

Appendix B

Experimental Materials for Study 2

Points Spent: 0/47

	Coverage	No Coverage	Basic	Medium	High
Complementary Pays for "Alternative" treatments.	<input type="radio"/> 0	<input checked="" type="radio"/> 1			
Dental Pays for care of your teeth.	<input type="radio"/> 0	<input type="radio"/> 2	<input checked="" type="radio"/> 6		
Home Health Pays for in-home care if you are chronically ill/too disabled to care for yourself.	<input type="radio"/> 0	<input type="radio"/> 2	<input checked="" type="radio"/> 3		
Hospitalization Pays for hospital bills - you need approval before the hospital will admit you, excepting emergency.	<input type="radio"/> 0	<input type="radio"/> 10	<input checked="" type="radio"/> 11	<input type="radio"/> 14	
Infertility Pays for tests and special procedures for someone having trouble getting pregnant.	<input type="radio"/> 0	<input checked="" type="radio"/> 1			
Last Chance Pays for special treatment in life-threatening situations.	<input type="radio"/> 0	<input type="radio"/> 1	<input checked="" type="radio"/> 2		
Long-Term Pays for your care over a long period of time in a residential or nursing home.	<input type="radio"/> 0	<input type="radio"/> 4	<input checked="" type="radio"/> 8		
Mental Health and Substance Abuse Pays for counseling and therapy, treatment of mental illness, and alcohol and drug abuse.	<input type="radio"/> 0	<input type="radio"/> 2	<input checked="" type="radio"/> 3		
Other Medical Pays for equipment like physical therapy, occupational therapy, ambulance service, wheel chair, hospital beds, etc.	<input type="radio"/> 0	<input type="radio"/> 2	<input checked="" type="radio"/> 3		
Pharmacy Pays for medicines your doctor prescribes	<input type="radio"/> 0	<input type="radio"/> 3	<input checked="" type="radio"/> 6	<input type="radio"/> 8	
Primary Pays for your primary or "family" doctor and staff. Your primary doctor can refer you to other doctors, order special services and tests.	<input type="radio"/> 0	<input type="radio"/> 4	<input checked="" type="radio"/> 5	<input type="radio"/> 6	
Specialty Pays for special problems your primary doctor and staff don't handle	<input type="radio"/> 0	<input type="radio"/> 9	<input checked="" type="radio"/> 11	<input type="radio"/> 16	
Tests Pays for blood work, x-rays, or other tests you need.	<input type="radio"/> 0	<input type="radio"/> 3	<input checked="" type="radio"/> 4		
Vision Pays for eye exams, glasses, and contact lenses.	<input type="radio"/> 0	<input type="radio"/> 1	<input checked="" type="radio"/> 2		

Figure 1: Screenshot of Web Exercise for Intervention Condition

Restart Survey Place Bookmark Mobile view off Tools Reset Points Spent: 0/47

Type	Description	Basic	Medium	High
Complementary	Pays for "alternative" treatments Covers "alternative" services including acupuncture (for pain), chiropractic care (back, neck or bone problems), and therapeutic massage.			
Dental	Pays for care of your teeth You get regular cleanings and x-rays every 6 months. You have cavities filled and bad teeth extracted. You get minimal dental care.	You get regular cleanings and x-rays every 6 months. You have cavities filled and bad teeth extracted. You get complete dental care including repairs and crowns.		
Home Health	Pays for in-home care if you are chronically ill or too disabled to care for yourself Your insurance pays in full for up to 2 weekly visits from a nurse OR 2, 1/2 hr daily care from a nurse's aide.	Your insurance pays in full for up to 4 weekly visits from a nurse OR 5 hr daily care from a nurse's aide.		
Hospitalization	Pays for hospital bills - Note: except in an emergency, you need to get your insurance plan's approval before the hospital will admit you. You pay \$50 per day for your first 5 days in the hospital. You have little choice about which hospital (i.e., it could be far from your home). There is pressure on your doctor to discharge you as soon as possible.	You pay nothing per day. You have a large selection of hospitals. There's probably one near your home. You have many special facilities to choose from. There is pressure on your doctor to discharge you as soon as possible.	You pay nothing per day. You have a large selection of hospitals. There's probably one near your home. You have many special facilities to choose from. There is pressure on your doctor to discharge you as soon as he/she wants.	
Infertility	Pays for tests and special procedures for someone having trouble getting pregnant Infertility services are in the plan. However, expensive tests or procedures may require the insurance company's approval.			

Coverage
Pays for "Alternative" treatments.
Complementary
Pays for care of your teeth.
Dental
Pays for in-home care if you are chronically ill/ too disabled to care for yourself.
Home Health
Pays for hospital bills - you need approval before the hospital will admit you, excepting emergency.
Hospitalization
Pays for tests and special procedures for someone having trouble getting pregnant.
Infertility
Pays for special treatment in life-threatening situations.
Last Chance
Pays for equipment like physical therapy, occupational therapy, ambulance service, wheel chair, hospital beds, etc.
Long-Term
Pays for your care over a long period of time in a residential or nursing home.
Mental Health and Substance Abuse
Pays for counseling and therapy, treatment of mental illness, and alcohol and drug abuse.
Other Medical
Pays for medicines your doctor prescribes.
Primary
Pays for your primary or "family" doctor and staff. Your primary doctor can refer you to other doctors, order special services and tests.
Specialty
Pays for special problems your primary doctor and staff don't handle.
Tests
Pays for blood work, x-rays, or other tests you need.
Vision
Pays for eye exams, glasses, and contact lenses.

No Coverage Basic Medium High
 0 1
 0 2 6
 0 2 3
 0 10 11 14
 0 1
 0 1 2
 0 4 8
 0 2 3
 0 2 3
 0 2 3
 0 3 6 8
 0 4 5 6
 0 9 11 16
 0 3 4
 0 1 2

12:59 PM 4/20/2021

Figure 2: Screenshot showing legend and web exercise for intervention condition

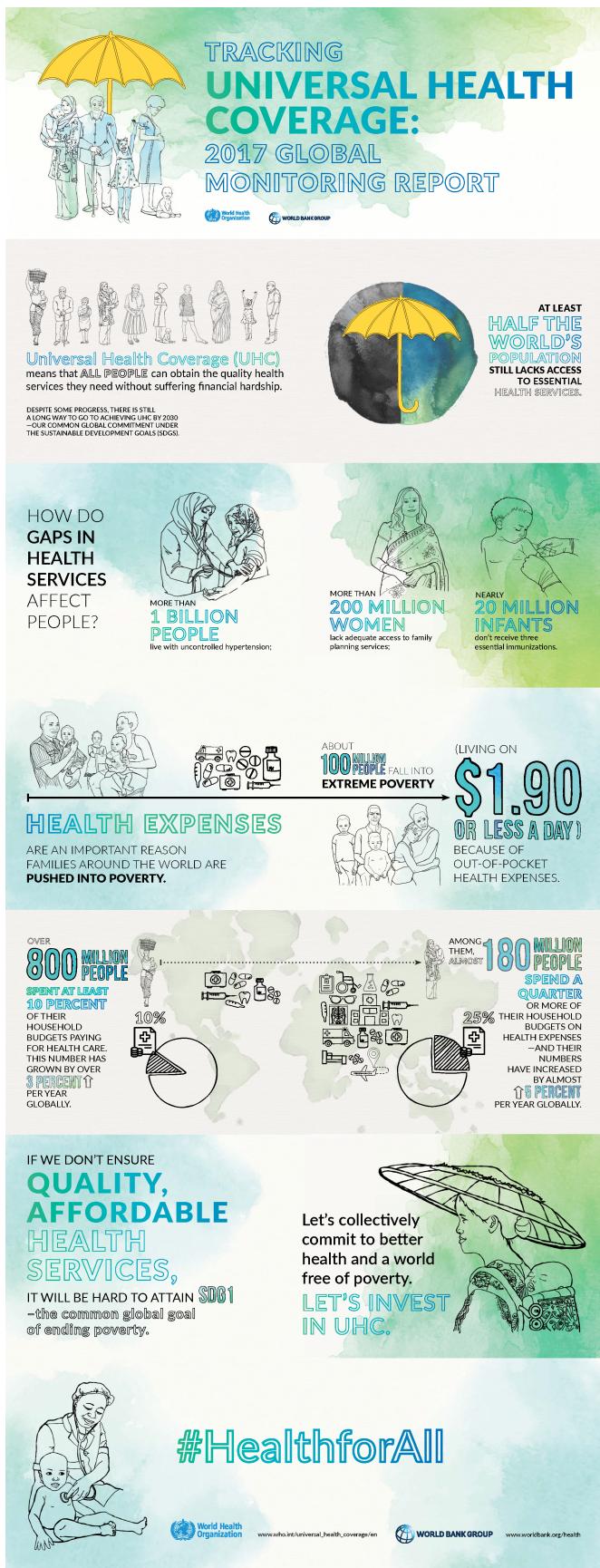


Figure 3: 1st Infographic for control condition

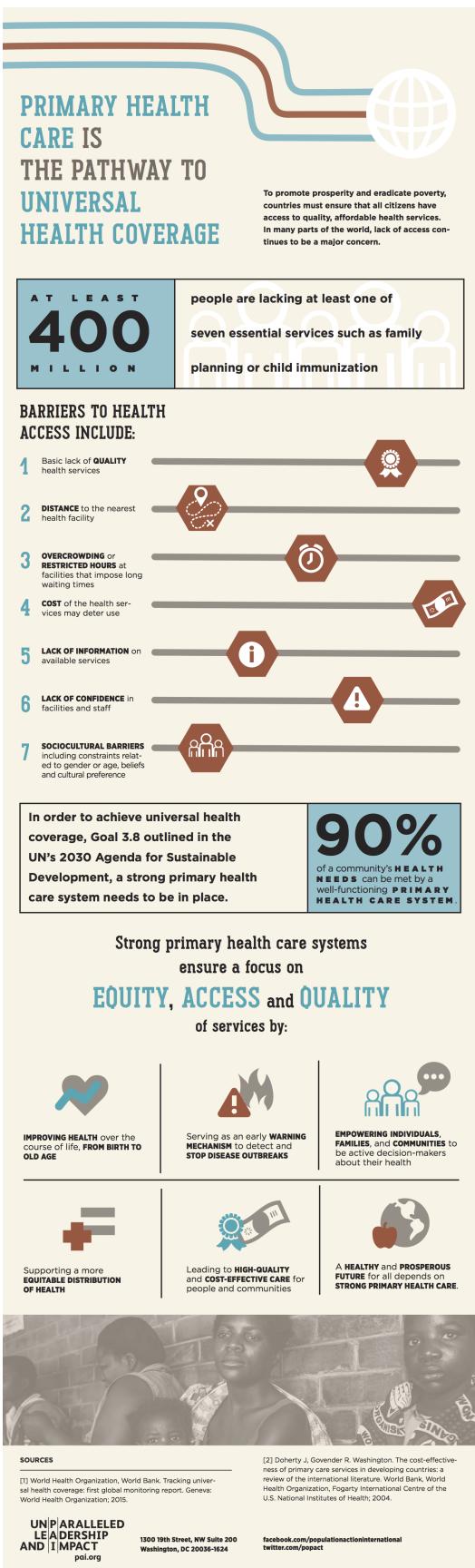
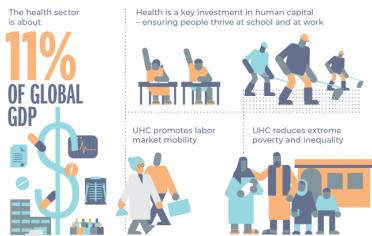


Figure 4: 2nd Infographic for control condition
4



Financing UHC drives inclusive economic growth



It's time to think BOLDLY and STRENGTHEN financing for UHC

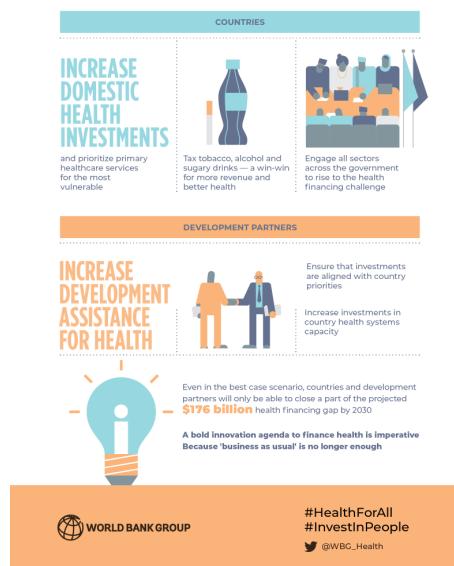
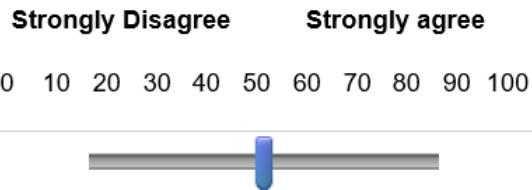


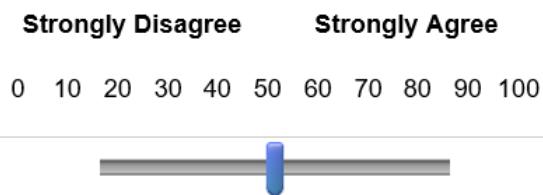
Figure 5: 3rd Infographic for control condition

For the items below, please rate them according to how strongly you agree (or disagree with them)

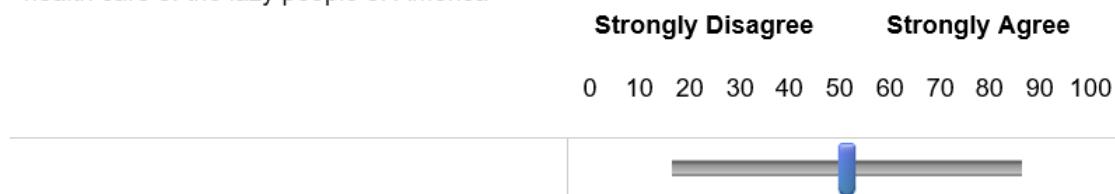
I support the 2013 Affordable Care Act'



'Our government needs health reform because the underprivileged are not getting their basic needs met'



Universal health care is just designed to make the hard-working people of America pay for the health care of the lazy people of America'



Access to medical care and insurance is a basic, inherent right of man'

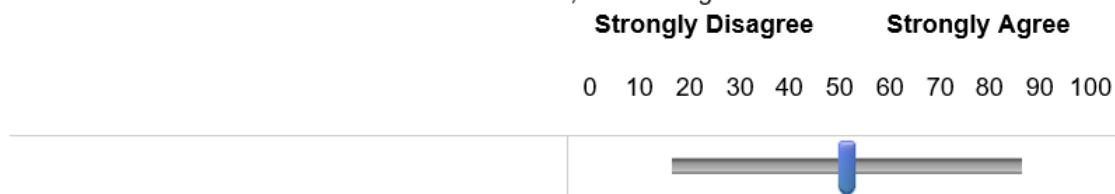


Figure 6: Support for UHC Measure - Scale and Item wording

'Universal Health Care provides fair and equitable care to all US citizens, regardless of employment status'



Figure 7: Perceived Equity Measure - Scale and Item wording

'Universal Health Care is straightforward'



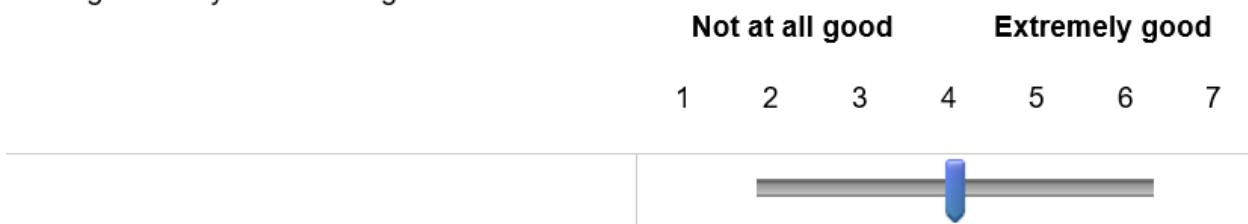
'Universal Health Care is easy to understand'



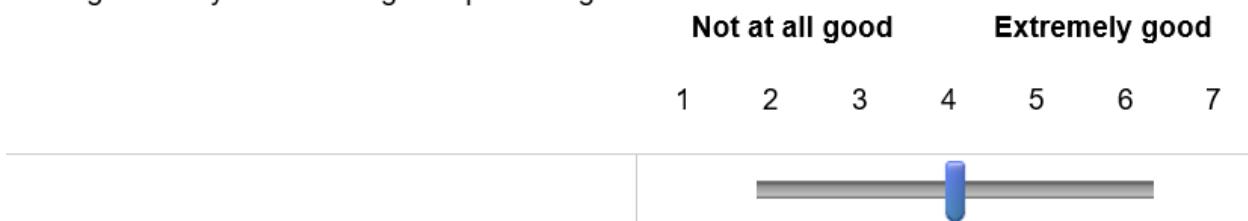
Figure 8: Perceived Understanding Measure - Scale and Item wording

For each of the following questions, please choose the value that best reflects **how good you are at doing the following things**

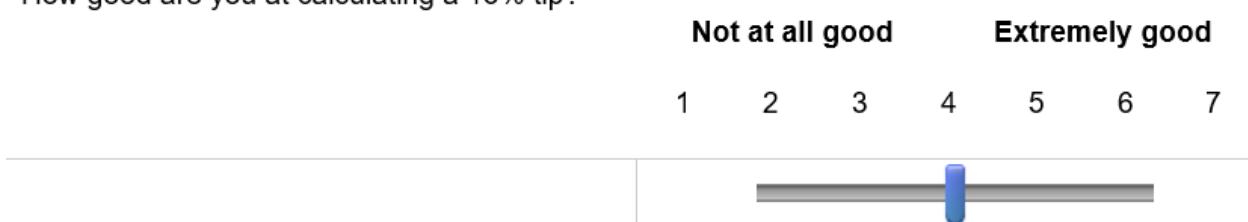
How good are you at working with fractions?



How good are you at working with percentages?



How good are you at calculating a 15% tip?



How good are you at figuring how much a shirt will cost if it is 25% off?

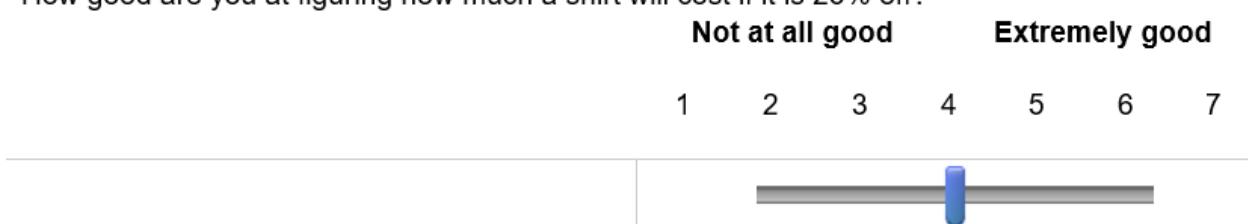


Figure 9: Subjective Numeracy Measure Part 1 - Scale and Item wording

For each of the following questions, please choose the value that **best reflects your answer**

When reading the newspaper, how **helpful** do you find tables and graphs that are parts of a story?

Not at all helpful Extremely helpful

1 2 3 4 4 5 6



When people tell you the chance of something happening, do you prefer that they use **words** ("it rarely happens") or **numbers** ("there's a 1% chance")?

Always Prefer Words Always Prefer Numbers

1 2 3 4 4 5 6



When you hear a weather forecast, do you prefer predictions using **percentages** (e.g., "there will be a 20% chance of rain today") or predictions using only **words** (e.g., "there is a small chance of rain today")?

Always Prefer Percentages Always Prefer Words

1 2 3 4 4 5 6



How **often** do you find numerical information to be useful?

Never Very Often

1 2 3 4 4 5 6



Figure 10: Subjective Numeracy Measure Part 2 - Scale and Item wording

For each of the following questions, please use your reasoning and give your **best possible answer**

If it takes five machines 5 minutes to make five widgets, how long would it take 100 machines to make 100 widgets?

A bat and a ball cost \$1.10 in total. The bat costs \$1.00 more than the ball. How much does the ball cost?

In the ACME PUBLISHING SWEEPSTAKES, the chance of winning a car is 1 in 1000. What percent of tickets of ACME PUBLISHING SWEEPSTAKES win a car?

In the BIG BUCKS LOTTERY, the chances of winning a \$10.00 prize are 1%. What is your best guess about how many people would win a \$10.00 prize if 1000 people each buy a single ticket from BIG BUCKS?

Imagine that we roll a fair, six-sided die 1000 times. Out of 1000 rolls, how many times do you think the die would come up as an even number?

If the chance of getting a disease is 20 out of 100, this would be the same as having a _____ % chance of getting the disease

If the chance of getting a disease is 10%, how many people would be expected to get the disease out of 1000?

Suppose you have a close friend who has a lump in her breast and must have a mammogram. Of 100 women like her, 10 of them actually have a malignant tumor and 90 of them do not. Of the 10 women who actually have a tumor, the mammogram indicates correctly that 9 of them have a tumor and indicates incorrectly that 1 of them does not. Of the 90 women who do not have a tumor, the mammogram indicates correctly that 81 of them do not have a tumor and indicates incorrectly that 9 of them do have a tumor. The following table summarizes the information provided. Imagine that your friend tests positive (as if she has a tumor). What is the likelihood that she actually has a tumor?

Figure 11: Objective Numeracy Measure - Item wording