Instructions: Experiment 1

Version A: Spatial Ability

You will complete 3 tasks that test your perspective taking ability. Perspective taking ability can be thought of as a measure of spatial ability. Spatial ability is a cognitive ability that is defined as understanding the relations between objects in space and being able to mentally manipulate them and respond correctly. Previous studies have shown that males often score higher on measures of spatial ability.

Task 1: Perspective-Taking Task (SPATIAL)

You will see a picture of an array of objects and an "arrow circle" with a statement below. You will imagine that you are standing at one object in the array and facing another object. Your task is to draw an arrow from the center object showing the direction to a third object from this facing orientation.

Try the example on the first page. In this item you are asked to imagine that you are standing at the flower, and facing the tree. Your task is to draw an arrow indicating the direction from the flower to the cat. In the sample item this arrow has been drawn for you. In the test items, your task is to draw this arrow. Can you see that if you were at the flower facing the tree, the cat would be in this direction?

There are 12 items in this test, one on each page. Please do not pick up or turn the test booklet, and do not make any marks on the maps. You will have 5 minutes for this test. Do you have any questions before you begin?

Task 2: Money Road Map Task (SPATIAL)

Instructions: Experiment 1

Version B: Empathetic Ability

You will complete 3 tasks that test your perspective taking ability. Perspective taking ability can be thought of as a measure of empathetic ability. Empathetic ability is a social ability that is defined as being able to identify with, and understand what another person is seeing or feeling, and respond appropriately. Previous studies have shown that females often score higher on measures of empathetic ability.

Task 1: Perspective-Taking Task (SOCIAL)

You will see a picture of an array of objects and an "arrow circle" with a statement below. Imagine standing at the location of the person in the array and taking their perspective. Your task is to draw an arrow from the person's perspective to show the direction to an object from this facing orientation.

Try the example on the first page. In this item you are asked to imagine that you are taking the perspective of the person and facing the tree. Your task is to draw an arrow indicating the direction to the cat. In the sample item this arrow has been drawn for you. In the test items, your task is to draw this arrow. Can you see that if you were facing the tree, the cat would be in this direction?

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Task 2: Money Road Map Task: (SOCIAL)

Instructions: Experiment 2

Version A: Spatial Ability

You will complete 2 tasks that test your perspective taking ability. Perspective taking ability can be thought of as a measure of spatial ability. Spatial ability is a cognitive ability that is defined as understanding the relations between objects in space and being able to mentally manipulate them and respond correctly. Previous studies have shown that males often score higher on measures of spatial ability.

Task 1: Perspective-Taking Task (SPATIAL)

You will see a picture of an array of objects and an "arrow circle" with a statement below. You will imagine that you are standing at one object in the array and facing another object. Your task is to draw an arrow from the center object showing the direction to a third object from this facing orientation.

Try the example on the first page. In this item you are asked to imagine that you are standing at the flower, and facing the tree. Your task is to draw an arrow indicating the direction from the flower to the cat. In the sample item this arrow has been drawn for you. In the test items, your task is to draw this arrow. Can you see that if you were at the flower facing the tree, the cat would be in this direction?

There are 12 items in this test, one on each page. Please do not pick up or turn the test booklet, and do not make any marks on the maps. You will have 5 minutes for this test. Do you have any questions before you begin?

Task 2: Money Road Map Task (SPATIAL)

Instructions: Experiment 2

Version B: Empathetic Ability

You will complete 2 tasks that test your perspective taking ability. Perspective taking ability can be thought of as a measure of empathetic ability. Empathetic ability is a social ability that is defined as being able to identify with, and understand what another person is seeing or feeling, and respond appropriately. Previous studies have shown that females often score higher on measures of empathetic ability.

Task 1: Perspective-Taking Task (SPATIAL)

You will see a picture of an array of objects and an "arrow circle" with a statement below. You will imagine that you are standing at one object in the array and facing another object. Your task is to draw an arrow from the center object showing the direction to a third object from this facing orientation.

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Task 2: Money Road Map Task (SPATIAL)

Instructions: Experiment 3

Generic instructions (Spatial):

You will complete 2 tasks that test your perspective taking ability.

Task 1: Perspective-Taking Task (SPATIAL)

You will see a picture of an array of objects and an "arrow circle" with a statement below. You will imagine that you are standing at one object in the array and facing another object. Your task is to draw an arrow from the center object showing the direction to a third object from this facing orientation.

Try the example on the first page. In this item you are asked to imagine that you are standing at the flower, and facing the tree. Your task is to draw an arrow indicating the direction from the flower to the cat. In the sample item this arrow has been drawn for you. In the test items, your task is to draw this arrow. Can you see that if you were at the flower facing the tree, the cat would be in this direction?

There are 12 items in this test, one on each page. Please do not pick up or turn the test booklet, and do not make any marks on the maps. You will have 5 minutes for this test. Do you have any questions before you begin?

Task 2: Money Road Map Task (SPATIAL)

Instructions: Experiment 3

Generic instructions (Social):

You will complete 2 tasks that test your perspective taking ability.

Task 1: Perspective-Taking Task (SOCIAL)

You will see a picture of an array of objects and an "arrow circle" with a statement below. Imagine standing at the location of the person in the array and taking their perspective. Your task is to draw an arrow from the person's perspective to show the direction to an object from this facing orientation.

Try the example on the first page. In this item you are asked to imagine that you are taking the perspective of the person and facing the tree. Your task is to draw an arrow indicating the direction to the cat. In the sample item this arrow has been drawn for you. In the test items, your task is to draw this arrow. Can you see that if you were facing the tree, the cat would be in this direction?

There are 12 items in this test, one on each page. Please do not pick up or turn the test booklet, and do not make any marks on the maps. You will have 5 minutes for this test. Do you have any questions before you begin?

Task 2: Money Road Map Task: (SOCIAL)