

Appendix 1: Control variables, scaling and source	
Variable & Scaling	Source
Global Fund Expenditure Scaled in Thousands of US dollars.	Global Fund Secretariat, per request, 2019
National Income Scaled 1-4 based on low, lower-middle, upper-middle, and high income	World Development Indicators, 2018
Political Stability & Absence of Violence Scaled -2.5 to +2.5	Worldwide Governance Indicators, 2018
Bilateral Aid Net Official Development Assistance Received. Scaled in Thousands of Current US\$	World Development Indicators, 2018
Control of Corruption in 2003 Scaled -2.5 to +2.5	Worldwide Governance Indicators, 2018