

10/27/2017 -AB Illusion - Drugs, Retirement, Teachers, Charity, Recruitment, Unemployment benefits

Start of Block: Intro

Intro

We are conducting a brief survey on decision-making. You will be asked to respond to a series of questions. You will be compensated \$0.40 for your time.

Please click the box below to continue to the survey.

End of Block: Intro

Start of Block: Vignettes

xA1 Several drugs have been approved by the U.S. Food and Drug Administration as safe and effective for treating high blood pressure. Doctor Jones wants to provide good treatment to his patients, so he decides that his patients who need high blood pressure medication will be prescribed drug A. It is affordable and patients can tolerate its side effects.

How appropriate is Doctor Jones's decision?

- ☐ Very inappropriate (1)
- ☐ Somewhat inappropriate (2)
- ☐ Neither inappropriate nor appropriate (3)
- ☐ Somewhat appropriate (4)
- ☐ Very appropriate (5)

xB1 Several drugs have been approved by the U.S. Food and Drug Administration as safe and effective for treating high blood pressure. Doctor Jones wants to provide good treatment to his patients, so he decides that his patients who need high blood pressure medication will be

prescribed drug B. It is affordable and patients can tolerate its side effects.

How appropriate is Doctor Jones's decision?

- ☐ Very inappropriate (1)
 - ☐ Somewhat inappropriate (2)
 - ☐ Neither inappropriate nor appropriate (3)
 - ☐ Somewhat appropriate (4)
 - ☐ Very appropriate (5)
-

xAB1 Several drugs have been approved by the U.S. Food and Drug Administration as safe and effective for treating high blood pressure. Doctor Jones thinks of two different ways to provide good treatment to his patients, so he decides to run an experiment by randomly assigning his patients who need high blood pressure medication to one of two test conditions. Half of patients will be prescribed drug A, and the other half will be prescribed drug B. Both drugs are affordable and patients can tolerate their side effects. After a year, he will only prescribe to new patients whichever drug has had the best outcomes for his patients.

How appropriate is Doctor Jones's decision?

- ☐ Very inappropriate (1)
 - ☐ Somewhat inappropriate (2)
 - ☐ Neither inappropriate nor appropriate (3)
 - ☐ Somewhat appropriate (4)
 - ☐ Very appropriate (5)
-

xA2 Several drugs have been approved by the US. Food and Drug Administration as safe and effective for treating high blood pressure. Doctor Jones works in a multi-doctor walk-in clinic where patients see whichever doctor is available. Some doctors in the clinic prescribe drug A for high blood pressure, while others prescribe drug B. Both drugs are affordable and patients can tolerate their side effects. Doctor Jones wants to provide good treatment to his patients, so he

decides that his patients who need high blood pressure medication will be prescribed drug A.

How appropriate is Doctor Jones's decision?

- ☐ Very inappropriate (1)
 - ☐ Somewhat inappropriate (2)
 - ☐ Neither inappropriate nor appropriate (3)
 - ☐ Somewhat appropriate (4)
 - ☐ Very appropriate (5)
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How appropriate is Doctor Jones's decision?

- ☐ Very inappropriate (1)
 - ☐ Somewhat inappropriate (2)
 - ☐ Neither inappropriate nor appropriate (3)
 - ☐ Somewhat appropriate (4)
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-

xA3 Most people in the U.S. save too little for retirement, causing them financial problems later in life. Company retirement plans are a good way to save, but too few employees choose to enroll in them. The CEO of a company wants to encourage newly hired employees to enroll in the company retirement savings plan, so he decides that he will increase the number of available investment funds from 10 to 15. How appropriate is the CEO's decision?

- ☐ Very inappropriate (1)
 - ☐ Somewhat inappropriate (2)
 - ☐ Neither inappropriate nor appropriate (3)
 - ☐ Somewhat appropriate (4)
 - ☐ Very appropriate (5)
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the company retirement savings plan, so he decides that he will provide enrollment paperwork that highlights the most popular of the 10 investment funds the company offers. How appropriate is the CEO's decision?

- ☐ Very inappropriate (1)
 - ☐ Somewhat inappropriate (2)
 - ☐ Neither inappropriate nor appropriate (3)
 - ☐ Somewhat appropriate (4)
 - ☐ Very appropriate (5)
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xAB3 Most people in the U.S. save too little for retirement, causing them financial problems later in life. Company retirement plans are a good way to save, but too few employees choose to enroll in them. The CEO of a company thinks of two different ways to encourage newly hired employees to enroll in the company retirement savings plan, so he decides to run an experiment by randomly assigning new hires to one of two test conditions. For half of new hires, he will provide enrollment paperwork that highlights the most popular of the 10 investment funds the company offers. For the other half of new hires, he will increase the number of available investment funds from 10 to 15. After a year, the CEO will adopt whichever practice turns out to lead the most employees to enroll in the company's retirement program. How appropriate is the CEO's decision?

- ☐ Very inappropriate (1)
 - ☐ Somewhat inappropriate (2)
 - ☐ Neither inappropriate nor appropriate (3)
 - ☐ Somewhat appropriate (4)
 - ☐ Very appropriate (5)
-

xA4 Research has shown that increasing teacher happiness and well-being can result in better student outcomes. The superintendent of a school district wants to improve how well his elementary school students do, so he decides that the school's teachers will receive a yearly bonus.

How appropriate is the superintendent's decision?

- ☐ Very inappropriate (1)
 - ☐ Somewhat inappropriate (2)
 - ☐ Neither inappropriate nor appropriate (3)
 - ☐ Somewhat appropriate (4)
 - ☐ Very appropriate (5)
-

xB4 Research has shown that increasing teacher happiness and well-being can result in better student outcomes. The superintendent of a school district wants to improve how well his elementary school students do, so he decides that the school's teachers will receive additional vacation days during summer and winter breaks.

How appropriate is the superintendent's decision?

- ☐ Very inappropriate (1)
 - ☐ Somewhat inappropriate (2)
 - ☐ Neither inappropriate nor appropriate (3)
 - ☐ Somewhat appropriate (4)
 - ☐ Very appropriate (5)
-

xAB4 Research has shown that increasing teacher happiness and well-being can result in better student outcomes. The superintendent of a school district thinks of two different ways to improve how well his elementary school students do, so he decides to run an experiment by randomly assigning the school's teachers to one of two test conditions. Half of the school's teachers will receive a yearly bonus. The other half will receive additional vacation days during summer and winter breaks. After a year, the superintendent will give all teachers whichever

benefit turns out to result in better student outcomes.
How appropriate is the superintendent's decision?

- ☐ Very inappropriate (1)
 - ☐ Somewhat inappropriate (2)
 - ☐ Neither inappropriate nor appropriate (3)
 - ☐ Somewhat appropriate (4)
 - ☐ Very appropriate (5)
-

xA5 Last year, a charity received a large number of donations. The director of this charity wants to help people in a low-income country escape extreme poverty, so he decides that all adults below a certain income level will receive a sturdy roof for their home.

How appropriate is the director's decision?

- ☐ Very inappropriate (1)
 - ☐ Somewhat inappropriate (2)
 - ☐ Neither inappropriate nor appropriate (3)
 - ☐ Somewhat appropriate (4)
 - ☐ Very appropriate (5)
-

xB5 Last year, a charity received a large number of donations. The director of this charity wants to help people in a low-income country escape extreme poverty, so he decides that all adults below a certain income level will receive one month of training in a trade of their choice.

How appropriate is the director's decision?

- ☐ Very inappropriate (1)
 - ☐ Somewhat inappropriate (2)
 - ☐ Neither inappropriate nor appropriate (3)
 - ☐ Somewhat appropriate (4)
 - ☐ Very appropriate (5)
-

xAB5 Last year, a charity received a large number of donations. The director of this charity thinks of two different ways to help people in a low-income country escape extreme poverty, so he decides to run an experiment by randomly assigning people to one of two test conditions. Half of all adults below a certain income level will receive a sturdy roof for their home. The other half will receive one month of training in a trade of their choice. After a year, the director will begin providing everyone in the country whichever resource (roof or training) turns out to help more people escape extreme poverty.

How appropriate is the director's decision?

- ☐ Very inappropriate (1)
 - ☐ Somewhat inappropriate (2)
 - ☐ Neither inappropriate nor appropriate (3)
 - ☐ Somewhat appropriate (4)
 - ☐ Very appropriate (5)
-

xA6 A poor nation with a severe shortage of nurses and doctors is creating a new civil service position: Health Assistant. These Health Assistants will undergo one year of training, then become the first line of healthcare for people living in the most remote regions of the country.

The nation's congress wants to recruit the best people it can to become Health Assistants, so it decides to have recruitment posters made that emphasize the social benefits of becoming a Health Assistant, such as serving and being a leader in one's community.

How appropriate is the congress's decision?

- ☐ Very inappropriate (1)
 - ☐ Somewhat inappropriate (2)
 - ☐ Neither inappropriate nor appropriate (3)
 - ☐ Somewhat appropriate (4)
 - ☐ Very appropriate (5)
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How appropriate is the congress's decision?

- ☐ Very inappropriate (1)
 - ☐ Somewhat inappropriate (2)
 - ☐ Neither inappropriate nor appropriate (3)
 - ☐ Somewhat appropriate (4)
 - ☐ Very appropriate (5)
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The nation's congress thinks of two different ways to recruit the best people it can to become Health Assistants, so it decides to run an experiment by randomly assigning the nation's districts to one of two test conditions. For half of the districts, the congress will have recruitment posters made that emphasize the social benefits of becoming a Health Assistant, such as serving and being a leader in one's community. For the other half, it will have recruitment posters made that emphasize the career benefits of becoming a Health Assistant, such as opportunities for promotion and professional development. After a year, the congress will have all districts in the nation use whichever kind of poster drew the highest-quality job applicants. How appropriate is the congress's decision?

- ☐ Very inappropriate (1)
 - ☐ Somewhat inappropriate (2)
 - ☐ Neither inappropriate nor appropriate (3)
 - ☐ Somewhat appropriate (4)
 - ☐ Very appropriate (5)
-

xA7 The congress of a small country wants to provide support for citizens who are unable to find work, while also encouraging those citizens to find and take on jobs. To do this, the congress decides on a plan. All citizens who have been out of work for at least 12 months will receive the equivalent of \$1000 per month for 6 months, or until they find a job, whichever comes first. To be eligible for these payments, unemployed citizens must attend monthly job fairs run by the government.

How appropriate is the congress's decision?

- ☐ Very inappropriate (1)
 - ☐ Somewhat inappropriate (2)
 - ☐ Neither inappropriate nor appropriate (3)
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How appropriate is the congress's decision?

- ☐ Very inappropriate (1)
 - ☐ Somewhat inappropriate (2)
 - ☐ Neither inappropriate nor appropriate (3)
 - ☐ Somewhat appropriate (4)
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xAB7 The congress of a small country wants to provide support for citizens who are unable to find work, while also encouraging those citizens to find and take on jobs. The congress thinks of two different ways to do this, so it decides to run an experiment by randomly assigning citizens to one of two test conditions. Half of citizens who have been out of work for at least 12 months will receive the equivalent of \$1000 per month for 6 months, or until they find a job, whichever comes first. The other half will receive the equivalent of \$500 per month for 6 months, even if they find a job during that time. To be eligible for either of these payments, unemployed citizens must attend monthly job fairs run by the government. After a year, the congress will provide to all citizens who have been unemployed for at least 12 months whichever benefit system turns out to lead to lower unemployment among those who receive it. How appropriate is the congress's decision?

- ☐ Very inappropriate (1)
- ☐ Somewhat inappropriate (2)
- ☐ Neither inappropriate nor appropriate (3)
- ☐ Somewhat appropriate (4)
- ☐ Very appropriate (5)

FreeResponse In a couple of sentences, please tell us why you chose the option you chose.

End of Block: Vignettes

Start of Block: ScienceLiteracy

PlantFood Two scientists want to know if a certain new plant food will increase plant growth. The first scientist wants to give the new food to 1,000 plants and see how many of them grow larger than they were before they received the new food. The second scientist wants to give the new food to 500 plants and give the normal, standard food to another 500 plants, and see whether the plants in the first group grow more than the plants in the second group.

Which is the better way to test this plant food?

- ☐ Give the new food to all 1,000 plants. (1)
- ☐ Give the new food to 500 plants and give the normal, standard food to another 500 plants. (2)

Page Break

Genes A doctor tells a couple that their genetic makeup means that they have a one in four chance of having a child with an inherited illness.

GenesAnswer Does this mean that if their first child has the illness, the next three will not?

- ☐ No, the next three still might inherit the illness. (1)
- ☐ Yes, none of the next three children will have the illness. (2)

End of Block: ScienceLiteracy

Start of Block: ScienceLiteracyTF

Q24 Please indicate whether the following statements are true or false.

Earth The center of the Earth is very hot.

- ☐ True (1)
- ☐ False (2)
-

Radioact All radioactivity is man-made.

- ☐ True (1)
- ☐ False (2)
-

Lasers Lasers work by focusing sound waves.

☐ True (1)

☐ False (2)

Electrons Electrons are smaller than atoms.

☐ True (1)

☐ False (2)

Continents The continents have been moving their location for millions of years and will continue to move.

☐ True (1)

☐ False (2)

Gender It is the father's gene that decides whether the baby is a boy or a girl.

☐ True (1)

☐ False (2)

Antibiotics Antibiotics kill viruses as well as bacteria.

☐ True (1)

☐ False (2)

degree Do you have a college or graduate school degree in any science or engineering field?

- ☐ Yes, I do. (1)
- ☐ No, I do not. (2)
-

Degree_spec If you answered 'yes' to the question above, please enter the specific science or engineering field below.

End of Block: ScienceLiteracyTF

Start of Block: GodBeliefs

Q34 Please indicate how strongly you agree or disagree with each of the following statements.

God God or some type of nonhuman entity is in control of the events in the universe.

- ☐ Strongly disagree (1)
- ☐ Somewhat disagree (2)
- ☐ Neither disagree nor agree (3)
- ☐ Somewhat agree (4)
- ☐ Strongly agree (5)
-

Intuition We believe too often in science, and not enough in feelings and faith.

- ☐ Strongly disagree (1)
 - ☐ Somewhat disagree (2)
 - ☐ Neither disagree nor agree (3)
 - ☐ Somewhat agree (4)
 - ☐ Strongly agree (5)
-

Science Knowledge can best be obtained through scientific research.

- ☐ Strongly disagree (1)
- ☐ Somewhat disagree (2)
- ☐ Neither disagree nor agree (3)
- ☐ Somewhat agree (4)
- ☐ Strongly agree (5)

End of Block: GodBeliefs

Start of Block: Demographics

Sex What is your sex?

- ☐ Male (1)
 - ☐ Female (2)
 - ☐ Other (3)
-

Race/Ethnicity What race/ethnicity do you consider yourself? Check all that apply.

☐ Black/African-American (1)

☐ Hispanic or Latino (2)

☐ White (3)

☐ Asian (4)

☐ Other (5)



Age What is your age (in years)?

Education What is the highest level of education you have received?

☐ Less than High School (1)

☐ High School Degree (2)

☐ Some College (3)

☐ Four-Year College Degree (4)

☐ Some Graduate School (5)

☐ Graduate Degree (6)

Income What is the total annual income from everyone in your household?

- ☐ Less than \$20,000 (1)
- ☐ Between \$20,000 and \$40,000 (2)
- ☐ Between \$40,000 and \$60,000 (3)
- ☐ Between \$60,000 and \$80,000 (4)
- ☐ Between \$80,000 and \$100,000 (5)
- ☐ More than \$100,000 (6)

End of Block: Demographics

Start of Block: Debrief

Debrief Thank you for participating in our study. Your completion code to enter into Mechanical Turk will be displayed on the next page. Please copy this code down so that you may enter it into Mechanical Turk to receive credit for your participation.

Click the box below to proceed to your completion code.

End of Block: Debrief
