Captcha
Are you a bot?
Liam says to Emma: "It's a beautiful day, isn't it?"
Who is Liam talking to? (case sensitive)
A
Are you a bot?
Mia cave to Roniamin: "It's a beautiful day isn't it?"
Mia says to Benjamin: "It's a beautiful day, isn't it?"
Who is Mia talking to? (case sensitive)
Are you a bot?
William says to Ava: "It's a beautiful day, isn't it?"
Who is William talking to? (case sensitive)
Are you a bot?
Amelia says to Noah: "It's a beautiful day, isn't it?"

Who is Amelia talking to? (case sensitive)

Are you a bot?	
Evelyn says to James: "It's a beautiful day, isn't it?"	

# Who is Evelyn talking to? (case sensitive)

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# Intro\_Consent

Please consider this information carefully before deciding whether to participate in this research.

**Study Consent** 

Please consider this information carefully before deciding whether to participate in this research. The purpose of this research is to learn more about how people think about events. You will be asked to make judgments about scenarios involving different types of events. We are simply interested in your judgment. The study will take approximately 5 minutes to complete, and you will receive \$0.75 on Amazon Mechanical Turk.

There are no anticipated risks associated with participating in this study. The effects of participating should be comparable to those you would ordinarily experience from viewing a computer monitor and using a mouse or keyboard for a similar amount of time. At the end of the study, we will provide an explanation of the questions that motivate this line of research and will describe the potential implications. Your participation in this study is completely voluntary and you may refuse to participate or you may choose to withdraw at any time without penalty or loss of benefits to which you are otherwise entitled. Your participation in this study will remain confidential. No personally identifiable information will be associated with your data. Also, all analyses of the data will be averaged across all the participants, so your individual responses will never be specifically analyzed.

If you have questions or concerns about your participation or payment or want to request a summary of research findings, please contact the research manager: Kirstan Brodie, kbrodie@g.harvard.edu. For any other problems related to this study, you may also contact the faculty member supervising this work: Fiery Cushman, cushman@fas.harvard.edu. For questions, concerns, suggestions, or complaints that have not been or cannot be addressed by the researcher, or to report research-related harm, please contact the Committee on the Use of Human Subjects in Research at Harvard University, 1414 Massachusetts Avenue, Second Floor, Cambridge, MA 02138. Phone: 617-496-2847. Email: cuhs@fas.harvard.edu

Please print or save a copy of this form for your records. Agreement: The nature and purpose of this research have been sufficiently explained and I agree to participate in this study. I understand that I am free to withdraw at any time without incurring any penalty. Please consent by clicking the button below to continue. Otherwise, please exit the study at this time.

# Thank you for your participation in this experiment!

As a reminder, in this experiment, you will read a short story and answer one or more questions about this short story. If you are ready, click on the button below to continue.

# **Ship - Neutral**

Please imagine the following scenario:

While sailing on the sea, a large storm came upon a captain and his ship. As the waves began to grow larger, the captain realized that his small vessel was too heavy and the ship would flood if he didn't make it lighter. The only way that the captain could keep the ship from capsizing was to cut the cargo loose which is weighing the ship down. The captain knows that the cargo contains his wife's expensive art collection because that is what he packed into the cargo.

Fully realizing the cargo contains his wife's expensive art collection, the captain cut the cargo loose and it fell into the sea. While the cargo containing his wife's expensive art collection sank to the bottom of the sea, the captain was able to survive the storm and returned home safely.

Please rate how much you agree or disagree with the following statement:

"The ship captain was forced to cut the cargo loose and let it fall into the sea."

Strongly Disagree			Strongly Agree			
1 2	3	4	5	6	7	

Please rate how much you agree or disagree with the following:

"The captain knew that a number of illegal passengers were hiding in the cargo boxes."

<b>Strongly Disagree</b>				Strongly A	Agree
1 2	3	4	5	6	7

"The captain should have known whether or not a number of illegal passengers were hiding in the cargo boxes."

Strongly Disagree			Stron	gly Agree	
1 2	3	4	5	6	7

## Pen - Neutral

Please imagine the following scenario:

The receptionist in the philosophy department keeps her desk stocked with pens. Both the administrative assistants and the faculty members are allowed to take the pens, and both the administrative assistants and the faculty members typically do take the pens. The receptionist has repeatedly e-mailed them reminders

that both administrators and professors are allowed to take the pens.

On Monday, a brand new Professor, Professor Smith, starts her new job in the philosophy department. Even though she was recently appointed, she has received the emails that are repeatedly sent out by the receptionist, and knows that both administrators and professors are allowed to take pens. Early that morning, one of the administrative assistants encounters Professor Smith walking past the receptionist's desk. Both take pens. Later that day, the receptionist needs to take an important message...but she has a problem. There are no pens left on her desk.

Please rate how much you agree or disagree with the following statement:

"Prof. Smith caused the problem."

<b>Strongly Disagree</b>			Stron	gly Agree	
1 2	3	4	5	6	7

Please rate how much you agree or disagree with the following:

"Prof. Smith knew that only administrative assistants are allowed to take pens."

Strongly Disagree			Stron	gly Agree	
1 2	3	4	5	6	7

"Prof. Smith *should* have known whether or not only administrative assistants are allowed to take pens."

Strongly Disagree			Stron	gly Agree	
1 2	3	4	5	6	7

# Homeless - neutral

Please imagine the following scenario:

Dr. Bennett is an emergency-room physician. An unconscious homeless man is brought in, and his identity is unknown. Despite his homelesness, the man is wearing a tidy suit. The man's organ systems have shut down and a nurse has hooked him up to a respirator. Without the respirator he would die. With the respirator and some attention from Dr. Bennett he would live for a week or two, but he would never regain consciousness and could not live longer than two weeks.

Dr. Bennett recognizes the man as homeless and thinks to himself, "This poor man deserves to die with dignity. He shouldn't spend his last days hooked up to such a horrible machine. The best thing to do would be to disconnect him from the machine." For just that reason, Dr. Bennett disconnects the homeless man from the respirator, and the man quickly dies.

Please indicate your tendency concerning the following question:

"Is it more appropriate to say that Dr. Bennett ended the homeless man's life, or that he allowed it to end?"

Allowed to end			]	Ended	
1 2	3	4	5	6	7

Please rate how much you agree or disagree with the following:

"Dr. Bennett knew that the man in front of him was a homeless person."

Strongly Disagree			Stron	gly Agree	
1 2	3	4	5	6	7

"Dr. Bennett should have known whether or not the man in front of him was a homeless person."

Strongly Disagree			Strongly	<b>Agree</b>	
1 2	3	4	5	6	7

# vice-president - neutral

Please imagine the following scenario:

The vice-president of a company went to the chairman of the board and said, "We are thinking of starting a new program. It will help us increase profits, and it will also help the environment". The chairman of the board answered, "I don't care at all about helping the environment. I just want to make as much profit as I can. Let's start the new program." They started the new program. Sure enough, the environment was helped.

Please rate how much you agree or disagree with the following statement:

"The chairman of the board intentionally helped the environment."

Strongly di	sagree		Strongly agree		
1 2	3	4	5	6	7

Please rate how much you agree or disagree with the following:

"The chairman knew that the program harms the environment."

Strongly D	isagree		Stron	gly Agree	
1 2	3	4	5	6	7

"The chairman *should* have known whether or not the program harms the environment."

<b>Strongly Disagree</b>			Strongly	Agree	
1 2	3	4	5	6	7

happiness - morally good

Please imagine the following scenario:

After going to nursing school for several years, Sarah got a job at the children's hospital and sees many different children each day. This is the job she has always wanted. Almost every single day Sarah feels good and generally experiences a lot of pleasant emotions. In fact, it is very rare that she would ever feel negative emotions like sadness or loneliness. When Sarah thinks about her life, she always comes to the same conclusion: she feels highly satisfied with the way she lives.

The reason Sarah feels this way is that she tries to help the sick children by giving them vitamins that taste like gummy bears. Sarah doesn't really know how many children have been helped by her, but she likes to think about it when she falls asleep at night.

Please rate how much you agree or disagree with the following statement:

"Sarah is happy."

Strongly D	isagree		Stron	gly Agree	
1 2	3	4	5	6	7

Please rate how much you agree or disagree with the following:

"Sarah knew that the gummy vitamins contain pesticides."

	Strongly Disagree			Stron	<b>Strongly Agree</b>	
	Strongly Disagree 1 2 3		4	Stron 5	ngly Agree 6	7
	1 2	3	4	5	6	7
"Sarah <i>should</i> have	known whether or	not the gu	mmy vita	mins cor	ntain pest	ticides."
"Sarah should have	known whether or Strongly D	•	mmy vita		ntain pest	

# Force1 (Ship) ACTIVE - neutral

Please imagine the following scenario:

While sailing on the sea, a large storm came upon a captain and his ship. As the waves began to grow larger, the captain realized that his small vessel was too heavy and the ship would flood if he didn't make it lighter.

The only things on the captain's small boat were a single sailor and some small cargo that he was transporting. The captain and the sailor knew that the cargo contained the captain's wife's expensive art collection because that is what they packed into the cargo. The captain soon realized he had to throw something overboard to keep the ship from capsizing. Thinking quickly, the captain ordered the sailor to cut the cargo loose, fully realizing the cargo contains his wife's expensive art collection. While the cargo containing his wife's expensive art collection sank to the bottom of the sea, the captain and his ship survived the storm and returned home safely.

Please rate how much you agree or disagree with the following statement:

"The captain forced the sailor to cut the cargo loose and let it fall into the sea."

Strongly Di	Strongly Disagree Strongly				
1 2	3	4	5	6	7

Please rate how much you agree or disagree with the following:

"The captain knew that a number of illegal passengers were hiding in the cargo boxes."

Strongly Di	sagree		Stron	gly Agree	
1 2	3	4	5	6	7

"The captain should have known whether or not a number of illegal passengers were hiding in the cargo boxes."

Strongly Disagree			Stron	gly Agree	
1 2	3	4	5	6	7

# Force1 (Ship) PASSIVE - neutral

Please imagine the following scenario:

While sailing on the sea, a large storm came upon a captain and his ship. As the waves began to grow larger, the captain realized that his small vessel was too heavy and the ship would flood if he didn't make it lighter.

The only things on the captain's small boat were a single sailor and some small cargo that he was transporting. The captain and the sailor knew that the cargo contained the captain's wife's expensive art collection because that is what they packed into the cargo. The captain soon realized he had to throw something overboard to keep the ship from capsizing. Thinking quickly, the captain ordered the sailor to cut the cargo loose, fully realizing the cargo contains his wife's expensive art collection. While the cargo containing his wife's expensive art collection sank to the bottom of the sea, the captain and his ship survived the storm and returned home safely.

Please rate how much you agree or disagree with the following statement:

"The sailor was forced by the captain to cut the cargo loose and let it fall into the sea."

Strongly Dis	sagree		Stron	gly Agree	
1 2	3	4	5	6	7

Please rate how much you agree or disagree with the following:

"The captain knew that a number of illegal passengers were hiding in the cargo boxes."

Strongly Di	ngly Disagree Strongly Ag			gly Agree	
1 2	3	4	5	6	7

"The captain should have known whether of not a number of illegal passengers were hiding in the cargo boxes."

<b>Strongly Disagree</b>			Stron		
St2ongly D	isagreð	4	<b>S</b> tron	gly Agree	7
12	3	4	5	6	7

Force2 (Hospital) ACTIVE - Neutral Please imagine the following scenario:

At a certain hospital, there were very specific rules about the procedures doctors had to follow. The rules said that doctors didn't necessarily have to take the advice of consulting physicians but that they did have to follow the orders of the chief of surgery. One day, the chief of surgery ordered a doctor to prescribe the drug Accuphine for a patient. The doctor had always really liked the patient and wanted her to recover as quickly as possible. However, both the doctor and the chief knew that giving this patient Accuphine would result in an immediate recovery. The doctor went ahead and prescribed Accuphine. The patient recovered immediately.

Please rate how much	vou agree or disagree	e with the following	a statement:
i ioacciate iioii iiiacii	you agroo or aroagroo	, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	g Otatomionici

"Did the chief of surgery force the doctor to prescribe Accuphine?"

Strongly Di	isagree		Stron	gly Agree	
1 2	3	4	5	6	7

Please rate how much you agree or disagree with the following:

"The doctor knew that giving the patient Accuphine was going to result in the patient's death."

Strongly Di	sagree		Stron	gly Agree	
1 2	3	4	5	6	7

"The doctor should have known whether or not giving the patient Accuphine was going to result in the patient's death."

Strongly Dis	agree		Stron	gly Agree	
1 2	3	4	5	6	7

At a certain hospital, there were very specific rules about the procedures doctors had to follow. The rules said that doctors didn't necessarily have to take the advice of consulting physicians but that they did have to follow the orders of the chief of surgery. One day, the chief of surgery ordered a doctor to prescribe the drug Accuphine for a patient. The doctor had always really liked the patient and wanted her to recover as quickly as possible. However, both the doctor and the chief knew that giving patient Accuphine would result in an immediate recovery. The doctor went ahead and prescribed Accuphine. The patient recovered immediately.

Diana wata haw warra	b van aaraa ar diaaara	e with the following statement:	
Pleace rate now mile	n vnii anree or niganrei	e with the thiinwinn statement:	

"Was the doctor forced to prescribe Accuphine?"

Strongly Di	sagree		Stron	gly Agree	
1 2	3	4	5	6	7

Please rate how much you agree or disagree with the following:

"The doctor knew that giving the patient Accuphine was going to result in the patient's death."

Strongly D	isagree		Stron	gly Agree	
1 2	3	4	5	6	7

"The doctor should have known whether or not giving the patient Accuphine was going to result in the patient's death?"

Strongly D	isagree		Stron	igly agree	
1 2	3	4	5	6	7

**Battery, Conjunctive - Neutral** 

Please imagine the following scenario:

Billy and Suzy inherited an unusual type of hybrid car that has two special car batteries called Bartlett batteries. The car won't start unless it has two Bartlett batteries. Having one battery isn't enough to start the car. When they got the car, both Bartlett batteries were missing.

One day, Billy and Suzy are both out of the house. Billy is visiting his friend's house. His friend keeps most of his things stored in the garage of his house. The garage has two shelves, one black

and one white. The black shelf is the "give-away" shelf, where Billy's friend puts all the things he does not need anymore and wants to give away. The white shelf is the "in-use" shelf, where Billy's friend puts all the things he still needs and wants to use in the future.

Billy notices that there is a Bartlett battery on the black shelf. Back in the house, Billy asks his friend whether it is okay if he takes something from the "give-away" shelf. His friend replies that he is fine with that. Fully realizing that his friend agreed to give the Bartlett battery away, Billy takes the Bartlett battery from the black shelf.

Meanwhile, on the other side of town, Suzy walks into an automotive parts shop and happens to notice that they have decided to stop selling Bartlett batteries and are giving away the rest of their stock. There is one Bartlett battery left, which Suzy decides to take. When Billy and Suzy get home, they installed the two Bartlett batteries.

Since the car now had both Bartlett batteries, they were able to start the car.

Please rate how much you agree or disagree with the following statement:

"They were able to start the car because of Billy."

Strongly d	isagree		Stron	gly agree	
1 2	3	4	5	6	7

Now suppose that some people are discussing this story and wondering how things could have been different. In thinking about who could have acted differently, please tell us how relevant or irrelevant it would be to focus on the following:

Not at all r	elevant		Highl	y relevant	
1 2	3	4	5	6	7

Billy

Please rate how much you agree or disagree with the following:

"Billy knew that he was not allowed to take the Bartlett Battery."

Strongly Disagree Strongly Agree

	St2ongly I	Disagre <del>d</del>	4	<b>S</b> tron	gly Agree	7
	1 2	3	4	5	6	7
"Billy should have know	n whether or n	ot he was a	llowed to	take the	Bartlett	Battery."

<b>Strongly Disa</b>	igree		Stron	gly Agree	
1 2	3	4	5	6	7

**Battery, Disjunctive - Neutral** 

Please imagine the following scenario:

Billy and Suzy inherited an unusual type of hybrid car that has two special car batteries called Bartlett batteries. The car won't start unless it has at least one Bartlett battery. Having a second Bartlett battery isn't necessary to start the car. When they got the car, both Bartlett batteries were missing.

One day, Billy and Suzy are both out of the house. Billy is visiting his friend's house. His friend keeps most of his things stored in the garage of his house. The garage has two shelves, one black and one white. The black shelf is the "give-away" shelf, where Billy's friend puts all the things he does not need anymore and wants to give away. The white shelf is the "in-use" shelf, where Billy's friend puts all the things he still needs and wants to use in the future.

Billy notices that there is a Bartlett battery on the black shelf. Back in the house, Billy asks his friend whether it is okay if he takes something from the "give-away" shelf. His friend replies that he is fine with that. Fully realizing that his friend agreed to give the Bartlett battery away, Billy takes the Bartlett battery from the black shelf.

Meanwhile, on the other side of town, Suzy walks into an automotive parts shop and happens to notice that they have decided to stop selling Bartlett batteries and are giving away the rest of their stock. There is one Bartlett battery left, which Suzy decides to take. When Billy and Suzy get home, they installed the two Bartlett batteries.

Since all the car needed was at least one Bartlett battery, they were able to start the car.

Please rate how much you agree or disagree with the following statement:

"They were able to start the car because of Billy."

	Strongly	aisagree		Stron	igly agree	
	\$t2ongly	disagreð	4	<b>S</b> tron	ngly agree	7
	12	3	4	5	6	7
ow suppose that so ould have been diffe ell us how relevant o	erent. In thinking ab	out who co	uld have	acted dif	ferently, p	
		В	illy			
	Not at all	relevant		Highl	y relevant	
	1 2	3	4	5	6	7
Please rate how much	you agree or disagre	e with the fo	llowing:			
•	you agree or disagree		_	Bartlett B	attery."	
Please rate how much "Billy kno		allowed to t	_		attery." gly Agree	

Strongly D	isagree		Stron	gly Agree	
1 2	3	4	5	6	7

**Bridge, Conjunctive - Neutral** 

Please imagine the following scenario:

Billy and Suzy are freight train conductors. On this day, they are both driving on the same railway route. However, Billy usually does not drive on this route, but was spontaneously deployed in the morning to drive this route to transport freight. On this day, they happen to approach an old twoway rail bridge from opposite directions at the same time. There are signals on either side of the bridge.

The signal system on this route uses a different colour scheme than usual. A red light means "Go!", and a green light means "Stop!". Although Billy usually does not drive on this route, he knows about this special colour system on this route.

Billy's signal is red, so he knows he is supposed to drive across the bridge immediately. Suzy's signal is red, so she knows she is also supposed to drive across immediately.

Neither of them realizes that the bridge is on the verge of collapse. If they both drive their trains onto the bridge at the same time, it will collapse. Neither train is heavy enough on its own to break the bridge, but both together will be too heavy for it.

Fully realizing he is supposed to drive, Billy follows his signal and drives his train onto the bridge immediately at the same time that Suzy follows her signal and drives her train onto the bridge. Both trains move onto the bridge at the same time, and at that moment the bridge collapses.

Please rate how much you agree or disagree with the following statement:

"Billy caused the bridge to collapse."

Strongly d	isagree		Stron	igly agree	
1 2	3	4	5	6	7

Now suppose that some people are discussing this story and wondering how things could have been different. In thinking about who could have acted differently, please tell us how relevant or irrelevant it would be to focus on the following:

# Billy

Not at all re	levant		Highl	y relevant	
1 2	3	4	5	6	7

Please rate how much you agree or disagree with the following:

"Billy knew that his signal meant that he was supposed to stop."

Strongly Dis	sagree		Stron	gly Agree	
1 2	3	4	5	6	7

"Billy should have known whether or not his signal meant that he was supposed to stop."

**Strongly Disagree** 

**Strongly Agree** 

Strongly Disag	greð	4	<b>S</b> trongl	y <b>A</b> gree	7
1 2	3	4	5	6	7

# **Bridge, Disjunctive - Neutral**

Please imagine the following scenario:

Billy and Suzy are freight train conductors. On this day, they are both driving on the same railway route. However, Billy usually does not drive on this route, but was spontaneously deployed in the morning to drive this route to transport freight. On this day, they happen to approach an old twoway rail bridge from opposite directions at the same time. There are signals on either side of the bridge.

The signal system on this route uses a different colour scheme than usual. A red light means "Go!", and a green light means "Stop!". Although Billy usually does not drive on this route, he knows about this special colour system on this route.

Billy's signal is red, so he knows he is supposed to drive across the bridge immediately. Suzy's signal is red, so she knows she is also supposed to drive across immediately.

Neither of them realizes that the bridge is on the verge of collapse. If either of them drives their train onto the bridge, it will collapse. Either train is heavy enough on its own to break the bridge.

Fully realizing he is supposed to drive, Billy follows his signal and drives his train onto the bridge immediately at the same time that Suzy follows her signal and drives her train onto the bridge. Both trains move onto the bridge at the same time, and at that moment the bridge collapses.

Please rate how much you agree or disagree with the following statement:

"Billy caused the bridge to collapse."

Strongly d	isagree		Stron	gly agree	
1 2	3	4	5	6	7

Now suppose that some people are discussing this story and wondering how things could have been different. In thinking about who could have acted differently, please tell us how relevant or irrelevant it would be to focus on the following:

Not at all re	levant		Highl	y relevant	
1 2	3	4	5	6	7

Billy

Please rate how much you agree or disagree with the following:

"Billy knew th	at his signal m	eant that he	e was sup	pposed to	stop."	
	Strongly I	Disagree		Stron	gly Agree	
	12	3	4	5	6	7
Billy <i>should</i> have know	wn whether or r	not his sign	al meant	that he v	vas supp	osed to

Strongly Disagree Strongly Agree

12 3 4 5 6

7

Motion Detector, Conjunctive - Neutral Please imagine the following scenario:

Suzy and Billy are working on a project that is very important for our nation's security. Usually, the boss sends out e-mails with instructions for the next day. If no other instructions are given, both Suzy and Billy come into the office at 9am in the morning.

One day, the boss sends out an e-mail to both Suzy and Billy with instructions for the next day: "Be sure that you are here at exactly 9am. It is absolutely essential that you arrive at that time." Both receive the e-mail and learn about their instructions for the next day.

The next day, both Billy and Suzy arrive at 9am.

As it happens there was a motion detector installed in the room where they arrived. The motion detector was set up to be triggered if *more than one person* appeared in the room at the same time. So the motion detector went off.

Please rate how much you agree or disagree with the following statement:

"Billy caused the motion detector to go off."

12 3 4 5 6 7

**Strongly agree** 

Now suppose that some people are discussing this story and wondering how things could have been different. In thinking about who could have acted differently, please tell us how relevant or irrelevant it would be to focus on the following:

Strongly disagree

	Not at all	relevant		Highl	y relevant	
	12	3	4	5	6	7
Please rate how much you	u agree or disagre	e with the fo	llowing:			
"Billy knew t	hat he was not s	upposed to	come in	at 9am th	at day."	
	Strongly 1	Disagree		Stron	gly Agree	
	12	2	4	5	6	7
	1 2	3	4	3	V	·
"Billy <i>should</i> have knov day."		ot he was no		ed to cor		am that

Suzy and Billy are working on a project that is very important for our nation's security. Usually, the boss sends out e-mails with instructions for the next day. If no other instructions are given, both Suzy and Billy come into the office at 9am in the morning.

One day, the boss sends out an e-mail to both Suzy and Billy with instructions for the next day: "Be sure that you are here at exactly 9am. It is absolutely essential that you arrive at that time." Both receive the e-mail and learn about their instructions for the next day.

The next day, both Billy and Suzy arrive at 9am.

As it happens there was a motion detector installed in the room where they arrived. The motion detector was set up to be triggered if *at least one person* appeared in the room. So the motion detector went off.

Please rate how much you agree or disagree with the following statement:

"Billy caused the motion detector to go off."

Strongly disagree

**Strongly agree** 

	\$t2ongly d	lisagreð	4	<b>S</b> tron	igly agree	7
	1 2	3	4	5	6	7
low suppose that som ould have been differ ell us how relevant or	ent. In thinking abo	out who co	uld have	acted dif	ferently, p	
		В	illy			
	Not at all 1	relevant		Highl	y relevant	
	1 2	3	4	5	6	7
Please rate how much yo	ou agree or disagree	with the fo	llowing:			
Please rate how much yo	ou agree or disagree		_	at 9am th	nat day."	
	-	upposed to	_		nat day." gly Agree	

"Billy *should* have known whether or not he was not supposed to come in at 9am that day."

Strongly Dis	agree		Stron	gly Agree	
1 2	3	4	5	6	7

# **Computer, Conjunctive - Neutral**

Please imagine the following scenario:

Billy and Suzy work for a company that has a central computer. If two people log in to the central computer at exactly 9:27am, some work e-mails will be immediately deleted.

In order to make sure that two people are available to answer phone calls during designated calling hours, the company issued the following new official policy: Billy and Suzy are both permitted to log in to the central computer in the mornings, and neither of them are permitted to log in to the central computer in the afternoons.

The secretary of the company informs Suzy and Billy about the new policy by sending them an email. Both receive the e-mail and learn about the new policy.

Please rate how much yo	u agree or disagre	e with the fo	llowing st	atement:		
	"Billy ca	used the e	-mails to	be delete	ed."	
	Strongly	disagree		Stror	ıgly agree	
	1 2	3	4	5	6	7
ould have been differe	ent. In thinking ab	out who co I be to focu	uld have	acted dif		please
could have been differe	ent. In thinking ab	out who co I be to focu B	ould have is on the	acted dii following		
could have been differe	ent. In thinking ab irrelevant it would	out who co I be to focu B	ould have is on the	acted dit following Highl	j: y relevant	
could have been differe	ent. In thinking ab irrelevant it would Not at all 1 2	out who co d be to focu B relevant	ould have as on the silly	acted dit following Highl	j: y relevant	;
could have been different ell us how relevant or i	ent. In thinking ab irrelevant it would Not at all 1 2	out who could be to focul  Brelevant  3	ould have is on the silly  4	acted dif following Highl	y relevant 6	7
Now suppose that some could have been different ell us how relevant or in the course of the course o	ent. In thinking ab irrelevant it would Not at all 1 2	out who co d be to focu B relevant 3	ould have is on the silly  4	acted diffollowing Highl 5	y relevant 6	7 nornings

computer in the mornings"

**Strongly Disagree Strongly Agree** 12 3 4 5 6 7

Computer, Disjunctive - Neutral Please imagine the following scenario:

Billy and Suzy work for a company that has a central computer. If anyone logs in to the central

computer at exactly 9:27am, some work e-mails will be immediately deleted.

In order to make sure that two people are available to answer phone calls during designated calling hours, the company issued the following new official policy: Billy and Suzy are both permitted to log in to the central computer in the mornings, and neither of them are permitted to log in to the central computer in the afternoons.

The secretary of the company informs Suzy and Billy about the new policy by sending them an email. Both receive the e-mail and learn about the new policy.

This morning at exactly 9:27am, Billy and Suzy both log into the central computer at the same time. Immediately, some work e-mails are deleted.

Please rate how much you agree or disagree with the following statement:

"Billy caused the e-mails to be deleted."

<b>Strongly Disagree</b>			<b>Strongly Agree</b>				
1 2	3	4	5	6	7		

Now suppose that some people are discussing this story and wondering how things could have been different. In thinking about who could have acted differently, please tell us how relevant or irrelevant it would be to focus on the following:

Billy
-------

Not at all relevant			Highly relevant		
1 2	3	4	5	6	7

Please rate how much you agree or disagree with the following:

"Billy knew that he was not supposed to log into the central computer in the mornings."

Strongly D		Strongly Agro				
1 2	3	4	5	6	7	

"Billy should have known whether or not he was not supposed to log into the central computer in the mornings"

	Strongly Disagree Strongly Disagree			Strongly Agree Strongly Agree		
	1 2	3	4	5	6	7
	1 2	3	4	5	6	7

# **Desire/decide - Neutral**

Please imagine the following scenario:

The vice-president of a company went to the chairman of the board and said, "We are thinking of starting a new program. It will help us increase profits, and it will also help the environment". The chairman of the board answered, "I don't care at all about helping the environment. I just want to make as much profit as I can. Let's start the new program." They started the new program. Sure enough, the environment was helped.

Please rate how much you agree or disagree with the following statements:

"Did the chairman have a desire to help the environment?"

Disagre	e	Agree				
1 2	3	4	5	6	7	

"The chairman decided to help the environment."

Disagre	e				
1 2	3	4	5	6	7

Please rate how much you agree or disagree with the following:

Ctuonaly Discourse

"The chairman knew that he was harming the environment."

Strongly Disagree				Strongly A	Agree
1 2	3	4	5	6	7

CAuse alex A ause

"The chairman should have known whether or not he was harming the environment."

	Strongly Disagree Strongly Disagree			Strongly Agree Strongly Agree		
	1 2	3	4	5	6	7
	1 2	3	4	5	6	7

# Advocate/in favor of - Neutral

Please imagine the following scenario:

The management of a popular coffee franchise held a meeting to discuss a new procedure for preparing and serving coffee.

The assistant manager spoke forcefully in favor of adopting the new procedure, saying:

"I know that this new procedure will mean less work for the employees, which will make them very happy. But that is not what we should be concerned about. The new procedure will increase profits, and that should be our goal."

# Please rate how much you agree or disagree with the following statements: "The assistant manager advocated making the employees do less work."

Disagree Agree
12 3 4 5 6 7

"The assistant manager was in favor of making the employees do less work."

Disagree Agree
1 2 3 4 5 6 7

Please rate how much you agree or disagree with the following:

"The assistant manager knew he was making the employees do more work."

Strongly Disagree Strongly Agree

1 2 3 4 5 6 7

"The assistant manager should have known whether or not he was making the employees do more work."

Strongly Disagree				Strongly Agree		
1 2	3	4	5	6	7	

# **Opposed to - Neutral**

Please imagine the following scenario:

The CEO of a company was talking with his assistant. The assistant said: 'We have conducted an in-depth study of the company's proposed new policy. Our study shows that the new policy would decrease profits for the company and that it would also help the environment.'

ent."
gree
6 7
nt. <sup>?</sup>
Strongly Agree
6 7
e environment."
e environment." Strongly Agree
•

# **Intended to/wanted to - Neutral**

Please imagine the following scenario:

A man wants to defuse a bomb that will kill thousands of innocent tourists if it explodes. The only way to defuse the

bomb is to enter the correct code on a keypad, but the man does not know the code. There is only a one in ten million chance of his guessing the code.

The man is fully aware that there is virtually no chance that he will successfully defuse the bomb, but he desperately wants to save the tourists. So, without even looking at the keypad, he just randomly presses some keys.

Please rate how much you agre	ee or disagree	with the fol	llowing st	atements.	•		
	"The man inte	nded to defu	se the bom	b. <b>''</b>			
	Disag	gree		A	Agree		
	1 2	3	4	5	6	7	
	"The man wan	ted to defuse	e the bomb	.**			
	Disagree				Agree		
	1 2	3	4	5	6	7	
Please rate how much you agre	ee or disagree	with the fol	llowing:				
"The	man knew he v	vas detonat	ing the bo	mb. <b>''</b>			
Strongly Disagree Strongly Agree					Agree		
	1 2	3	4	5	6	7	
"The man should ha	ve known whe	ther or not	he was de	tonating t	he bomb. <sup>9</sup>	•	
Str	ongly Disagree	<u>.</u>			<b>Strongly</b>	Agree	
	1 2	3	4	5	6	7	

**Ship Modal Proxy - Neutral** 

Please imagine the following scenario:

While sailing on the sea, a large storm came upon a captain and his ship. As the waves began to grow larger, the captain realized that his small vessel was too heavy and the ship would flood if he didn't make it

lighter. The only way that the captain could keep the ship from capsizing was to cut the cargo loose which is weighing the ship down. The captain knows that the cargo contains his wife's expensive art collection because that is what he packed into the cargo.

Fully realizing the cargo contains his wife's expensive art collection, the captain cut the cargo loose and it fell into the sea. While the cargo containing his wife's expensive art collection sank to the bottom of the sea, the captain was able to survive the storm and returned home safely.

Please rate how much you agree or disagree with the following statement:

"Given the circumstances, the captain had to cut the cargo loose and let it fall into the sea."

Strongly D	isagree		Stron	gly Agree	
1 2	3	4	5	6	7

Please rate how much you agree or disagree with the following:

"The captain knew that a number of illegal passengers were hiding in the cargo boxes."

Strongly Disagree				Strongly Agree	
1 2	3	4	5	6	7

"The captain should have known whether or not a number of illegal passengers were hiding in the cargo boxes."

Strongly Di	sagree		Stron	gly Agree	
1 2	3	4	5	6	7

# **Pen Modal Proxy - Neutral**

Please imagine the following scenario:

The receptionist in the philosophy department keeps her desk stocked with pens. Both the administrative assistants and the faculty members are allowed to take the pens, and both the administrative assistants and the faculty members typically do take the pens. The receptionist has repeatedly e-mailed them reminders that both administrators and professors are allowed to take the pens.

On Monday, a brand new Professor, Professor Smith, starts her new job in the philosophy department. Even though she was recently appointed, she has received the emails that are repeatedly sent out by the receptionist, and knows that both administrators and professors are allowed to take pens. Early that morning, one of the administrative assistants encounters Professor Smith walking past the receptionist's desk. Both take pens. Later that day, the receptionist needs to take an important message...but she has a problem. There are no pens left on her desk.

"Given th	e actions of the pr	ofessor, the	problem l	nad to occ	cur."	
	Strongly I	Disagree		Stron	gly Agree	
	1 2	3	4	5	6	7
Please rate how much you	u agree or disagree	e with the fo	llowing sta	atement:		
"Given the action	ns of the administr	ative assist	ant, the pr	oblem ha	d to occui	."
	Strongly I	Disagree		Stron	gly Agree	
	1 2	3	4	5	6	7
·	agree or disagree w	_		o take pen	ns."	
·	agree or disagree w	ssistants are				
·	agree or disagree w	ssistants are			gly Agree	7
Prof. Smith knew that on Prof. Smith <i>should</i> have l	agree or disagree welly administrative a Strongly I	Disagree	allowed to	Stron 5	gly Agree 6	7 wed to ta
Please rate how much you 'Prof. Smith knew that on 'Prof. Smith should have bens."	agree or disagree welly administrative a Strongly I	Disagree  3 not only adn	allowed to	Stron 5 e assistant	gly Agree 6	7 wed to ta

Jake takes part in a rifle contest. His aunt accompanies him to the rifle contest and watches him from the sideline. Jake desperately wants to win the rifle contest. He knows that he will only win the contest if he hits the bull's-eye. He also knows that the rifle bullets that are used in this contest have so much speed that they usually pierce through the target. He raises the rifle, gets the bull's-eye in the sights, and presses the trigger. But Jake is not very good at using his rifle. His hand slips on the barrel of the gun, and the shot goes wild. Nonetheless, the bullet lands directly on the bull's-eye and goes through the target. Jake wins the contest.

	Please rate how much you agree or disagree with the following statement:
ı	

"Jake hit the bull's-eye through sheer luck"

Strongly D	isagree		Stron	gly Agree	
1 2	3	4	5	6	7

Please rate how much you agree or disagree with the following:

"Jake knew that the rifle bullets would pierce through the target and hit his aunt."

Strongly D	isagree		Stron	gly Agree	
1 2	3	4	5	6	7

"Jake *should* have known whether or not the rifle bullets would pierce through the target and hit his aunt"

Strongly Disagree			<b>Strongly Agree</b>			
1 2	3	4	5	6	7	

## **Gizmos - Neutral**

Please imagine the following scenario:

The convention in the Gizmo industry is for Gizmos to be a dark color. Specifically, the convention is to make Gizmos that are colored darker than blue. The vice-president of a company in the Gizmo industry went to the chairman of the board and said, "We are thinking of starting a new program. It will help us increase profits, but it will result in our Gizmos being colored black. The convention is to make Gizmos colored darker than blue, so we would be complying with the convention." The chairman of the board answered, "I don't care at all about the color of the Gizmos. I just want to make as much profit as I can. Let's start the new program." They started the program. As it happened, the Gizmos were black, colored darker than blue.

Please rate how much you agree or disagree with the following statement:

"How appropriate is it to say the chairman of the board intentionally made Gizmos colored darker than blue?"

	Not at All Ap	ppropriate		Very A	ppropriat	e
	Not at All A <sub>l</sub> 1 2	ppropriate 3	4	Very A	ppropriat 6	e 7
	1 2	3	4	5	6	7
lease rate how muc	ch you agree or disagree v	with the follov	ving:			
he chairman of th	he board knew the color o	conventions o	of Gizmos	."		
	Strongly 1	Disagree		Stron	gly Agree	
				_	(	7
	12	3	4	5	6	/
he chairman of th						
he chairman of th	1 2 he board <i>should</i> have kno					,
The chairman of th		own the color		ons of Giz		,

# **Scrubs - Neutral**

Please imagine the following scenario:

There is a convention in medicine that medical students wear darker-colored scrubs than doctors. Specifically, the convention is for medical students to wear dark blue scrubs and doctors to wear light blue scrubs. An employee went to the Chief of Medicine and said, "We are thinking of buying our scrubs from a new medical supply company. Using this new company will save the hospital money, but we will only have one choice for color. Specifically, the medical students' scrubs will be dark blue, much darker than they are currently. The convention is for med students to wear dark blue, so we would be complying with the convention." The Chief of Medicine answered, "I don't care at all the color of medical students' scrubs. I just want to save money. Let's go with the new supply company." They bought from the new supply company. As a result, medical students' scrubs were dark blue.

Please rate how much you agree or disagree with the following statement:

"How appropriate is it to say the Chief of Medicine intentionally made Scrubs colored darker than blue?"

Not at All Appropriate

Very Appropriate 12 3 5 7

Please rate how much you agree or disagree with the following:

"The Chief of Medicine knew the color conventions of Scrubs."

	Strongly D	isagree		Stron	gly Agree	
	12	3	4	5	6	7
ne Chief of Medicine	should have known th		ventions o			
ne Chief of Medicine	<i>should</i> have known th Strongly D		ventions o		gly Agree	

The convention in the trucking industry is to have truck trailers that are colored darker than blue. An employee at a trucking company went to the boss and said, "We are thinking of changing the paint we use for the truck trailers. It will help cut costs, but it will result in our trailers being black. The convention is to have trailers colored darker than blue, so we would be complying with the convention." The boss answered, "I don't care at all about the color of the trailers. I just want to cut costs as much as I can. Let's start the new program." They started the program. As it happened, the trailers were black, colored darker than blue.

Please rate how much	vou agree or disa	aree with the fol	llowing statement:

"How appropriate is it to say the boss intentionally made truck trailers colored darker than blue?"

Not at All App	Not at All Appropriate			Very Appropriate			
1 2	3	4	5	6	7		

Please rate how much you agree or disagree with the following:

"The boss knew the color conventions of truck trailers."

Strongly Dis	Strongly Disagree			gly Agree		
1 2	3	4	5	6	7	

"The boss *should* have known the color conventions of truck trailers"

Strongly D	isagree		Stron	gly Agree	
1 2	3	4	5	6	7

# Ship - Immoral, Knowledge

Please imagine the following scenario:

While sailing on the sea, a large storm came upon a captain and his ship. As the waves began to grow larger, the captain realized that his small vessel was too heavy and the ship would flood if he didn't make it lighter. The only way that the captain could keep the ship from capsizing was to cut the cargo loose which is weighing the ship down. The captain knows that the cargo contains his wife's expensive art collection because that is what he packed into the cargo. However, he also learned that a number of illegal passengers have hidden in the cargo boxes before the ship left the harbor.

Fully realizing the cargo contains passengers, the captain cut the cargo loose and it fell into the sea. While the cargo containing the illegal passengers sank to the bottom of the sea, the captain was able to survive the storm and returned home safely.

Please rate how much you agree or disagree with the following statement:

"The ship captain was forced to cut the cargo loose and let it fall into the sea."

Strongly Dis	sagree		Stron	gly Agree	
1 2	3	4	5	6	7

Please rate how much you agree or disagree with the following:

"The captain knew that a number of illegal passengers were hiding in the cargo boxes."

Strongly Di	sagree		Strongly Agree		
1 2	3	4	5	6	7

"The captain *should* have known whether or not a number of illegal passengers were hiding in the cargo boxes."

Strongly D		Stron	gly Agree		
1 2	3	4	5	6	7

Strongly Disagree		Strongly Agree			
1 2	3	4	5	6	7

# Pen - Immoral, Knowledge

Please imagine the following scenario:

The receptionist in the philosophy department keeps her desk stocked with pens. The administrative assistants are allowed to take pens, but faculty members are supposed to buy their own. The administrative assistants typically do take the pens. Unfortunately, so do the faculty members. The receptionist has repeatedly e-mailed them reminders that only administrators are allowed to take the pens.

On Monday, a brand new professor, Professor Smith, starts her new job in the philosophy department. Even though she was recently appointed, she has received the emails that are repeatedly sent out by the receptionist, and knows that only administrators are allowed to take pens. Early that morning, one of the administrative assistants encounters Professor Smith walking past the receptionist's desk. Both take pens. Later that day, the receptionist needs to take an important message...but she has a problem. There are no pens left on her desk.

Please rate how much you agree or disagree with the following statement:

"Prof. Smith caused the problem."

Strongly Disagree			Stron	gly Agree	
1 2	3	4	5	6	7

Please rate how much you agree or disagree with the following:

"Prof. Smith knew that only administrative assistants are allowed to take pens."

Strongly Dis	Strongly Disagree			gly Agree	
1 2	3	4	5	6	7

"Prof. Smith *should* have known whether or not only administrative assistants are allowed to take pens."

Strongly Dis	Strongly Disagree			Strongly Agree		
1 2	3	4	5	6	7	

Dr. Bennett is an emergency-room physician. An unconscious homeless man is brought in, and his identity is unknown. Despite his homelesness, the man is wearing a tidy suit. The man's organ systems have shut down and a nurse has hooked him up to a respirator. Without the respirator he would die. With the respirator and some attention from Dr. Bennett he would live for a week or two, but he would never regain consciousness and could not live longer than two weeks.

Dr. Bennett recognizes the man as homeless and thinks to himself, "This bum deserves to die. He shouldn't sit here soaking up my valuable time and resources. The best thing to do would be to disconnect him from the machine." For just that reason, Dr. Bennett disconnects the homeless man from the respirator, and the man quickly dies.

Please indicate your tendency concerning the following question:

"Is it more appropriate to say that Dr. Bennett ended the homeless man's life, or that he allowed it to end?"

Allowed to end			]	Ended	
1 2	3	4	5	6	7

Please rate how much you agree or disagree with the following:

"Dr. Bennett knew that the man in front of him was a homeless person."

Strongly Disagree			Stron	gly Agree	
1 2	3	4	5	6	7

"Dr. Bennett should have known whether or not the man in front of him was a homeless person."

Strongly Dis		Stron	gly Agree		
1 2	3	4	5	6	7

vice-president - immoral, knowledge

Please imagine the following scenario:

The vice-president of a company went to the chairman of the board and said, "We are thinking of starting a new program. It will help us increase profits, and it will also harm the environment." The chairman of the board answered, "I don't care at all about harming the environment. I just want to make as much profit as I can. Let's start the new program." They started the new program. Sure enough, the environment was harmed.

Please rate how much you agree or disagree with the following statement:

"The chairman of the board intentionally harmed t	the environment."
---	-------------------

Strongly D	isagree		<b>Strongly Agree</b>		
1 2	3	4	5	6	7

Please rate how much you agree or disagree with the following:

"The chairman knew that the program harms the environment."

Strongly D	Disagree		Stron	<b>Strongly Agree</b>		
1 2	3	4	5	6	7	

"The chairman *should* have known whether or not the program harms the environment."

<b>Strongly Disagree</b>			<b>Strongly Agree</b>			
1 2	3	4	5	6	7	

# happiness - morally bad, knowledge

Please imagine the following scenario:

After going to nursing school for several years, Sarah got a job at the children's hospital and sees many different children each day. This is the job she has always wanted. Almost every single day Sarah feels good and generally experiences a lot of pleasant emotions. In fact, it is very rare that she would ever feel negative emotions like sadness or loneliness. When Sarah thinks about her life, she always comes to the same conclusion: she feels highly satisfied with the way she lives.

The reason Sarah feels this way is that she tries to poison the sick children by giving them vitamins that have pesticides inside of them. Sarah doesn't really know how many children have been harmed by her, but she likes to think about it when she falls asleep at night.

Please rate how much you agree or disagree with the following statement:

"Sarah is happy."

Strongly Disagree			Strongly Agree			
1 2	3	4	5	6	7	

Please rate how much you agree or disagree with the following:

"Sarah knew that the gummy vitamins contain pesticides."

Strongly Disagree			Strongly Agree			
1 2	3	4	5	6	7	

"Sarah should have known whether or not the gummy vitamins contain pesticides."

Strongly Disagree			Strongly Agree			
1 2	3	4	5	6	7	

Force1 (Ship) ACTIVE - immoral, knowledge Please imagine the following scenario:

While sailing on the sea, a large storm came upon a captain and his ship. As the waves began to grow larger, the captain realized that his small vessel was too heavy and the ship would flood if he didn't make it lighter.

The only things on the captain's small boat were a single sailor and some small cargo that he was transporting. The captain and the sailor knew that the cargo contained the captain's wife's expensive art collection because that is what they packed into the cargo. However, they also learned that a number of illegal passengers hid in the cargo boxes before the ship left the harbor. The captain soon realized he had to throw something overboard to keep the ship from capsizing. Thinking quickly, the captain ordered the sailor to cut the cargo loose, fully realizing the cargo contains passengers. While the cargo containing the illegal passengers sank to the bottom of the sea, the captain and his ship survived the storm and returned home safely.

Please rate how much you agree or disagree with the following statement:

"The captain forced the sailor to cut the cargo loose and let it fall into the sea."

<b>Strongly Disagree</b>			Stron	gly Agree	
1 2	3	4	5	6	7

Please rate how much you agree or disagree with the following:

"The captain knew that a number of illegal passengers were hiding in the cargo boxes."

	Strongly I	Disagree		Stron		
	1 2	3	4	5	6	7
"The captain <i>should</i> have		ner or not a the cargo b		of illegal	passeng	ers were
	Strongly Disagree			Stron	gly Agree	
	1 2	3	4	5	6	7
Force1 (Ship) PASSIVE - immo						
Vhile sailing on the sea, a large arger, the captain realized that highter.						
The only things on the captain's stransporting. The captain and the collection because that is what the legal passengers hid in the carghrow something overboard to ke o cut the cargo loose, fully realize bassengers sank to the bottom of cafely.	e sailor knew that bey packed into the o boxes before the ep the ship from ing the cargo cor	the cargo cone cargo. Howe ship left the capsizing. The capsizing are trains passen	ntained the vever, they e harbor. T sinking quid gers. Whil	e captain's also learr he captair ckly, the ca e the carg	wife's exp ned that a n n soon real nptain orde o containin	ensive art number of ized he had red the sailo ig the illegal
Please rate how much you a	gree or disagree	e with the fo	llowing st	atement:		

"The sailor was forced by the captain to cut the cargo loose and let it fall into the sea."

**Strongly Agree** 

**Strongly Agree** 

7

7

5

5

4

**Strongly Disagree** 

"The captain knew that a number of illegal passengers were hiding in the cargo boxes."

**Strongly Disagree** 

12

12

Please rate how much you agree or disagree with the following:

"The captain should have known whether of not a number of illegal passengers were hiding in the cargo boxes."

Strongly Disagree			<b>Strongly Agree</b>			
1 2	3	4	5	6	7	

Force2 (Hospital) ACTIVE - Immoral, Knowledge Please imagine the following scenario:

At a certain hospital, there were very specific rules about the procedures doctors had to follow. The rules said that doctors didn't necessarily have to take the advice of consulting physicians but that they did have to follow the orders of the chief of surgery. One day, the chief of surgery ordered a doctor to prescribe the drug Accuphine for a patient. The doctor had always disliked this patient and actually didn't want her to be cured. However, both the doctor and the chief knew that giving this patient Accuphine would result in her death. The doctor went ahead and prescribed Accuphine. The patient died shortly thereafter.

Please rate how much you agree or disagree with the following statement:

"Did the chief of surgery force the doctor to prescribe Accuphine?"

Strongly Di	congly Disagree Strong		ongly Agree		
12	3	4	5	6	7

Please rate how much you agree or disagree with the following:

"The doctor knew that giving the patient Accuphine was going to result in the patient's death."

Strongly Di	Disagree Strongly Agr				
1 2	3	4	5	6	7

"The doctor should have known whether or not giving the patient Accuphine was going to result in the patient's death."

Strongly Disagree Strongly Agree

\$t2ongly Disag	reð	4	<b>S</b> trongly	y <b>A</b> gree	7
1 2	3	4	5	6	7

### Force2 (Hospital) PASSIVE - Immoral, Knowledge Please imagine the following scenario:

Accuphine. The patient died shortly thereafter.

At a certain hospital, there were very specific rules about the procedures doctors had to follow. The rules said that doctors didn't necessarily have to take the advice of consulting physicians but that they did have to follow the orders of the chief of surgery. One day, the chief of surgery ordered a doctor to prescribe the drug Accuphine for a patient. The doctor had always disliked this patient and actually didn't want her to be cured. However, both the doctor and the chief knew that giving this patient Accuphine would result in her death. The doctor went ahead and prescribed

Please rate how much you agree or disagre	as with the following statement:

"Was the doctor forced to prescribe Accuphine?"

Strongly Di		Stron	gly Agree		
1 2	3	4	5	6	7

Please rate how much you agree or disagree with the following:

"The doctor knew that giving the patient Accuphine was going to result in the patient's death."

Strongly Disagree			Stron	gly Agree	
1.2	3	4	5	6	7

"The doctor should have known whether or not giving the patient Accuphine was going to result in the patient's death?"

Strongly Disagree			Stron	gly Agree	
1 2	3	4	5	6	7

Billy and Suzy inherited an unusual type of hybrid car that has two special car batteries called Bartlett batteries. The car won't start unless it has two Bartlett batteries. Having one battery isn't enough to start the car. When they got the car, both Bartlett batteries were missing.

One day, Billy and Suzy are both out of the house. Billy is visiting his friend's house. His friend keeps most of his things stored in the garage of his house. The garage has two shelves, one black and one white. The black shelf is the "give-away" shelf, where Billy's friend puts all the things he does not need anymore and wants to give away. The white shelf is the "in-use" shelf, where Billy's friend puts all the things he still needs and wants to use in the future.

Billy notices that there is a Bartlett battery on the white shelf. Back in the house, Billy asks his friend whether it is okay if he takes something from the "in-use" shelf. His friend replies that he is not fine with that, and that he still needs all the items on this shelf. Fully realizing that his friend has not agreed to give away the Bartlett battery, Billy takes the Bartlett battery from the white shelf.

Meanwhile, on the other side of town, Suzy walks into an automotive parts shop and happens to notice that they have decided to stop selling Bartlett batteries and are giving away the rest of their stock. There is one Bartlett battery left, which Suzy decides to take. When Billy and Suzy get home, they installed the two Bartlett batteries.

Since the car now had both Bartlett batteries, they were able to start the car.

Please rate how much you agree or disagree with the following statement:

"They were able to start the car because of Billy."

Strongly disagree			Stron	gly agree	
1 2	3	4	5	6	7

Now suppose that some people are discussing this story and wondering how things could have been different. In thinking about who could have acted differently, please tell us how relevant or irrelevant it would be to focus on the following:

Not at all re	Not at all relevant		Highl	y relevant	
1 2	3	4	5	6	7

Billy

Please rate how much you agree or disagree with the following:

"Billy knew that he was not allowed to take the Bartlett Battery."

	Strongly Dis	agree		Stron	gly Agree		
	1 2	3	4	5	6	7	

"Billy should have known whether or not he was allowed to take the Bartlett Battery."

Strongly Disagree			Stron	gly Agree	
1 2	3	4	5	6	7

Battery, Disjunctive - Immoral, Knowledge Please imagine the following scenario:

Billy and Suzy inherited an unusual type of hybrid car that has two special car batteries called Bartlett batteries. The car won't start unless it has at least one Bartlett battery. Having a second Bartlett battery isn't necessary to start the car. When they got the car, both Bartlett batteries were missing.

One day, Billy and Suzy are both out of the house. Billy is visiting his friend's house. His friend keeps most of his things stored in the garage of his house. The garage has two shelves, one black and one white. The black shelf is the "give-away" shelf, where Billy's friend puts all the things he does not need anymore and wants to give away. The white shelf is the "in-use" shelf, where Billy's friend puts all the things he still needs and wants to use in the future.

Billy notices that there is a Bartlett battery on the white shelf. Back in the house, Billy asks his friend whether it is okay if he takes something from the "in-use" shelf. His friend replies that he is not fine with that, and that he still needs all the items on this shelf. Fully realizing that his friend has not agreed to give away the Bartlett battery, Billy takes the Bartlett battery from the white shelf.

Meanwhile, on the other side of town, Suzy walks into an automotive parts shop and happens to notice that they have decided to stop selling Bartlett batteries and are giving away the rest of their stock. There is one Bartlett battery left, which Suzy decides to take. When Billy and Suzy get home, they installed the two Bartlett batteries.

Since all the car needed was at least one Bartlett battery, they were able to start the car.

Please rate how much you agree or disagree with the following statement:

"They were able to start the car because of Billy."

Strongly disagree Strongly agree

	\$t2ongly disagree	4	<b>S</b> trongly	gree	7
	12 3	4	5	6	7
could have been differe	e people are discussing nt. In thinking about who rrelevant it would be to t	could have	acted differ		
		Billy			
	Not at all relevant		Highly re	elevant	
	12 3	4	5	6	7
•	u agree or disagree with th	•	Doublett Datie		
•	u agree or disagree with the	•	Bartlett Batte	ery."	
•		to take the	Bartlett Batte Strongly	•	
•	that he was not allowed	to take the		•	7
"Billy knew	that he was not allowed Strongly Disagree	to take the	Strongly 5	Agree 6	
"Billy knew	Strongly Disagree	to take the	Strongly 5	Agree 6 artlett B	

Bridge, Conjunctive - Immoral, Knowledge Please imagine the following scenario:

Billy and Suzy are freight train conductors. On this day, they are both driving on the same railway route. However, Billy usually does not drive on this route, but was spontaneously deployed in the morning to drive this route to transport freight. On this day, they happen to approach an old two-way rail bridge from opposite directions at the same time. There are signals on either side of the bridge.

The signal system on this route uses a different colour scheme than usual. A red light means "Go!", and a green light means "Stop!". Although Billy usually does not drive on this route, he knows about this special colour system on this route.

Billy's signal is green, so he knows he is supposed to stop and wait. Suzy's signal is red, so she knows she is supposed to drive across immediately.

Neither of them realizes that the bridge is on the verge of collapse. If they both drive their trains onto the bridge at the same time, it will collapse. Neither train is heavy enough on its own to break the bridge, but both together will be too heavy for it.

Fully realizing he is supposed to stop, Billy decides to ignore his signal and drives his train onto the bridge immediately at the same time that Suzy follows her signal and drives her train onto the bridge. Both trains move onto the bridge at the same time, and at that moment the bridge collapses.

Please rate how much you agree or disagree with the following statement:

"Billy caused the bridge to collapse."

Strongly disagree Strongly agree

1 2 3 4 5 6 7

Now suppose that some people are discussing this story and wondering how things could have been different. In thinking about who could have acted differently, please tell us how relevant or irrelevant it would be to focus on the following:

#### Billy

Not at all relevant			Highl	y relevant	
1 2	3	4	5	6	7

Please rate how much you agree or disagree with the following:

"Billy knew that his signal meant that he was supposed to stop."

Strongly Dis		Stron	gly Agree		
1 2	3	4	5	6	7

"Billy should have known whether or not his signal meant that he was supposed to stop."

Strongly Disagree			Stron	gly Agree	
1 2	3	4	5	6	7

<b>Strongly Disagree</b>			Strongly Agree		
1 2	3	4	5	6	7

Bridge, Disjunctive - Immoral, Knowledge Please imagine the following scenario:

Billy and Suzy are freight train conductors. On this day, they are both driving on the same railway route. However, Billy usually does not drive on this route, but was spontaneously deployed in the morning to drive this route to transport freight. On this day, they happen to approach an old two-way rail bridge from opposite directions at the same time. There are signals on either side of the bridge.

The signal system on this route uses a different colour scheme than usual. A red light means "Go!", and a green light means "Stop!". Although Billy usually does not drive on this route, he knows about this special colour system on this route.

Billy's signal is green, so he knows he is supposed to stop and wait. Suzy's signal is red, so she knows she is supposed to drive across immediately.

Neither of them realizes that the bridge is on the verge of collapse. If either of them drives their train onto the bridge, it will collapse. Either train is heavy enough on its own to break the bridge.

Fully realizing he is supposed to stop, Billy decides to ignore his signal and drives his train onto the bridge immediately at the same time that Suzy follows her signal and drives her train onto the bridge. Both trains move onto the bridge at the same time, and at that moment the bridge collapses.

Please rate how much you agree or disagree with the following statement:

"Billy caused the bridge to collapse."

Strongly disagree			Stron	igly agree	
1 2	3	4	5	6	7

Now suppose that some people are discussing this story and wondering how things could have been different. In thinking about who could have acted differently, please tell us how relevant or irrelevant it would be to focus on the following:

Not at all re	elevant		Highl	y relevant	
1 2	4	5	6	7	

Billy

Please rate how much you agree or disagree with the following:

"Billy knew that his signal meant that he was supposed to stop."

Strongly Disagree			Stron	gly Agree	
1 2	3	4	5	6	7

"Billy should have known whether or not his signal meant that he was supposed to stop."

<b>Strongly Disagree</b>			Stron	gly Agree	
1 2	3	4	5	6	7

Motion Detector, Conjunctive - Immoral, Knowledge Please imagine the following scenario:

Suzy and Billy are working on a project that is very important for our nation's security. Usually, the boss sends out e-mails with instructions for the next day. If no other instructions are given, both Suzy and Billy come into the office at 9am in the morning.

One day, the boss sends out an e-mail to Suzy with instructions for the next day: "Be sure that you are here at exactly 9am. It is absolutely essential that you arrive at that time." The same day, he also sends out an e-mail to Billy with instructions for the next day: "Be sure that you do not come in at all tomorrow morning. It is absolutely essential that you do not appear at that time." Both receive the e-mail and learn about their instructions for the next day.

The next day, both Billy and Suzy arrive at 9am.

As it happens there was a motion detector installed in the room where they arrived. The motion detector was set up to be triggered if *more than one person* appeared in the room at the same time. So the motion detector went off.

Please rate how much you agree or disagree with the following statement:

"Billy caused the motion detector to go off."

Strongly disagree			Stron	igly agree	
1 2	3	4	5	6	7

Now suppose that some people are discussing this story and wondering how things could have been different. In thinking about who could have acted differently, please

tell us how relevant or irr	relevant it would	l be to focu	s on the	ioliowing	)-	
		В	illy			
	Not at all relevant Highly relevant					
	12	3	4	5	6	7
Please rate how much you	agree or disagree	e with the fo	llowing:			
"Billy knew th	at he was not su	upposed to	come in	at 9am th	nat day."	
"Billy knew th	at he was not su Strongly I		come in		nat day." gly Agree	
"Billy knew th			come in	Stron	gly Agree	7

Motion Detector, Disjunctive - Immoral, Knowledge

Please imagine the following scenario:

Suzy and Billy are working on a project that is very important for our nation's security. Usually, the boss sends out e-mails with instructions for the next day. If no other instructions are given, both Suzy and Billy come into the office at 9am in the morning.

3

4

5

7

One day, the boss sends out an e-mail to Suzy with instructions for the next day: "Be sure that you are here at exactly 9am. It is absolutely essential that you arrive at that time." The same day, he also sends out an e-mail to Billy with instructions for the next day: "Be sure that you do not come in at all tomorrow morning. It is absolutely essential that you do not appear at that time." Both receive the e-mail and learn about their instructions for the next day.

The next day, both Billy and Suzy arrive at 9am.

As it happens there was a motion detector installed in the room where they arrived. The motion detector was set up to be triggered if *at least one person* appeared in the room. So the motion detector went off.

Please rate how much you agree or disagree with the following statement:

12

"Billy caused the motion detector to go off."										
	Strongly o	Strongly disagree			gly agree					
	1 2	3	4	5	6	7				
Now suppose that some people are discussing this story and wondering how things could have been different. In thinking about who could have acted differently, please tell us how relevant or irrelevant it would be to focus on the following:										
		E	Billy							
	Not at all	relevant		Highl	y relevant					
	1 2	3	4	5	6	7				
	ayree or ursayree	e with the fo	llowing:							
•	nat he was not su			at 9am th	at day."					
•		upposed to			nat day." gly Agree					
•	nat he was not su	upposed to			-	7				
•	Strongly I	upposed to Disagree	come in	Stron 5	gly Agree					
"Billy knew th	Strongly I	upposed to Disagree 3	come in	Stron 5 ed to cor	gly Agree					

Computer, Conjunctive - Immoral, Knowledge Please imagine the following scenario:

Billy and Suzy work for a company that has a central computer. If two people log in to the central computer at exactly 9:27am, some work e-mails will be immediately deleted.

In order to make sure that two people are available to answer phone calls during designated calling hours, the company issued the following new official policy: Suzy is the only one permitted to log in to the central computer in the mornings, whereas Billy is the only one permitted to log in to the central computer in the afternoons. Billy is never permitted to log into the central computer in the mornings.

The secretary of the company informs Suzy and Billy about the new policy by sending them an email. Both receive the e-mail and learn about the new policy.

This morning at exactly 9:27am, Billy and Suzy both log into the central computer at the same time. Immediately, some work e-mails are deleted.

Please rate how much you agree or disagree with the following statement:

"Billy caused the e-mails to be deleted."

Strongly disagree Strongly agree

1 2 3 4 5 6 7

Now suppose that some people are discussing this story and wondering how things could have been different. In thinking about who could have acted differently, please tell us how relevant or irrelevant it would be to focus on the following:

#### Billy

Not at all relevant			Highl	y relevant	
1 2	3	4	5	6	7

Please rate how much you agree or disagree with the following:

"Billy knew that he was not supposed to log into the central computer in the mornings."

Strongly Disagree			Stron	gly Agree	
1 2	3	4	5	6	7

"Billy should have known whether or not he was not supposed to log into the central computer in the mornings"

Strongly Disagree			Stron	gly Agree	
1 2	3	4	5	6	7

Please imagine the following scenario:

Billy and Suzy work for a company that has a central computer. If anyone logs in to the central computer at exactly 9:27am, some work e-mails will be immediately deleted.

In order to make sure that two people are available to answer phone calls during designated calling hours, the company issued the following new official policy: Suzy is the only one permitted to log in to the central computer in the mornings, whereas Billy is the only one permitted to log in to the central computer in the afternoons. Billy is never permitted to log into the central computer in the mornings.

The secretary of the company informs Suzy and Billy about the new policy by sending them an e-mail. Both receive the e-mail and learn about the new policy.

This morning at exactly 9:27am, Billy and Suzy both log into the central computer at the same time. Immediately, some work e-mails are deleted.

# Please rate how much you agree or disagree with the following statement:

"Billy caused the e-mails to be deleted."

Strongly disagree			Stron	gly agree	
1 2	3	4	5	6	7

Now suppose that some people are discussing this story and wondering how things could have been different. In thinking about who could have acted differently, please tell us how relevant or irrelevant it would be to focus on the following:

Not at all 1	relevant	Highl	y relevant		
1 2	3	4	5	6	7

Billy

Please rate how much you agree or disagree with the following:

"Billy knew that he was not supposed to log into the central computer in the mornings."

Strongly Di	sagree	Stron	gly Agree		
1 2	3	4	5	6	7

"Billy should have known		ot he was n in the morr		sed to lo	g into th	e central
	Strongly D	isagree		Stron	gly Agree	
	1 2	3	4	5	6	7
Desire/decide - Immoral, Know Please imagine the following s						
The vice-president of a company new program. It will help us increboard answered, "I don't care at a can. Let's start the new program." harmed.	ease profits, and it all about harming	t will also har the environn	m the env nent. I just	ironment." want to m	The cha	irman of the uch profit as I
Please rate how much you a	gree or disagree	with the fol	lowing st	atements:		
•	'Did the chairma	ın have a de	sire to ha	rm the en	vironmen	it?"
	Disa	gree		A	Agree	
	1 2	3	4	5	6	7
	"The chairma	an decided 1	to harm th	e environ	ment."	
	Disa	gree		A	gree	
	1 2	3	4	5	6	7
Please rate how much you a	gree or disagree	with the fol	llowing:			
"The cha	airman knew he	was harmin	g the envi	ronment.	••	
\$	Strongly Disagre	e			Strongly	Agree
	1 2	3	4	5	6	7
"The chairman should	have known whe	ether or not	he was ha	rming the	environn	nent."

	Strongly Disagre	æ			Strongry	Agree
	1 2	3	4	5	6	7
dvocate/in favor of - Imn Please imagine the follow	,					
he management of a popular of the first of t	coffee franchise held a m	neeting to disc	uss a new p	rocedure fo	or preparing	and serving
ne assistant manager spoke fo	orcefully in favor of adop	oting the new p	procedure, s	saying:		
know that this new procedur at is not what we should be c						
Please rate how much y	ou agree or disagree	with the fol	llowing st	atements.	;	
	"The assistant manag	er advocated	making th	e employee	es do more	work."
	Disa	gree		A	Agree	
	12	3	4	5	6	7
"1	The assistant manager v	vas in favor o	f making t	he employe	ees do more	e work."
	Disa	gree		A	Agree	
	1 2	3	4	5	6	7
Please rate how much y	ou agree or disagree	with the fol	llowing:			
<sup>66</sup> The assistan	it manager knew he w	yas making t	he emplo	yees do m	ore work.	••
	Strongly Disagre	e			Strongly	Agree
	1 2	3	4	5	6	7
66The assistant manag	ger should have know	n whether o	r not he w	as makin	g the empl	oyees do

**Strongly Disagree** 

**Strongly Agree** 

	Strongly Disagree				Strongly .	Agree
	1 2	3	4	5	6	7
1 77 1						

#### Opposed to - Immoral, Knowledge

Please imagine the following scenario:

The CEO of a company was talking with his assistant. The assistant said: 'We have conducted an in-depth study of the company's proposed new policy. Our study shows that the new policy would decrease profits for the company and that it would also harm the environment.'

The CEO said: 'Look, I don't really care about what happens to the environment. What I care about is making sure that our profits don't decrease. So, with that in mind, let's definitely not implement that new policy.'

lease rate how much you agr						
	"The CEO wa	as opposed to	harming t	ne environi	nent.	
	Disagree			Agree		
	1 2	3	4	5	6	7
ease rate how much you agr	ee or disagree	e with the fo	llowing:			
"The CEO kn	new that the no	liav would b	arm the e	nvinonmo	nt <sup>99</sup>	
	Po	oncy would h	iai iii tiic (	nvironine	III.	
Str	rongly Disagre	•	arm the C	atvironine	nt. Strongly	Agree
Str		•	4	5		Agree 7
"The CEO should have kn	rongly Disagre	ee 3	4	5	Strongly 6	7
"The CEO should have kn	rongly Disagre	ee 3 or not the po	4	5	Strongly 6	7 ment."

Intended to/wanted to - Immoral, Knowledge Please imagine the following scenario:

A man wants to detonate a bomb that will kill thousands of innocent tourists if it explodes. The only way to detonate the bomb is to enter the correct code on a keypad, but the man does not know the code. There is only a one in ten million chance of his guessing the code.

The man is fully aware that there is virtually no chance that he will successfully detonate the bomb, but he desperately wants to kill the tourists. So, without even looking at the keypad, he just randomly presses some keys.

Please rate how much you agree or	r disagree	with the fol	lowing st	atements	•	
"Ті	ne man inte	nded to detor	nate the bo	omb."		
	Disag	gree		A	Agree	
	12	3	4	5	6	7
<b>"</b> TI	ne man wan	ted to detona	ate the bon	ո <b>ծ.<sup>*†</sup></b>		
	Disag	gree		A	Agree	
	1 2	3	4	5	6	7
Please rate how much you agree or	r disagree	with the fol	lowing:			
"The man	knew he v	vas detonat	ing the bo	mb. <b>''</b>		
Strong	ly Disagree	9			Strongly	Agree
	1 2	3	4	5	6	7
"The man should have k	nown whe	ther or not	ne was de	tonating t	he bomb.	,
Strong	ly Disagree	2			Strongly	Agree
1	1 2	3	4	5	6	7
Ship Modal Proxy - Immoral, Knowle	dae					

Ship Modal Proxy - Immoral, Knowledge Please imagine the following scenario:

While sailing on the sea, a large storm came upon a captain and his ship. As the waves began to grow larger, the captain realized that his small vessel was too heavy and the ship would flood if he didn't make it lighter. The only way that the captain could keep the ship from capsizing was to cut the cargo loose which is weighing the ship down. The captain knows that the cargo contains his wife's expensive art collection because that is what he packed into the cargo. However, he also learned that a number of illegal passengers have hidden in the cargo boxes before the ship left the harbor.

Fully realizing the cargo contains passengers, the captain cut the cargo loose and it fell into the sea. While the cargo containing the illegal passengers sank to the bottom of the sea, the captain was able to survive the storm and returned home safely.

#### Please rate how much you agree or disagree with the following statement:

"Given the circumstances, the captain had to cut the cargo loose and let it fall into the sea."

Strongly D	isagree	Stron	gly Agree		
1 2	3	4	5	6	7

Please rate how much you agree or disagree with the following:

"The captain knew that a number of illegal passengers were hiding in the cargo boxes."

<b>Strongly Disagree</b>				Strongly A	Agree
1 2	3	4	5	6	7

"The captain *should* have known whether or not a number of illegal passengers were hiding in the cargo boxes."

Strongly Disa	agree		Stron	gly Agree	
1 2	3	4	5	6	7

### Pen Modal Proxy - Immoral, Knowledge

Please imagine the following scenario:

The receptionist in the philosophy department keeps her desk stocked with pens. The administrative assistants are allowed to take pens, but faculty members are supposed to buy their own. The administrative assistants typically do take the pens. Unfortunately, so do the faculty members. The receptionist has repeatedly e-mailed them reminders that only administrators are allowed to take the pens.

On Monday, a brand new professor, Professor Smith, starts her new job in the philosophy department. Even though she was recently appointed, she has received the emails that are repeatedly sent out by the receptionist, and knows that only administrators are allowed to take pens. Early that morning, one of the administrative assistants encounters Professor Smith walking past the receptionist's desk. Both take pens. Later that day, the receptionist needs to take an important message...but she has a problem. There are no pens left on her desk.

Please rate how much you ag	gree or disagree	e with the fo	llowing st	atement:		
"Given the a	ctions of the pr	ofessor, the	problem	had to occ	ur."	
	Strongly I	Disagree		Stron	gly Agree	
	1 2	3	4	5	6	7
Please rate how much you ag	ree or disagree	e with the fo	llowing st	atement:		
"Given the actions of	of the administr	ative assista	ant, the pr	oblem had	d to occur	. "
	Strongly I	Disagree		Stron	gly Agree	
	1 2	3	4	5	6	7
Please rate how much you agr	ee or disagree w	rith the follo	ving:			
"Prof. Smith knew that only a	dministrative a	ssistants are	allowed t	o take pen	s."	
	Strongly I	Disagree		Stron	gly Agree	
	1 2	3	4	5	6	7
"Prof. Smith should have kno pens."	wn whether or 1	not only adn	ninistrativ	e assistant	s are allov	ved to take
	Strongly I	Disagree		Stron	gly Agree	

Bullseye Modal Proxy - Immoral, Knowledge Please imagine the following scenario:

Jake takes part in a rifle contest. His aunt accompanies him to the rifle contest and watches him from the sideline. Jake desperately wants to have more money. He knows that he will inherit a lot of money when his aunt dies. He also knows that the rifle bullets that are used in this contest have so much speed that they usually pierce through the target. One moment, he sees his aunt standing right behind the target. The chest area where the heart sits is at the level of the bulls eye. Jake raises his rifle, gets the bulls-eye and her in the sights, and presses the trigger. But Jake is not very good at

using his rifle. His hand slips on the barrel of the gun, and the shot goes wild. Nonetheless, the bullet lands directly on the bull's-eye, goes through the target and hits his aunt directly in the heart. She dies instantly.

#### Please rate how much you agree or disagree with the following statement:

"Jake hit his aunt through sheer luck."

Strongly Disagree			Stron	gly Agree	
1 2	3	4	5	6	7

Please rate how much you agree or disagree with the following:

"Jake knew that the rifle bullets would pierce through the target and hit his aunt."

<b>Strongly Disagree</b>			Stron	gly Agree	
1 2	3	4	5	6	7

"Jake should have known whether or not the rifle bullets would pierce through the target and hit his aunt"

Strongly Disagree			Stron	gly Agree	
1 2	3	4	5	6	7

#### Gizmos - Immoral, Knowledge

Please imagine the following scenario:

The convention in the Gizmo industry is for Gizmos to be a light color. Specifically, the convention is to make Gizmos that are colored lighter than blue. The vice-president of a company in the Gizmo industry went to the chairman of the board and said, "We are thinking of starting a new program. It will help us increase profits, but it will result in our Gizmos being colored black. The convention is to make Gizmos colored lighter than blue, so we would be violating the convention." The chairman of the board answered, "I don't care at all about the color of the Gizmos. I just want to make as much profit as I can. Let's start the new program." They started the program. As it happened, the Gizmos were black, colored darker than blue.

Please rate how much you agree or disagree with the following statement:

"How appropriate is it to	say the chairman of t	he board inten blue?"	itionally m	ade Gizmo	s colored d	arker than
	Not at All A <sub>I</sub>	propriate		Very A	ppropriat	e
	1 2	3	4	5	6	7
The chairman of the bo	ard knew the color o	conventions o	f Gizmos.	"		
	Strongly 1	Disagree		<b>Strongly Agree</b>		
	1 2	3	4	5	6	7

Strongly Disagree			Stron	gly Agree	
1 2	3	4	5	6	7

#### Scrubs - Immoral, Knowledge

Please imagine the following scenario:

There is a convention in medicine that medical students wear lighter-colored scrubs than doctors. Specifically, the convention is for medical students to wear light blue scrubs and doctors to wear dark blue scrubs. An employee went to the Chief of Medicine and said, "We are thinking of buying our scrubs from a new medical supply company. Using this new company will save the hospital money, but we will only have one choice for color. Specifically, the medical students' scrubs will be dark blue, much darker than they are currently. The convention is for med students to wear light blue, so we would be violating the convention." The Chief of Medicine answered, "I don't care at all the color of medical students' scrubs. I just want to save money. Let's go with the new supply company." They bought from the new supply company. As a result, medical students' scrubs were dark blue.

Please rate now much	you agree or	aisagree with	the following statement:
----------------------	--------------	---------------	--------------------------

"How appropriate is it to say the Chief of Medicine intentionally made Scrubs colored darker than blue?"

Not at All Appropriate			Very A	ppropriat	e
1 2	3	4	5	6	7

	Not at All Appropriate			Very A	Very Appropriate				
	1 2	3	4	5	6	7			
Please rate how much you agree or disagree with the following:  "The Chief of Medicine knew the color conventions of Scrubs."									
	Strongly 1	Disagree		Strongly Agree					
	1 2	3	4	5	6	7			
"The Chief of Medicine show	<i>ıld</i> have known t	he color conv	ventions o	f Scrubs"					
	Strongly 1	Strongly Disagree							
	1 2	3	4	5	6	7			
Const. Tradition Landson IV.									

#### Truck Trailers - Immoral, Knowledge

Please imagine the following scenario:

The convention in the trucking industry is to have truck trailers that are colored lighter than blue. An employee at a trucking company went to the boss and said, "We are thinking of changing the paint we use for the truck trailers. It will help cut costs, but it will result in our trailers being black. The convention is to have trailers colored lighter than blue, so we would be violating the convention." The boss answered, "I don't care at all about the color of the trailers. I just want to cut costs as much as I can. Let's start the new program." They started the program. As it happened, the trailers were black, colored darker than blue.

Please rate how much you agree or disagree with the following statement:

"How appropriate is it to say the boss intentionally made truck trailers colored darker than blue?"

Not at All Appropriate			Very A	ppropriate	e
1 2	3	4	5	6	7

Please rate how much you agree or disagree with the following:

"The boss knew the color conventions of truck trailers."

	Strongly D	Strongly Disagree			Strongly Agree	
	1 2	3	4	5	6	7
"The boss <i>should</i> have k	nown the color conve	ntions of tru	ıck trailer	s"		
"The boss <i>should</i> have k	nown the color conve		ick trailer		gly Agree	

Please imagine the following scenario:

While sailing on the sea, a large storm came upon a captain and his ship. As the waves began to grow larger, the captain realized that his small vessel was too heavy and the ship would flood if he didn't make it lighter. The only way that the captain could keep the ship from capsizing was to cut the cargo loose which is weighing the ship down. The captain thinks that the cargo contains his wife's expensive art collection because that is what he packed into the cargo. However, completely unbeknownst to the captain, a number of illegal passengers have hidden in the cargo boxes before the ship left the harbor.

Without realizing the cargo contains passengers, the captain cut the cargo loose and it fell into the sea. While the cargo containing the illegal passengers sank to the bottom of the sea, the captain was able to survive the storm and returned home safely.

Please rate how much you agree or disagree with the following statement:

"The ship captain was forced to cut the cargo loose and let it fall into the sea."

Strongly Disagree			Stron	gly Agree	
1 2	3	4	5	6	7

Please rate how much you agree or disagree with the following:

"The captain knew that a number of illegal passengers were hiding in the cargo boxes."

Strongly Disagree			Stron	gly Agree	
1 2	3	4	5	6	7

"The captain should have known whether or not a number of illegal passengers were hiding in the cargo boxes."

Strongly I	<b>Strongly Disagree</b>			<b>Strongly Agree</b>		
1 2	3	4	5	6	7	

#### Pen - Immoral, No Knowledge

Please imagine the following scenario:

The receptionist in the philosophy department keeps her desk stocked with pens. The administrative assistants are allowed to take pens, but faculty members are supposed to buy their own. The administrative assistants typically do take the pens. Unfortunately, so do the faculty members. The receptionist has repeatedly e-mailed them reminders that only administrators are allowed to take the pens.

On Monday, a brand new professor, Professor Smith, starts her new job in the philosophy department. As a result of her recent appointment, she has not received any of the emails that are repeatedly sent out by the receptionist, and does not know that only administrators are allowed to take pens. On Monday morning, one of the administrative assistants encounters Professor Smith walking past the receptionist's desk. Both take pens. Later that day, the receptionist needs to take an important message...but she has a problem. There are no pens left on her desk.

Please rate how much you agree or disagree with the following statement:

"Prof. Smith caused the problem."

Strongly Disagree			<b>Strongly Agree</b>			
1 2	3	4	5	6	7	

Please rate how much you agree or disagree with the following:

"Prof. Smith knew that only administrative assistants are allowed to take pens."

Strongly Disagree			Strongly Agree			
1 2	3	4	5	6	7	

"Prof. Smith should have known whether or not only administrative assistants are allowed to take pens."

Strongly Di	sagree	<b>Strongly Agree</b>			
1 2	3	4	5	6	7

#### Homeless - immoral, no knowledge

*Please imagine the following scenario:* 

Dr. Bennett is an emergency-room physician. An unconscious homeless man is brought in, and his identity is unknown. Despite his homelesness, the man is wearing a tidy suit. The man's organ systems have shut down and a nurse has hooked him up to a respirator. Without the respirator he would die. With the respirator and some attention from Dr. Bennett he would live for a week or two, but he would never regain consciousness and could not live longer than two weeks.

In the past, when treating a homeless person, Dr. Bennett has often been overheard saying "This bum deserves to die. He shouldn't sit here soaking up my valuable time and resources. The best thing to do would be to disconnect him from the machine". However, in this case, Dr. Bennett does not realize that the particular man in front of him is a homeless person, and no one mentions this to him. Dr. Bennett just thinks to himself: "This poor man deserves to die with dignity. The best thing to do would be to disconnect this man from the machine." For just that reason, Dr. Bennett disconnects the homeless man from the respirator, and the man quickly dies.

Please indicate your tendency concerning the following question:

"Is it more appropriate to say that Dr. Bennett ended the homeless man's life, or that he allowed it to end?"

Allowed to	owed to end		J	Ended	
1 2	3	4	5	6	7

Please rate how much you agree or disagree with the following:

"Dr. Bennett knew that the man in front of him was a homeless person."

Strongly Dis	agree		Stron	gly Agree	
1 2	3	4	5	6	7

"Dr. Bennett should have known whether or not the man in front of him was a homeless person."

Strongly Dis	Strongly Disagree		Stron	Strongly Agree		
1 2	3	4	5	6	7	

vice-president - immoral, no knowledge

Please imagine the following scenario:

The vice-president of a company went to the chairman of the board and said, "We are thinking of starting a new program. It will help us increase profits." The chairman of the board answered, "I just want to make as much profit as I can. Let's start the new program." However, completely

unbeknownst to everyone in the company, the program actually harms the environment. They started the new program. Unexpectedly, the environment was harmed.

"The chairman of the board intentionally harmed the environment."

Strongly Disagree			Strongly Agree				
1 2	3	4	5	6	7		

Please rate how much you agree or disagree with the following:

"The chairman knew that the program harms the environment."

Strongly Di	sagree		Stron		
1 2	3	4	5	6	7

"The chairman *should* have known whether or not the program harms the environment."

Strongly Di	trongly Disagree		Stron	Strongly Agree		
1 2	3	4	5	6	7	

happiness - morally bad, no knowledge

Please imagine the following scenario:

After going to nursing school for several years, Sarah got a job at the children's hospital and sees many different children each day. This is the job she has always wanted. Almost every single day Sarah feels good and generally experiences a lot of pleasant emotions. In fact, it is very rare that she would ever feel negative emotions like sadness or loneliness. When Sarah thinks about her life, she always comes to the same conclusion: she feels highly satisfied with the way she lives.

The reason Sarah feels this way is that she tries to help the sick children by giving them vitamins that taste like gummy bears. Sarah doesn't really know how many children have been helped by her, but she likes to think about it when she falls asleep at night. While no one at the hospital including Sarah has any idea, the gummy vitamins Sarah has been giving the children actually contain pesticides. Many children have been harmed, though it is not clear how many.

Please rate how much you agree or disagree with the following statement:

	"Sarah is happy."							
	Strongly I	Disagree		Stron	<b>Strongly Agree</b>			
	1 2	3	4	5	6	7		
Please rate how much you "Sarah kn	agree or disagree			n pesticio	les."			
	Strongly I	Disagree		Strongly Agree				
	1 2	3	4	5	6	7		
"Sarah s <i>hould</i> have kr	own whether or	not the gu	mmy vita	mins cor	ntain pes	ticides."		
	Strongly Disagree Strongly Agree							
	1 2	3	4	5	6	7		
orce1 (Shin) ACTIVE - imm	1 1 1 1							

### Force1 (Ship) ACTIVE - immoral, no knowledge Please imagine the following scenario:

While sailing on the sea, a large storm came upon a captain and his ship. As the waves began to grow larger, the captain realized that his small vessel was too heavy and the ship would flood if he didn't make it lighter.

The only things on the captain's small boat were a single sailor and some small cargo that he was transporting. The captain and the sailor knew that the cargo contained his wife's expensive art collection because that is what they packed into the cargo. However, completely unbeknownst to them, a number of illegal passengers hid in the cargo boxes before the ship left the harbor. The captain soon realized he had to throw something overboard to keep the ship from capsizing. Thinking quickly, the captain ordered the sailor to cut the cargo loose, without realizing the cargo contains passengers. While the cargo containing the illegal passengers sank to the bottom of the sea, the captain and his ship survived the storm and returned home safely.

safely.	ers sank to the bottom	or the sea, the capta	in and his shi	p survived	the storm	and return	ed nome
Pleas	se rate how much you	ı agree or disagree	e with the fol	llowing st	atement:		
	"The cap	tain forced the sail	or to cut the	cargo loo	se and let	it fall into	the sea."
		Strongly I	Disagree		Stron	gly Agree	
		12	3	4	5	6	7

Please rate how much you agree or disagree with the following:

"The captain knew that a number of illegal passengers were hiding in the cargo boxes."

<b>Strongly Disagree</b>			Stron	gly Agree	
1 2	3	4	5	6	7

"The captain should have known whether or not a number of illegal passengers were hiding in the cargo boxes."

<b>Strongly Disagree</b>			<b>Strongly Agree</b>			
1 2	3	4	5	6	7	

Force1 (Ship) PASSIVE - immoral, no knowledge Please imagine the following scenario:

While sailing on the sea, a large storm came upon a captain and his ship. As the waves began to grow larger, the captain realized that his small vessel was too heavy and the ship would flood if he didn't make it lighter.

The only things on the captain's small boat were a single sailor and some small cargo that he was transporting. The captain and the sailor knew that the cargo contained his wife's expensive art collection because that is what they packed into the cargo. However, completely unbeknownst to them, a number of illegal passengers hid in the cargo boxes before the ship left the harbor. The captain soon realized he had to throw something overboard to keep the ship from capsizing. Thinking quickly, the captain ordered the sailor to cut the cargo loose, without realizing the cargo contains passengers. While the cargo containing the illegal passengers sank to the bottom of the sea, the captain and his ship survived the storm and returned home safely.

Please rate how much you agree or disagree with the following statement:

Strongly Disagran

"The sailor was forced by the captain to cut the cargo loose and let it fall into the sea."

Strongly Disagree			Stron	nigiy Agree		
1 2	3	4	5	6	7	

Strongly Agree

Please rate how much you agree or disagree with the following:

"The captain knew that a number of illegal passengers were hiding in the cargo boxes."

	Strongly I	<b>Strongly Disagree</b>			<b>Strongly Agree</b>	
	1 2	3	4	5	6	7
"The captain <i>should</i> hav		er of not a he cargo bo		of illegal	passenge	ers were
	Strongly I	Disagree		Stron	gly Agree	
	1 2	3	4	5	6	7
At a certain hospital, there we rules said that doctors didn't it they did have to follow the ord doctor to prescribe the drug A and actually didn't want her to patient Accuphine would resudoctor and the chief, giving the death. The doctor went ahead	necessarily have ders of the chief of Accuphine for a p to be cured. Both alt in an immediath his patient Accupled and prescribed	to take the a of surgery. C atient. The o the doctor a te recovery. hine was go Accuphine.	advice of One day, to doctor had nd the ch However, ing to res The patie	consulting he chief o d always o ief though complete ult in the p ent died sh	g physicia f surgery disliked th it that givi ly unbekr patient's ii	ns but that ordered a is patient ng this nownst to th mmediate
Please rate how much you a	agree or disagree				nine?"	
	Strongly I	Disagree		Stron	gly Agree	
	1 2	3	4	5	6	7

"The doctor knew that giving the patient Accuphine was going to result in the patient's death."

3

**Strongly Agree** 

6

7

5

**Strongly Disagree** 

12

Please rate how much you agree or disagree with the following:

"The doctor should have known whether or not giving the patient Accuphine was going to result in the patient's death."

Strongly Disagree			Strongly Agree			
1 2	3	4	5	6	7	

Force2 (Hospital) PASSIVE - Immoral, No Knowledge Please imagine the following scenario:

At a certain hospital, there were very specific rules about the procedures doctors had to follow. The rules said that doctors didn't necessarily have to take the advice of consulting physicians but that they did have to follow the orders of the chief of surgery. One day, the chief of surgery ordered a doctor to prescribe the drug Accuphine for a patient. The doctor had always disliked this patient and actually didn't want her to be cured. Both the doctor and the chief thought that giving this patient Accuphine would result in an immediate recovery. However, completely unbeknownst to the doctor and the chief, giving this patient Accuphine was going to result in the patient's immediate death. The doctor went ahead and prescribed Accuphine. The patient died shortly thereafter.

Please rate how much you agree or disagree with the following statement:

"Was the doctor forced to prescribe Accuphine?"

Strongly Disagree			Stron	gly Agree	
1 2	3	4	5	6	7

Please rate how much you agree or disagree with the following:

"The doctor knew that giving the patient Accuphine was going to result in the patient's death."

Strongly Disagree			Stron	gly Agree	
1 2	3	4	5	6	7

"The doctor should have known whether or not giving the patient Accuphine was going to result in the patient's death?"

Strongly I	isagree		Stron	gly Agree		
Strongly I 1 2	oisagree 3	4	Stron 5	gly Agree 6	7	
1 2	3	4	5	6	7	

Battery, Conjunctive - Immoral, No Knowledge Please imagine the following scenario:

Billy and Suzy inherited an unusual type of hybrid car that has two special car batteries called Bartlett batteries. The car won't start unless it has two Bartlett batteries. Having one battery isn't enough to start the car. When they got the car, both Bartlett batteries were missing.

One day, Billy and Suzy are both out of the house. Billy is visiting his friend's house. His friend keeps most of his things stored in the garage of his house. The garage has two shelves, one black and one white. The black shelf is the "give-away" shelf, where Billy's friend puts all the things he does not need anymore and wants to give away. The white shelf is the "in-use" shelf, where Billy's friend puts all the things he still needs and wants to use in the future.

Billy notices that there is a Bartlett battery on the black shelf. Back in the house, Billy asks his friend whether it is okay if he takes something from the "give-away" shelf. His friend replies that he is fine with that. However, Billy's friend accidentally forgot that he had recently changed his storage system, and the black shelf was now for "in-use" items, while the white shelf was for "give-away" items. Not realizing his friend's mistake, Billy takes the Bartlett battery from the black shelf.

Meanwhile, on the other side of town, Suzy walks into an automotive parts shop and happens to notice that they have decided to stop selling Bartlett batteries and are giving away the rest of their stock. There is one Bartlett battery left, which Suzy decides to take. When Billy and Suzy get home, they installed the two Bartlett batteries.

Since the car now had both Bartlett batteries, they were able to start the car.

Please rate how much you agree or disagree with the following statement:

"They were able to start the car because of Billy."

Strongly disagree			Stron	gly agree	
12	3	4	5	6	7

Now suppose that some people are discussing this story and wondering how things could have been different. In thinking about who could have acted differently, please tell us how relevant or irrelevant it would be to focus on the following:

Billy

	Not at all r	elevant		Highl	y relevant	
	Not at all r	Not at all relevant		Highly	y rel <b>g</b> vant	7
	1 2	3	4	5	6	7
Please rate how much you	agree or disagree	with the fo	llowing:			
"Billy knew t	hat he was not a	llowed to t	ake the E	Bartlett B	attery."	
	Strongly D	isagree		Stron	gly Agree	
	12	3	4	5	6	7
"Billy <i>should</i> have know	vn whether or no	ot he was a	illowed to	take the	Bartlett l	Battery."
"Billy <i>should</i> have know	vn whether or no	ot he was a	illowed to	take the	Bartlett l	Battery."
"Billy <i>should</i> have know	vn whether or no Strongly D		allowed to		Bartlett l	Battery."

Battery, Disjunctive - Immoral, No Knowledge Please imagine the following scenario:

Billy and Suzy inherited an unusual type of hybrid car that has two special car batteries called Bartlett batteries. The car won't start unless it has at least one Bartlett battery. Having a second Bartlett battery isn't necessary to start the car. When they got the car, both Bartlett batteries were missing.

One day, Billy and Suzy are both out of the house. Billy is visiting his friend's house. His friend keeps most of his things stored in the garage of his house. The garage has two shelves, one black and one white. The black shelf is the "give-away" shelf, where Billy's friend puts all the things he does not need anymore and wants to give away. The white shelf is the "in-use" shelf, where Billy's friend puts all the things he still needs and wants to use in the future.

Billy notices that there is a Bartlett battery on the black shelf. Back in the house, Billy asks his friend whether it is okay if he takes something from the "give-away" shelf. His friend replies that he is fine with that. However, Billy's friend accidentally forgot that he had recently changed his storage system, and the black shelf was now for "in-use" items, while the white shelf was for "give-away" items. Not realizing his friend's mistake, Billy takes the Bartlett battery from the black shelf.

Meanwhile, on the other side of town, Suzy walks into an automotive parts shop and happens to notice that they have decided to stop selling Bartlett batteries and are giving away the rest of their stock. There is one Bartlett battery left, which Suzy decides to take. When Billy and Suzy get home, they installed the two Bartlett batteries.

Since all the car needed was at least one Bartlett battery, they were able to start the car.

Please rate how much you agree or disagree with the following statement: "They were able to start the car because of Billy." Strongly disagree **Strongly agree** 3 4 5 12 6 7 Now suppose that some people are discussing this story and wondering how things could have been different. In thinking about who could have acted differently, please tell us how relevant or irrelevant it would be to focus on the following: **Billy** Not at all relevant **Highly relevant** 12 3 4 5 6 7 Please rate how much you agree or disagree with the following: "Billy knew that he was not allowed to take the Bartlett Battery." **Strongly Disagree Strongly Agree** 3 4 5 12 6 7

"Billy should have known whether or not he was allowed to take the Bartlett Battery."

Strongly D		Stron	gly Agree		
1 2	3	4	5	6	7

Bridge, Conjunctive - Immoral, No Knowledge Please imagine the following scenario:

Billy and Suzy are freight train conductors. On this day, they are both driving on the same railway route. However, Billy usually does not drive on this route, but was spontaneously deployed in the morning to drive this route to transport freight. On this day, they happen to approach an old two-way rail bridge from opposite directions at the same time. There are signals on either side of the bridge.

The signal system on this route uses a different colour scheme than usual. A red light means "Go!", and a green light means "Stop!". However, Billy usually does not drive on this route, and no one had told him about the special colour system on this route.

Billy's signal is green, so he thinks he is supposed to drive across immediately, but unbeknownst to him, he is actually supposed to stop. Suzy's signal is red, so she knows she is supposed to drive across immediately.

Neither of them realizes that the bridge is on the verge of collapse. If they both drive their trains onto the bridge at the same time, it will collapse. Neither train is heavy enough on its own to break the bridge, but both together will be too heavy for it.

Not realizing that he is supposed to stop, Billy drives his train onto the bridge immediately at the same time that Suzy follows her signal and drives her train onto the bridge. Both trains move onto the bridge at the same time, and at that moment the bridge collapses.

Please rate how much you agree or disagree with the following statement:

"Billy caused the bridge to collapse."

Strongly disagree			Stron	igly agree	
1 2	3	4	5	6	7

Now suppose that some people are discussing this story and wondering how things could have been different. In thinking about who could have acted differently, please tell us how relevant or irrelevant it would be to focus on the following:

Not at all r	elevant		Highl	y relevant	
1 2	3	4	5	6	7

Billy

Please rate how much you agree or disagree with the following:

"Billy knew that his signal meant that he was supposed to stop."

Strongly Di	isagree		Stron	gly Agree	
1 2	3	4	5	6	7

## "Billy should have known whether or not his signal meant that he was supposed to stop."

Strongly Di	Strongly Disagree			gly Agree	
1 2	3	4	5	6	7

Bridge, Disjunctive - Immoral, No Knowledge Please imagine the following scenario:

Billy and Suzy are freight train conductors. On this day, they are both driving on the same railway route. However, Billy usually does not drive on this route, but was spontaneously deployed in the morning to drive this route to transport freight. On this day, they happen to approach an old two-way rail bridge from opposite directions at the same time. There are signals on either side of the bridge.

The signal system on this route uses a different colour scheme than usual. A red light means "Go!", and a green light means "Stop!". However, Billy usually does not drive on this route, and no one had told him about the special colour system on this route.

Billy's signal is green, so he thinks he is supposed to drive across immediately, but unbeknownst to him, he is actually supposed to stop. Suzy's signal is red, so she knows she is supposed to drive across immediately.

Neither of them realizes that the bridge is on the verge of collapse. If either of them drives their train onto the bridge, it will collapse. Either train is heavy enough on its own to break the bridge.

Not realizing that he is supposed to stop, Billy drives his train onto the bridge immediately at the same time that Suzy follows her signal and drives her train onto the bridge. Both trains move onto the bridge at the same time, and at that moment the bridge collapses.

Please rate how much you agree or disagree with the following statement:

"Billy caused the bridge to collapse."

Strongly disagree Strongly agree

1 2 3 4 5 6 7

Now suppose that some people are discussing this story and wondering how things could have been different. In thinking about who could have acted differently, please tell us how relevant or irrelevant it would be to focus on the following:

Not at all	relevant		Highl	y relevant	
1 2	3	4	5	6	7

Billy

	ľ	Not at all rele	vant		Highly	relevant		
		1 2	3	4	5	6	7	

Please rate how much you agree or disagree with the following:

"Billy knew that his signal meant that he was supposed to stop."

Strongly D	isagree		Stron	gly Agree	
1 2	3	4	5	6	7

"Billy should have known whether or not his signal meant that he was supposed to stop."

Strongly Disagree			Stron	gly Agree	
1 2	3	4	5	6	7

Motion Detector, Conjunctive - Immoral, No Knowledge Please imagine the following scenario:

Suzy and Billy are working on a project that is very important for our nation's security. Usually, the boss sends out e-mails with instructions for the next day. If no other instructions are given, both Suzy and Billy come into the office at 9am in the morning.

One day, the boss sends out an e-mail to Suzy with instructions for the next day: "Be sure that you are here at exactly 9am. It is absolutely essential that you arrive at that time." The same day, he also sends out an e-mail to Billy with instructions for the next day: "Be sure that you do not come in at all tomorrow morning. It is absolutely essential that you do not appear at that time." Suzy receives her e-mail and learns about her instructions for the next day. However, the e-mail to Billy lands in his spam folder and is automatically deleted. As a result, Billy does not learn about his instructions for the next day

The next day, both Billy and Suzy arrive at 9am.

As it happens there was a motion detector installed in the room where they arrived. The motion detector was set up to be triggered if *more than one person* appeared in the room at the same time. So the motion detector went off.

Please rate how much you agree or disagree with the following statement:

"Billy caused the motion detector to go off."

	Strongly of	lisagree		Stron	gly agree	
	1 2	3	4	5	6	7
Now suppose that some could have been differe tell us how relevant or i	nt. In thinking ab	out who co	uld have	acted dif	ferently,	
		В	illy			
	Not at all	relevant		Highl	y relevant	
	1 2	3	4	5	6	7
Please rate how much you	u agree or disagree	with the fo	llowing:			
"Billy knew t	that he was not s	upposed to	come in	at 9am th	nat day."	
"Billy knew t	that he was not so Strongly I		come in		nat day." gly Agree	
"Billy knew t			come in		-	7
"Billy knew t "Billy <i>should</i> have know day."	Strongly I 1 2	Disagree 3	4	Stron 5	gly Agree	
"Billy <i>should</i> have know	Strongly I 1 2	Disagree 3 t he was no	4	Stron 5 sed to cor	gly Agree	am that

Motion Detector, Disjunctive - Immoral, No Knowledge

Please imagine the following scenario:

Suzy and Billy are working on a project that is very important for our nation's security. Usually, the boss sends out e-mails with instructions for the next day. If no other instructions are given, both Suzy and Billy come into the office at 9am in the morning.

One day, the boss sends out an e-mail to Suzy with instructions for the next day: "Be sure that you are here at exactly 9am. It is absolutely essential that you arrive at that time." The same day, he also sends out an e-mail to Billy with instructions for the next day: "Be sure that you do not come in at all tomorrow morning. It is absolutely essential that you do not appear at that time." Suzy receives her e-mail and learns about her instructions for the next day. However, the e-mail to Billy lands in his spam folder and is automatically deleted. As a result, Billy does not learn about his

The next day, both Billy and Suzy arrive at 9am.

As it happens there was a motion detector installed in the room where they arrived. The motion detector was set up to be triggered if *at least one person* appeared in the room. So the motion detector went off.

Please rate how much you agree or disagree with the following statement:

"Billy caused the motion detector to go off."

Strongly disagree Strongly agree

1 2 3 4 5 6 7

Now suppose that some people are discussing this story and wondering how things could have been different. In thinking about who could have acted differently, please tell us how relevant or irrelevant it would be to focus on the following:

Billy

Not at all re	elevant		Highl	y relevant	
1 2	3	4	5	6	7

Please rate how much you agree or disagree with the following:

"Billy knew that he was not supposed to come in at 9am that day."

Strongly Di	sagree		Strongly Agree			Strongly Agree			
12	3	4	5	6	7				

"Billy should have known whether or not he was not supposed to come in at 9am that day."

Strongly D	isagree		Stron	gly Agree	
1 2	3	4	5	6	7

Strongly I	Disagree		Stron	gly Agree		
1 2	3	4	5	6	7	

Computer, Conjunctive - Immoral, No Knowledge Please imagine the following scenario:

Billy and Suzy work for a company that has a central computer. If two people log in to the central computer at exactly 9:27am, some work e-mails will be immediately deleted.

In order to make sure that two people are available to answer phone calls during designated calling hours, the company issued the following new official policy: Suzy is the only one permitted to log in to the central computer in the mornings, whereas Billy is the only one permitted to log in to the central computer in the afternoons. Billy is never permitted to log into the central computer in the mornings.

Suzy receives the e-mail and learns about the new policy. However, the e-mail to Billy lands in his spam folder and is automatically deleted. As a result, Billy does not learn about the new policy.

This morning at exactly 9:27am, Billy and Suzy both log into the central computer at the same time. Immediately, some work e-mails are deleted.

Please rate how much you agree or disagree with the following statement:

"Billy caused the e-mails to be deleted."

Strongly dis	agree		Stron	igly agree	
1 2	3	4	5	6	7

Now suppose that some people are discussing this story and wondering how things could have been different. In thinking about who could have acted differently, please tell us how relevant or irrelevant it would be to focus on the following:

Not at all 1	relevant		Highl	y relevant	
1 2	3	4	5	6	7

Billy

Please rate how much you agree or disagree with the following:

"Billy knew that he was not supposed to log into the central computer in the mornings."

Strongly Di	sagree		Stron	gly Agree	
\$t2ongly Di	sagre	4	<b>S</b> tron	gly Agree	7
1 2	3	4	5	6	7

"Billy should have known whether or not he was not supposed to log into the central computer in the mornings"

Strongly Dis	sagree		Stron	gly Agree	
1 2	3	4	5	6	7

Computer, Disjunctive - Immoral, No Knowledge Please imagine the following scenario:

Billy and Suzy work for a company that has a central computer. If anyone logs in to the central computer at exactly 9:27am, some work e-mails will be immediately deleted.

In order to make sure that two people are available to answer phone calls during designated calling hours, the company issued the following new official policy: Suzy is the only one permitted to log in to the central computer in the mornings, whereas Billy is the only one permitted to log in to the central computer in the afternoons. Billy is never permitted to log into the central computer in the mornings.

Suzy receives the e-mail and learns about the new policy. However, the e-mail to Billy lands in his spam folder and is automatically deleted. As a result, Billy does not learn about the new policy.

This morning at exactly 9:27am, Billy and Suzy both log into the central computer at the same time. Immediately, some work e-mails are deleted.

Please rate how much you agree or disagree with the following statement:

"Billy caused the e-mails to be deleted."

Strongly un	sug: cc			igij ugi ce	
1 2	3	4	5	6	7

Strongly agree

Now suppose that some people are discussing this story and wondering how things could have been different. In thinking about who could have acted differently, please tell us how relevant or irrelevant it would be to focus on the following:

Strongly disagree

Billy

	Not at all	relevant		Highl	y relevant	
	Not at all	Not at all relevant			y relevant	7
	1 2	3	4	5	6	7
Please rate how much yo	u agree or disagre	e with the fo	llowing:			
"Billy knew that he was	s not supposed to	log into th	e central	compute	r in the mo	ornings."
	Strongly 1	Strongly Disagree				
	1 2	3	4	5	6	7
	1 2	3	7	3	· ·	,
"Billy <i>should</i> have kno	own whether or n		not suppo			
"Billy should have kno	own whether or n	ot he was r in the mor	not suppo	esed to lo		

The vice-president of a company went to the chairman of the board and said, "We are thinking of starting a new program. It will help us increase profits." The chairman of the board answered, "I just want to make as much profit as I can. Let's start the new program." However, completely unbeknownst to everyone in the company, the program harms the environment. They started the new program. Unexpectedly, the environment was harmed.

Please rate how much you agree or disagree with the following statements:

"Did the chairman have a desire to harm the environment?"

Disag	gree		A	Agree	
1 2	3	4	5	6	7

<sup>&</sup>quot;The chairman decided to harm the environment."

	Disa	MANAGA				
				F	Agree	
	Disa 1 2	agree 3	4	5	Agree 6	7
	1 2	3	4	5	6	7
Please rate how much y	ou agree or disagree	e with the fo	llowing:			
"Th	ne chairman knew he	was harmin	g the envi	ronment.	,,	
	Strongly Disagre	e <b>e</b>			Strongly	Agree
	1 2	3	4	5	6	7
"The chairman sho	ould have known wh	ether or not	he was ha	rming the	e environn	nent."
	Strongly Disagre	ee			Strongly	Agree
	1 2	3	4	5	6	7

The assistant manager spoke forcefully in favor of adopting the new procedure, saying:

"The new procedure will increase profits, and that should be our goal."

However, completely unbeknownst to everyone in the franchise, the new procedure means more work for the

	tatements		e work."
making th	he employe	es do more	e work.
	A	Agree	
4	5	6	7
	4		G

"The as	sistant manager v	vas in favor o	f making t	he employe	ees do more	e work.	
	Disagree				Agree		
	1 2	3	4	5	6	7	
Please rate how much you a	gree or disagree	e with the fo	llowing:				
66The assistant ma	nager knew he v	vas making t	he employ	yees do mo	ore work.	••	
;	Strongly Disagre	ee			Strongly	Agree	
	1 2	3	4	5	6	7	
"The assistant manager sh		ore work."	r not he w	as makinį	g the empl		
,	1 2	3	4	5	6	7	
			<b>-</b>			, 	
pposed to - Moral, No Knowld lease imagine the following :							
e CEO of a company was talking npany's proposed new policy. Ou							
e CEO said: 'What I care about is implement that new policy.' Hovironment.							

nvironment.						
Please rate how much you agree of	r disagree v	vith the fol	lowing st	atements:	•	
"ТІ	he CEO was	opposed to	helping the	e environm	ent.	
	Disagi	ee		A	Agree	
	1 2	3	4	5	6	7

Please rate how much you agree or disagree with the following:

	Strongly Disagro	ee			Strongly	Agree
	1 2	3	4	5	6	7
"The CEO sh	ould have known whether	or not the p	olicy woul	d harm th	e environ	ment."
"The CEO sho	ould have known whether Strongly Disagro	-	olicy woul	d harm th	e environ	

a keypad, but he does not know the code. There is only a one in ten million chance of his guessing the code.

The man is fully aware that there is virtually no chance that he will successfully type in the correct code. So, without even looking at the keypad, he just randomly presses some keys.

Unbeknownst to the man, the correct code on the keypad detonates a bomb, and the explosion of the bomb kills thousands of innocent tourists.

Please rate how much you	agree or disagree	with the fol	lowing st	atements	:	
	"The man inte	nded to deto	nate the bo	omb."		
	Disagree			A	Agree	
	1 2	3	4	5	6	7
	"The man wan	ted to deton	ate the bor	nb. <b>''</b>		
	Disag	gree		A	Agree	

	12 Disagree	3	4	5	Agre&	7
	1 2	3	4	5	6	7
lease rate how mι	ıch you agree or disagree witi	h the fo	llowing:			
	<sup>66</sup> The man knew he was	detonat	ing the bo	omb. <b>''</b>		
	Strongly Disagree				Strongly	Agree
	1 2	3	4	5	6	7
		3	4	5		_
"The ma	n should have known whether	or not	he was de	tonating	g the bomb.	,,
"The ma	in should have known whether Strongly Disagree	or not	he was de	tonating	g the bomb.  Strongly	

Please imagine the following scenario:

While sailing on the sea, a large storm came upon a captain and his ship. As the waves began to grow larger, the captain realized that his small vessel was too heavy and the ship would flood if he didn't make it lighter. The only way that the captain could keep the ship from capsizing was to cut the cargo loose which is weighing the ship down. The captain thinks that the cargo contains his wife's expensive art collection because that is what he packed into the cargo. However, completely unbeknownst to the captain, a number of illegal passengers have hidden in the cargo boxes before the ship left the harbor.

Without realizing the cargo contains passengers, the captain cut the cargo loose and it fell into the sea. While the cargo

ontaining the illegal passengers sank to ome safely.			_			•
Please rate how much you agree	e or disagree v	vith the fo	llowing st	atement:		
"Given the circumstances, the	he captain had t	o cut the ca	argo loose a	nd let it fa	ll into the s	;; ea.
	Strongly Dis	sagree		Stron	gly Agree	
	1 2	3	4	5	6	7

"The captain knew	v that a number of ille	gal passeng	ers were	hiding in	the carg	jo boxes."
	Strongly Disag	ree			Strongly	Agree
	1 2	3	4	5	6	7
"The captain shou hiding in the cargo	uld have known whetho boxes."	er or not a r	number o	f illegal p	assenge	rs were
	Strongly	Disagree		Stron	gly Agree	
	1 2	3	4	5	6	7
ly administrators are all	ely, so do the faculty membelowed to take the pens.	ers. The reception				
n Monday, a brand new part recent appointment, she take the take an important messar Please rate how mu		starts her new jobs e emails that are pens. On Mondonist's desk. Both There are no perserved with the formal starts are market with the formal starts.	onist has reposite obtain the phase repeatedly lay morning take pens. ens left on half of the law in the law i	illosophy de y sent out by g, one of the Later that deer desk.	epartment. Any the recept administrately, the recept	As a result of ionist, and detive assistant
n Monday, a brand new par recent appointment, shot know that only adminicounters Professor Smittake an important messa	professor, Professor Smith, he has not received any of the istrators are allowed to take the walking past the reception agebut she has a problem.  The you agree or disagree went the actions of the property of the property of the provided that the professor is the professor of the provided to take the professor of the provided to take the professor of the pro	starts her new jobs e emails that are pens. On Mondonist's desk. Both There are no perserved with the formal starts are market with the formal starts.	onist has reposite obtain the phase repeatedly lay morning take pens. ens left on half of the law in the law i	illosophy de y sent out by g, one of the Later that oner desk.	epartment. Any the recept administrates day, the rece	As a result of ionist, and do tive assistant eptionist need
n Monday, a brand new par recent appointment, shot know that only adminicounters Professor Smittake an important messa	professor, Professor Smith, he has not received any of the istrators are allowed to take the walking past the reception agebut she has a problem.  The you agree or disagree went the actions of the property of the property of the provided that the professor is the professor of the provided to take the professor of the provided to take the professor of the pro	starts her new job e emails that are pens. On Mondonist's desk. Both There are no perfect with the formal or of the emails of th	onist has reposite obtain the phase repeatedly lay morning take pens. ens left on half of the law in the law i	illosophy de y sent out by g, one of the Later that oner desk.	epartment. Any the recept administrately, the recept administrately, the recept actually.	As a result of ionist, and detive assistant eptionist need
n Monday, a brand new or recent appointment, shot know that only adminicounters Professor Smittake an important messa	professor, Professor Smith, ne has not received any of the istrators are allowed to take the walking past the reception agebut she has a problem.  The you agree or disagree over the actions of the past of th	starts her new job e emails that ar pens. On Mondonist's desk. Both There are no perfect with the formal professor, the Disagree	onist has reposite the phase repeatedly lay morning that take pens. ens left on halfowing start problem	illosophy de y sent out by sen	epartment. Any the recept administrated day, the reco	As a result of ionist, and detive assistant eptionist need
n Monday, a brand new per recent appointment, shot know that only administration and important messar Please rate how mu  "Gi	professor, Professor Smith, he has not received any of the istrators are allowed to take the walking past the reception agebut she has a problem.  Ich you agree or disagree over the actions of the past the p	starts her new jobs e emails that are pens. On Mondonist's desk. Both There are no posses with the footofessor, the Disagree  3	onist has reposite the phase repeatedly lay morning in take pens. ens left on harmonic problem  4	illosophy de y sent out by sent out by sent out by sent out by the Later that deer desk.  atement:  Strong	epartment. Any the recept administrated administrated and the recept admin	As a result of ionist, and detive assistant eptionist need

	St2ongly	Disagreð	4	<b>S</b> tron	gly <b>A</b> gree	7
	1 2	3	4	5	6	7
Please rate how much you Prof. Smith knew that o	_	-	_	o take pen	s."	
	Strongly	Disagree		Stron	gly Agree	
			_	_	(	7
	1 2	3	4	5	6	1
"Prof. Smith <i>should</i> have pens."		not only adn		e assistant		

Please imagine the following scenario:

Jake takes part in a rifle contest. His aunt accompanies him to the rifle contest and watches him from the sideline. Jake desperately wants to win the rifle contest. He knows that he will only win the contest if he hits the bull's-eye. However, unbeknownst to him, the rifle bullets that are used in this contest have so much speed that they usually pierce through the target. One moment, he sees his aunt standing right behind the target. The chest area where the heart sits is at the level of the bulls eye. He raises the rifle, gets the bull's-eye in the sights, and presses the trigger. Jake is not very good at using his rifle. His hand slips on the barrel of the gun, and the shot goes wild. Nonetheless, the bullet lands directly on the bull's-eye and goes through the target. However, contrary to what Jake expected, the bullet goes through the target and hits his aunt directly in the heart. She dies instantly.

Please rate how much	n you agree or disagree	with the fo	llowing st	atement:			
	"Jake hit his au	nt through sl	heer luck."				
	Strongly D	disagree		Stron	gly Agree		
	1 2	3	4	5	6	7	

Please rate how much you agree or disagree with the following:

"Jake knew that the rifle bullets would pierce through the target and hit his aunt."

Strongly Disagree			Stron	gly Agree	
1 2	3	4	5	6	7

"Jake *should* have known whether or not the rifle bullets would pierce through the target and hit his aunt"

<b>Strongly Disagree</b>			Stron	gly Agree	
1 2	3	4	5	6	7

## Gizmos - Immoral, No Knowledge

Please imagine the following scenario:

The convention in the Gizmo industry is for Gizmos to be a light color. Specifically, the convention is to make Gizmos that are colored lighter than blue. The vice-president of a company in the Gizmo industry went to the newly-hired chairman of the board and said, "We are thinking of starting a new program. It will help us increase profits, but it will result in our Gizmos being colored black." The new chairman does not yet know that the convention is to make Gizmos colored lighter than blue, so he is unaware that this would be violating the convention. The chairman of the board answered, "I don't care at all about the color of the Gizmos. I just want to make as much profit as I can. Let's start the new program." They started the program. As it happened, the Gizmos were black, colored darker than blue.

## Please rate how much you agree or disagree with the following statement:

"How appropriate is it to say the chairman of the board intentionally made Gizmos colored darker than blue?"

Not at All App	Not at All Appropriate			ppropriate	e
12	3	4	5	6	7

Please rate how much you agree or disagree with the following:

"The chairman of the board knew the color conventions of Gizmos."

**Strongly Disagree** 

**Strongly Agree** 

	Strongly Disagree 4			Stron	Strongly Agree		
	1 2	3	4	5	6	7	
"The chairman of the boa	ard <i>should</i> have kno	wn the color	convention	ons of Gizr	nos"		
	Strongly I	Disagree		Stron	gly Agree		

There is a convention in medicine that medical students wear lighter-colored scrubs than doctors. Specifically, the convention is for medical students to wear light blue scrubs and doctors to wear dark blue scrubs. An employee went to the newly-appointed Chief of Medicine and said, "We are thinking of buying our scrubs from a new medical supply company. Using this new company will save the hospital money, but we will only have one choice for color. Specifically, the medical students' scrubs will be dark blue, much darker than they are currently." The new Chief of Medicine does not yet know that the convention is for medical student's scrubs to be colored light blue, so he is unaware that this would be violating the convention. The Chief of Medicine answered, "I don't care at all the color of medical students' scrubs. I just want to save money. Let's go with the new supply company." They bought from the new supply company. As a result, medical students' scrubs were dark blue.

	Please rate how much	vou agree or disagre	e with the fo	ollowing statement:
--	----------------------	----------------------	---------------	---------------------

"How appropriate is it to say the Chief of Medicine intentionally made Scrubs colored darker than blue?"

Not at All Appropriate			Very Appropriate				
1 2	3	4	5	6	7		

Please rate how much you agree or disagree with the following:

"The Chief of Medicine knew the color conventions of Scrubs."

Strongly Disagree			<b>Strongly Agree</b>				
1 2	3	4	5	6	7		

"The Chief of Medicine	should have known t	he color con	ventions o	f Scrubs"				
	Strongly 1	Strongly Disagree			Strongly Agree			
	1 2	3	4	5	6	7		
 Truck Trailers - Immoral Please imagine the followir	·							
The convention in the trucking trucking company went to the trailers. It will help cut costs, convention is for truck trailers convention. The boss answere can. Let's start the new prograthan blue.	newly-hired boss and sa but it will result in our tra s to be colored lighter that ed, "I don't care at all abo	id, "We are thing black in blue, so he is but the color of	nking of chack." The not unaware the trailers	anging the pew boss doe hat this wou	oaint we use s not yet kr ld be violat to cut costs	e for the truck now that the ting the s as much as I		
Please rate how much	you agree or disagre	e with the fo	llowing st	atement:				
"How appropriate is	it to say the boss intenti	ionally made (	truck traile	ers colored (	darker tha	n blue?"		
	Not at All A <sub>I</sub>	Not at All Appropriate			Very Appropriate			
	1 2	3	4	5	6	7		
Please rate how much y	ou agree or disagree v	vith the follo	wing:					
"The boss knew the col	or conventions of truc	ck trailers."						
	Strongly 1	Strongly Disagree			Strongly Agree			
	12	3	4	5	6	7		
"The boss should have	known the color conv	entions of tru	uck trailer	·s"				
		Strongly Disagree		Strongly Agree				
	Strongly 1	Disagree		Stron	gly Agree			

## 

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• O Asian

• O Prefer not to say.