

# Knowledge Questions Piloted in Round 1 of Study “Teaching and Incentives: Substitutes or Complements?”

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Version: June 14, 2021

This document describes the full list of pilot questions on COVID-19 knowledge that were tested in our pilot survey, Round 1.

Survey questions measured COVID-19-related knowledge in the three main subcategories: 1) general knowledge, which included questions on risk factors, transmission, and symptoms; 2) protection methods, which included questions on social distancing (i.e., how to prevent spreading COVID-19 to others), and household prevention (i.e., how to prevent spreading COVID-19 to yourself and your household); and 3) government policies (i.e., official actions taken by the national government of Mozambique to address COVID-19).

In Round 1, we piloted a set of 71 questions (larger than our eventual pre-specified set for Rounds 2 and 3). The Round 1 question pool had 71 possible knowledge questions: 21 on general knowledge (6 on risk factors, 8 on transmission, 7 on symptoms), 30 on preventative actions (14 on social distancing, 16 on household prevention), and 20 on government actions.

In Round 1, we asked each respondent 20 knowledge questions randomly selected from within each question type: 6 on general knowledge (2 on risk factors, 2 on transmission and 2 on main symptoms), 8 on preventative actions (4 on social distancing actions and 4 on household prevention actions), and 6 on government actions. The Round 1 Test Score (used as a pre-specified control variable in regressions) is the share these 20 knowledge questions answered correctly by a respondent.

Prior to Round 2 (baseline) data collection, we uploaded our pre-analysis plan (PAP) to the AEA RCT Registry.<sup>1</sup>

The full set of 71 pilot questions fielded in Round 1 are in the tables below, by topical subcategory. Table 1 lists “general knowledge” questions, Table 2 “preventive actions” questions, and Table 3 “government actions” questions.

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<sup>1</sup>ID Number AEARCTR-0005862 (<https://doi.org/10.1257/rct.5862-1.0>).

Table 1: **Round 1 Pilot “General Knowledge” Questions**

Risk Factors: Who do you think is more likely to die from a coronavirus infection?	
(1)	A healthy black adult or a healthy white adult (Same)
(2)	A farmer or a health worker (Second)
(3)	A healthy 30-year-old adult or a healthy 5-year-old child (First)
(4)	A grandparent or their grandchild (First)
(5)	A healthy 30-year-old adult or a healthy 60-year-old adult (Second)
(6)	An adult who does not smoke or an adult who does smoke (Second)
Transmission: How is coronavirus spread?	
(7)	Second-hand clothing (No)
(8)	Sexually transmitted (No)
(9)	Blood transfusion (No)
(10)	Drinking unclean water (No)
(11)	Mosquito bites (No)
(12)	Touching contaminated objects/surfaces/food (Yes)
(13)	Droplets from infected people (Yes)
(14)	Direct contact with infected people (Yes)
Symptoms: What are the main symptoms of coronavirus?	
(15)	New loss of taste or smell (Yes)
(16)	Blindness (No)
(17)	Pain with urination (No)
(18)	Hearing loss (No)
(19)	Fever (Yes)
(20)	Shortness of breath and difficulty breathing (Yes)
(21)	Cough (Yes)

*Notes:* Correct answers in parentheses.

Table 2: Round 1 Pilot “Preventive Actions” Questions

Social Distancing Actions: Will this action prevent spreading coronavirus to yourself and others?	
(1)	Cover your mouth and nose when coughing or sneezing (Yes)
(2)	Keep a distance of at least 1.5 meters from people outside of my household (Yes)
(3)	Shop in crowded areas like informal markets (No)
(4)	Meet up with friends (No)
(5)	Help the elderly avoid close contact with other people, including children (Yes)
(6)	Refuse to shake hands if required to greet someone (Yes)
(7)	Avoid attending social gatherings of any size (Yes)
(8)	Driving a taxi-mota or taxi-bicycle to carry passengers (No)
(9)	If show symptoms of coronavirus, immediately inform my household and avoid people (Yes)
(10)	Drinking alcohol in Barracas (No)
(11)	Wear a face covering if showing symptoms of coronavirus (Yes)
(12)	Instead of meeting in person, call on the phone or send text message (Yes)
(13)	Allow children to build immunity by playing with children from other households (No)
(14)	Stay in the household area at all times (Yes)
Household Prevention Actions: Will this action prevent spreading coronavirus to yourself and others?	
(15)	Avoid buying food in the road (espetos, roasted corn) (Yes)
(16)	Take medicine given for a different illness (No)
(17)	Wash your hands regularly using soap and water (Yes)
(18)	Drinking hot tea (No)
(19)	Open the windows to increase air circulation (Yes)
(20)	Wear a face covering in public when you are healthy (Yes)
(21)	Eat foods with lemons or garlic or pepper (No)
(22)	If show symptoms of coronavirus, immediately go to the nearest clinic (Yes)
(23)	Drink only treated water (No)
(24)	Sleep under the mosquito net (No)
(25)	Wash and cook food well (Yes)
(26)	Keep eucalyptus or neem leaves in the household (No)
(27)	Spray alcohol and chlorine all over your body (No)
(28)	Avoid close contact with anyone who has a fever and cough (Yes)
(29)	Avoid taking taxi-bicycle or taxi-mota to go out (Yes)
(30)	Take the vaccine. Answer YES if you think there is a vaccine or cure. Answer NO if you think a vaccine or cure does not yet exist (No)

Notes: Correct answers in parentheses.

Table 3: Round 1 Pilot “Government Actions” Questions

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Government Actions: is the government of Mozambique currently taking this action to address coronavirus?

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(1)	Order a 14 day home quarantine for all persons who have had direct contact with confirmed cases of COVID-19 (Yes)
(2)	Close all airports (No)
(3)	Suspend religious services and celebrations (Yes)
(4)	Prohibit eviction of tenants in rental contracts (Yes)
(5)	Stop issuing entry visas to foreign travelers (Yes)
(6)	Banning personal travel between provinces (No)
(7)	Require masks at funeral ceremonies (Yes)
(8)	Suspend police enforcement (No)
(9)	Prohibit use of minibuses for public transportation (No)
(10)	Order households to "stay in place" except for only necessary trips (No)
(11)	Ask households to not visit patients infected by COVID-19 at hospitals (Yes)
(12)	Close government offices not related to health (No)
(13)	Order all citizens to wear masks when going out of their homes (No)
(14)	Ban gatherings of 20 or more people (Yes)
(15)	Ask households to stay indoors for three weeks (No)
(16)	Close gymnasiums, play fields and other sports activities in public spaces (Yes)
(17)	Prohibit funerals for those with coronavirus or COVID-19 (No)
(18)	Declare a State of Emergency (Yes)
(19)	Close bars and nightclubs (Yes)
(20)	Suspend all public and private schools (Yes)

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*Notes:* Correct answers in parentheses.