard errors clustered by recipient country

- Dependent variable: Number of aid projects completed in recipient country (% of total number of aid projects provided by donor), 1996-2005

- Oil production in (1) uses data from Humphreys (2005) and BP (2010); Oil production in (2) relies only on BP (2010)

- All regressions include donor (group) dummies and all explanatory variables are interacted with these dummies

- Same control variables as in Table 2 (Distance, Population, GDP p.c., Disaster, Democracy, Taiwan rec., UNGA voting, and Exports)

- We report marginal effects of the explanatory variables (corresponding z-values in parentheses)

- In italics: p-values of a Wald test of equal marginal effects of the respective donor (group) compared to China

- * (**, ***) indicates significance at the ten (five, one) percent level

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	Distance	Population	GDP per capita	Disaster	Democracy	Taiwan recognition	UNGA voting	Exports	Oil production
China	0.466	-0.362*	-0.351	0.103	0.048	-6.075***	-0.739	0.164	0.006
	(0.550)	(0.061)	(0.147)	(0.143)	(0.882)	(0.001)	(0.745)	(0.195)	(0.881)
USA	0.035	0.203***	0.042	-0.003	0.143**	0.050	0.223	0.124***	-0.046***
	(0.824)	(0.001)	(0.558)	(0.903)	(0.047)	(0.539)	(0.750)	(0.004)	(0.000)
	0.597	*0.004*	*0.105*	*0.120*	*0.745*	*0.001*	*0.685*	*0.762*	*0.149*
EU-3	0.186**	0.091	-0.041	0.032*	0.054	0.082	-0.548	0.213***	-0.035***
	(0.043)	(0.119)	(0.577)	(0.076)	(0.567)	(0.391)	(0.597)	(0.000)	(0.007)
	0.724	*0.020*	*0.200*	*0.319*	*0.988*	*0.001*	*0.935*	*0.696*	*0.285*
Good donors	0.321***	0.200**	0.029	0.062**	-0.185	0.076	2.299	0.108***	-0.044**
	(0.000)	(0.043)	(0.781)	(0.022)	(0.176)	(0.432)	(0.111)	(0.000)	(0.024)
	0.855	*0.008*	*0.137*	*0.570*	*0.489*	*0.001*	*0.229*	*0.662*	*0.203*
Japan	-0.158	0.098**	0.040	0.003	0.054	0.056	1.955***	0.025**	-0.022**
	(0.560)	(0.011)	(0.433)	(0.848)	(0.364)	(0.290)	(0.004)	(0.039)	(0.017)
	0.424	*0.014*	*0.099*	*0.167*	*0.987*	*0.001*	*0.223*	*0.261*	*0.483*
Korea	-0.227***	0.034**	-0.021	-0.007*	0.018	0.047	0.810***	0.016***	-0.002
	(0.005)	(0.030)	(0.235)	(0.071)	(0.430)	(0.244)	(0.010)	(0.006)	(0.429)
	0.378	*0.039*	*0.169*	*0.125*	*0.927*	*0.001*	*0.493*	*0.237*	*0.833*
Arab donors	-0.199	-0.032	-0.144	-0.021	-0.078	0.552***	6.733***	0.011	-0.011
	(0.281)	(0.711)	(0.333)	(0.574)	(0.719)	(0.002)	(0.000)	(0.381)	(0.729)
	0.385	*0.092*	*0.426*	*0.116*	*0.733*	*0.000*	*0.010*	*0.210*	*0.728*
# observations	718								
# countries	52								

Notes:

- Estimation technique: Fractional Logit with standard errors clustered by recipient country

- Dependent variable: Number of aid projects completed in recipient country (% of total number of aid projects provided by donor), 1996-2005

- The regression includes donor (group) dummies and all explanatory variables are interacted with these dummies

- We report marginal effects of the explanatory variables (corresponding z-values in parentheses)

- In italics: p-values of a Wald test of equal marginal effects of the respective donor (group) compared to China

- * (**, ***) indicates significance at the ten (five, one) percent level

Online Appendix L: Comparison of China's aid allocation with DAC donors and other emerging donors (1996-2005): Institutional quality (African recipient countries only)

	Democracy	Voice	Political stability	Government effectiveness	Regulatory quality	Control of corruption	Economic freedom	Military dictatorship
China	0.048	0.230	0.416*	0.273	0.944**	0.061	0.065	0.497
	(0.882)	(0.324)	(0.067)	(0.497)	(0.013)	(0.859)	(0.792)	(0.258)
USA	0.143**	0.177**	0.151**	0.155	0.247***	0.007	0.162	-0.396*
	(0.047)	(0.016)	(0.037)	(0.221)	(0.008)	(0.944)	(0.153)	(0.081)
	0.745	*0.798*	*0.222*	*0.751*	*0.070*	*0.872*	*0.715*	*0.025*
EU-3	0.054	0.066	0.155**	0.244***	0.383***	0.005	0.234***	-0.128
	(0.567)	(0.275)	(0.021)	(0.010)	(0.000)	(0.967)	(0.002)	(0.424)
	0.988	*0.508*	*0.289*	*0.942*	*0.162*	*0.874*	*0.537*	*0.082*
'Good donors'	-0.185	0.090	0.066	0.259**	0.166	-0.020	0.018	-0.741
	(0.176)	(0.238)	(0.431)	(0.037)	(0.160)	(0.890)	(0.909)	(0.290)
	0.489	*0.569*	*0.140*	*0.969*	*0.042*	*0.801*	*0.862*	*0.008*
Japan	0.054	0.042	0.165***	0.263***	0.268***	0.186*	0.056	-0.318*
	(0.364)	(0.416)	(0.000)	(0.000)	(0.001)	(0.053)	(0.472)	(0.083)
	0.987	*0.427*	*0.285*	*0.978*	*0.074*	*0.707*	*0.974*	*0.015*
Korea	0.054	0.000	0.011	0.017	-0.009	-0.044	0.030*	-0.150*
	(0.364)	(0.990)	(0.601)	(0.600)	(0.691)	(0.104)	(0.090)	(0.084)
	0.927	*0.330*	*0.076*	*0.527*	*0.013*	*0.762*	*0.887*	*0.149*
Arab donors	0.018	-0.090	-0.122	-0.135	0.077	0.154	-0.247	0.072
	(0.430)	(0.646)	(0.546)	(0.635)	(0.680)	(0.428)	(0.234)	(0.880)
	0.733	*0.216*	*0.050*	*0.383*	*0.027*	*0.811*	*0.359*	*0.494*
# observations	718	718	718	718	718	718	526	597
# countries	52	52	52	52	52	52	38	43

Notes:

- Estimation technique: Fractional Logit with standard errors clustered by recipient country

- Dependent variable: Number of aid projects completed in recipient country (% of total number of aid projects provided by donor), 1995-2005

- All regressions include donor (group) dummies and all explanatory variables are interacted with these dummies

- All regressions include the same control variables as in Table 2

- We report marginal effects of the explanatory variables (corresponding z-values in parentheses)

- In italics: p-values of a Wald test of equal marginal effects of the respective donor (group) compared to China

- * (**, ***) indicates significance at the ten (five, one) percent level

Online Appendix M: Comparison of China's aid allocation with DAC donors and other emerging donors (1996-2005): Natural resource endowment (African recipient countries only)

	(1) Oil production	(2) Oil Production	(3) Oil dummy	(4) Oil reserves	(5) Gas production	(6) Coal production	(7) Diamond production	(8) Energy depletion	(9) Mineral depletion	(10) Total fuel exports	(11) Total OM exports	(12) Total ARM exports	(14) Bilateral OM imports	(15) Bilateral ARM imports	(16) Natural capital
China	0.006	-0.004	0.027	-0.015	-0.089**	-0.006	-0.044*	0.030*	-0.014	0.045	0.089*	0.168***	-0.025	0.082**	0.066
	(0.881)	(0.882)	(0.948)	(0.469)	(0.038)	(0.786)	(0.090)	(0.081)	(0.453)	(0.113)	(0.077)	(0.002)	(0.736)	(0.024)	(0.729)
USA	-0.046***	-0.018***	-0.367***	-0.013***	-0.007	-0.007	-0.006	-0.013*	-0.002	-0.022	0.024*	0.048**	0.019	0.003	-0.174***
	(0.000)	(0.003)	(0.009)	(0.003)	(0.444)	(0.490)	(0.446)	(0.051)	(0.724)	(0.124)	(0.080)	(0.042)	(0.126)	(0.634)	(0.006)
	0.149	*0.581*	*0.359*	*0.908*	*0.039*	*0.953*	*0.127*	*0.004*	*0.492*	*0.028*	*0.156*	*0.020*	*0.551*	*0.030*	*0.222*
EU-3	-0.035***	-0.012*	-0.193	-0.011**	-0.015	-0.018*	-0.007	-0.011	0.001	-0.005	0.014	0.036*	0.022	0.016	-0.190***
	(0.007)	(0.057)	(0.127)	(0.012)	(0.118)	(0.084)	(0.489)	(0.124)	(0.935)	(0.676)	(0.442)	(0.050)	(0.123)	(0.396)	(0.001)
	0.285	*0.734*	*0.595*	*0.857*	*0.049*	*0.678*	*0.164*	*0.022*	*0.446*	*0.115*	*0.160*	*0.016*	*0.501*	*0.118*	*0.202*
Good donors	-0.044**	-0.021*	-0.405*	-0.016*	-0.016	0.009	0.004	-0.003	-0.002	-0.003	0.039*	0.101***	0.289***	0.027	-0.109
	(0.024)	(0.067)	(0.099)	(0.051)	(0.467)	(0.141)	(0.660)	(0.737)	(0.805)	(0.892)	(0.099)	(0.003)	(0.001)	(0.405)	*(0.370)*
	0.203	*0.502*	*0.337*	*0.954*	*0.026*	*0.542*	*0.059*	*0.083*	*0.540*	*0.149*	*0.347*	*0.239*	*0.004*	*0.296*	*0.408*
Japan	-0.022**	-0.013**	-0.228*	-0.010**	-0.014	-0.002	0.005	-0.004	0.004	0.001	0.052***	0.039*	0.023*	0.011	-0.117**
	(0.017)	(0.032)	(0.093)	(0.024)	(0.110)	(0.841)	(0.448)	(0.350)	(0.296)	(0.892)	(0.000)	(0.061)	(0.075)	(0.318)	(0.027)
	0.483	*0.729*	*0.576*	*0.833*	*0.060*	*0.872*	*0.056*	*0.060*	*0.318*	*0.153*	*0.476*	*0.023*	*0.515*	*0.056*	*0.385*
Korea	-0.002	-0.002	-0.031	-0.002*	-0.004**	-0.003*	0.001	-0.004**	0.003***	0.003	0.004	0.004	0.018***	-0.004	-0.037**
	(0.429)	(0.174)	(0.331)	(0.058)	(0.010)	(0.054)	(0.779)	(0.043)	(0.004)	(0.459)	(0.392)	(0.400)	(0.000)	(0.301)	(0.030)
	0.833	*0.947*	*0.888*	*0.530*	*0.046*	*0.899*	*0.077*	*0.057*	*0.358*	*0.172*	*0.090*	*0.002*	*0.558*	*0.017*	*0.600*
Arab donors	-0.011	-0.005	-0.099	-0.010	0.021	-0.043	-0.014	-0.017	0.011	-0.030	0.050	-0.055	-0.059	0.045	-0.132
	(0.729)	(0.822)	(0.792)	(0.563)	(0.479)	(0.176)	(0.552)	(0.321)	(0.363)	(0.320)	(0.242)	(0.467)	(0.179)	(0.217)	*(0.342)*
	0.728	*0.969*	*0.830*	*0.846*	*0.014*	*0.411*	*0.355*	*0.023*	*0.177*	*0.069*	*0.518*	*0.012*	*0.688*	*0.474*	*0.386*
# observations	718	718	718	718	718	718	596	690	690	594	608	608	359	458	683
# countries	52	52	52	52	52	52	43	50	50	43	44	44	52	52	46

Notes: See Online Appendix J. FLOGIT regression did not converge for "Bilateral fuel imports" (missing column 13).