

p.113

95% CI for μ_d (average of differences of heart rates before and after listening to relaxing music) is (3.00, 4.87).

- *USUAL*: We are 95% confident that the average heart rate of all students **before** listening to relaxing music is 3 beats/min to 4.87 beats/min MORE than **after** listening to relaxing music.
- *REVERSE ORDER*: We are 95% confident that the average heart rate of all students **after** listening to relaxing music is 3 beats/min to 4.87 beats/min LESS than **before** listening to relaxing music.
- *NICE TO READ*: “We are 95% confident that the average heart rate of all students would DECREASE between 3 beats/min and 4.87 beats/min **after** listening to relaxing music.”

p.115

95% CI for p_1-p_2 (population proportion of men that think we spend too little on foreign aid – population proportion of women that think we spend too little on foreign aid) is (-0.002, 0.059)

- *USUAL*: “We are 95% confident that the population proportion of **men** who think that we spend too little on foreign aid is 0.002 LESS to 0.059 MORE than **women**.”
- *REVERSE ORDER*: We are 95% confident that the population proportion of **women** who think we spend too little on foreign aid is between 0.059 LESS to 0.002 MORE than **men**.
- *NICE TO READ*: We are 95% confident that population proportions for **men** and **women** who think we spend too little on foreign aid are NOT DIFFERENT.

p.118

95% CI for $\mu_1-\mu_2$ (population mean hours spent on emails per week by males – population mean hours spent on emails per week by females) is (-1.750, 0.670)

- *USUAL*: “We are 95% confident that the population mean hours spent on emails by **men** is 1.750 hours/week LESS to 0.670 hours/week MORE than **women**.”
- *REVERSE ORDER*: We are 95% confident that the population mean hours spent on emails by **women** is 0.670 hours/week LESS to 1.750 hours/week MORE than **men**.
- *NICE TO READ*: We are 95% confident that the population mean hours spent on emails by **men** and **women** are NOT DIFFERENT.