Which pair of groups are more distinguishing?

In each task, we are going to describe two pairs of groups. Your job is to decide which pair contains groups which are more distinguishing (i.e. you are able to tell the groups in the pair apart more easily).

Complete each task as accurately as possible.

We will start with a short training session to get you familiarized with the task interface. Click the button below to continue with the training session.

We have collected the height and weight data of a large pool of people. Their height falls between 4’2’’ (127cm) and 6’3’’ (190.5cm). Based on the weight data, we classified them into three different body builds, skinny, medium build and obese.

Height

[Picture]

Weight

[Picture]

In each task, you are presented with two pairs of groups, each contains 100 people. You are provided with the distributions of height and body build of each group. Your task is to determine which pair contains groups which are more distinguishing (i.e. you find it easier to tell them apart).

When you are ready, click the button to start the training.

Is pair a or pair b more distinguishing?

Select the pair of groups which are more distinguishing. Complete each task as accurately as possible.

Shortcuts:

a – select pair a

b – select pair b

enter or space – advance to next task

Pair a

[Picture]

Pair b

[Picture]

Great! You are done with the training.

[Picture of marbles]

For the following study, we have collected marbles of different sizes and colors. Their size falls between 1 and 10. There are 10 different colors of marbles: red, orange, pink, purple, deep purple, indigo, blue, cyan, teal, green.

Marble size

[Picture]

Marble colors

[Picture]

In each task, you are presented with two pairs of groups. Each group contains 100 marbles. You are provided with the distributions of size and color of each group. Your task is to determine which pair contains groups which are more distinguishing (i.e. easier to tell them apart).

When you are ready, click the button below to start the study. Thanks for helping!

Is pair a or pair b more distinguishing?

Select the pair of groups which are more distinguishing. Complete each task as accurately as possible.

Shortcuts:

a – select pair a

b – select pair b

enter or space – advance to next task

Pair a

[Picture]

Pair b

[Picture]

Marble size

[Picture]

Marble colors

[Picture]