

Please rate the following choices in terms of how natural you believe they are. The scale runs from 0, which is completely unnatural, to 100, which is completely natural. For this scale and all scales with a slider, you must move the slider for your answer to register. Even if you want your answer to be 50, you still have to move the slider away and back to 50 for your answer to count.

How natural are the following items?

- \_\_\_\_\_ **nat.scale.tree.** A tree on a mountain peak in the Andes that has never been climbed
- \_\_\_\_\_ **nat.scale.egg.** A hard boiled egg
- \_\_\_\_\_ **nat.scale.pistol.** A plastic toy model of a pistol

The tree should get a rating at or near 100, the plastic toy model of a pistol should get a rating at or near zero, and the egg should get a rating somewhere in between. Please check to make sure this is true for your ratings, and if not, think a bit before going on.

Imagine that, through new innovation, scientists have found a way to insert or remove a gene. The scientists add or remove genes in cocker spaniel dogs and in corn plants when the organisms are fertilized eggs. When scientists add gene A to a cocker spaniel or corn plant, they are adding the exact same gene A, extracted from yeast cells. In all cases, the only effect of the genetic modification is to make the cocker spaniel's fur lighter in color, and to make the corn lighter in color.

How natural are the following organisms?

- \_\_\_\_\_ **gene.dog.** Cocker spaniel dog that has had no genes inserted or removed
- \_\_\_\_\_ **gene.dog.add.** Cocker spaniel dog with additional gene A inserted by a scientist
- \_\_\_\_\_ **gene.dog.rem.** Cocker spaniel dog with original gene B removed by a scientist
- \_\_\_\_\_ **gene.dog.addrem.** Cocker spaniel dog with original gene B replaced with new gene A by a scientist
- \_\_\_\_\_ **gene.corn.** Corn plant that has had no genes inserted or removed
- \_\_\_\_\_ **gene.corn.add.** Corn plant with additional gene A inserted by a scientist
- \_\_\_\_\_ **gene.corn.rem.** Corn plant with original gene B removed by a scientist
- \_\_\_\_\_ **gene.corn.addrem.** Corn plant with original gene B replaced with new gene A by a scientist

**gender.** What is your gender?

- Male
- Female

**politics.** Politically, I consider myself

- Very conservative
- Conservative
- Neither conservative nor liberal
- Liberal
- Very liberal

**neighborhood.** What type of neighborhood did you grow up in?

- Rural
- Suburban
- Urban

**ethnicity.** Which race/ethnicity are you?

- Black
- East or Southeast Asian or Pacific Islander
- Hispanic
- Native American
- South Asian/Indian
- White
- Other

**age.** What is your age (in years)?

**religiosity.** How religious are you?

- Not at all
- Slightly
- Moderately
- Very
- Extremely

**religion.** What is your religious affiliation?

- Atheist/Agnostic
- Buddhist
- Catholic
- Hindu
- Jewish
- Muslim
- Protestant (non-Catholic Christian)
- Other

**country.reside.** Which country do you currently reside in?

**state.reside.** If you currently reside in the United States, which state do you currently reside in?

**country.grewup.** Which country (or countries) did you grow up in?

**state.grewup.** If you grew up in the United States, which state(s) did you grow up in?