Activity: Stats anxiety and gender

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My questions for you:

1. Based on the rating data, will a normal distribution representing **Male/Man** anxiety be shifted left or right from the **Female/Woman** normal distribution?

   left   **right**

2. Will the mean of the **Male/Man** normal distribution be negative or positive?

   negative   **positive**

3. Based on the rating data, will a normal distribution representing **Another Gender** anxiety be shifted left or right from the **Female/Woman** normal distribution?

   left   **right**

4. Will the mean of the **Another Gender** normal distribution be negative or positive?
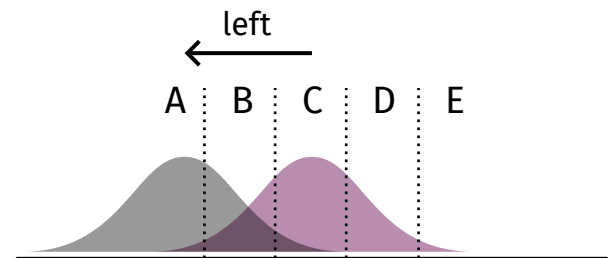
   negative   **positive**

5. **Challenge, if time:** Which group's normal distribution will be shifted **farther away** from the **Female/Woman** normal distribution?
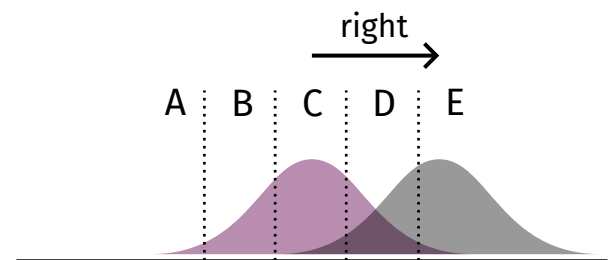
   Male/Man   **Another Gender**

Tips:

▶ The normal distributions for **Male/Man** and **Another Gender** might be shifted **either left or right** from the normal distribution for **Female/Woman.** For example:

Shifted left: more probability on lower ratings (less anxiety).

Shifted right: more probability on higher ratings (greater anxiety).

▶ The thresholds between ratings do not shift.