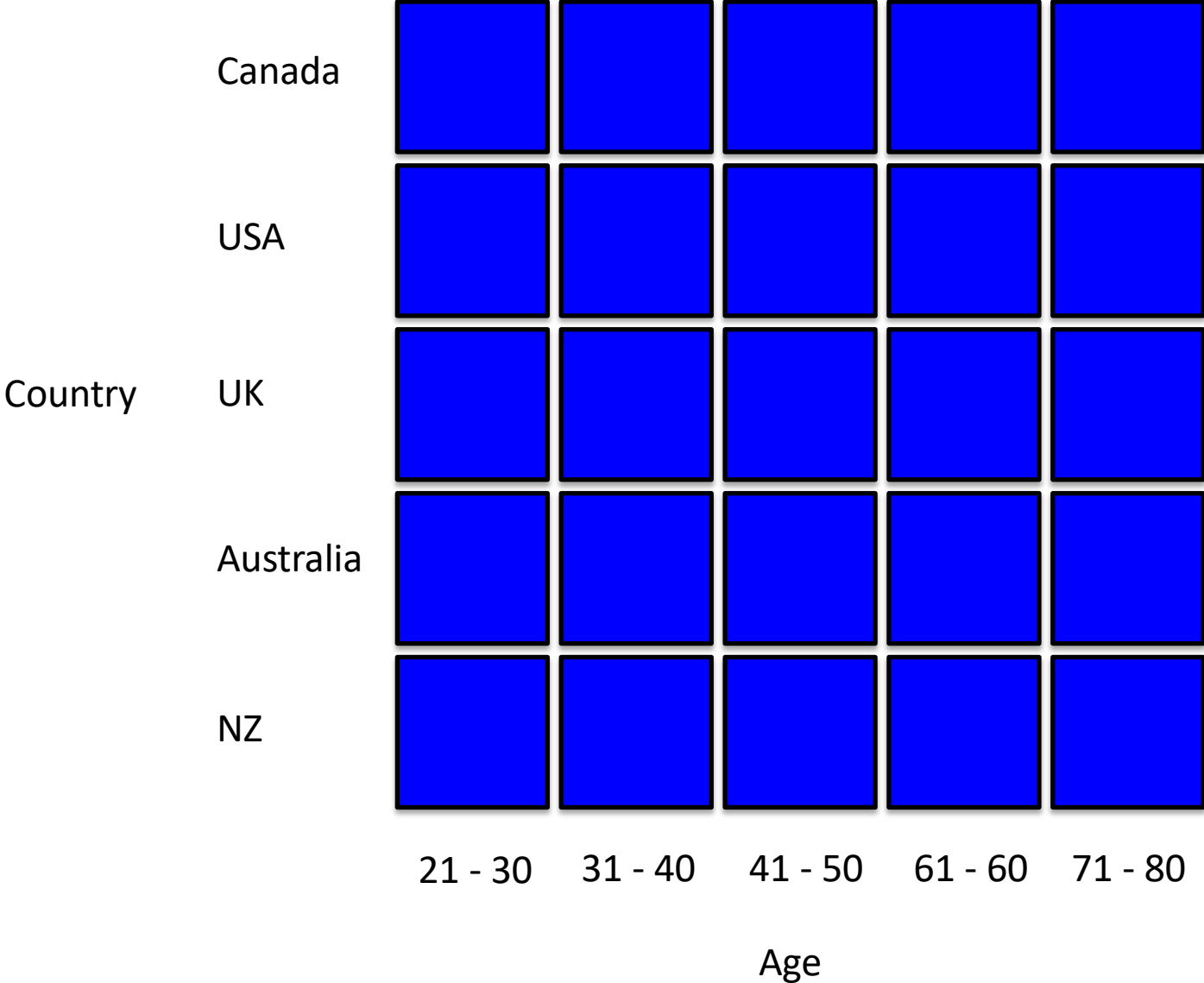
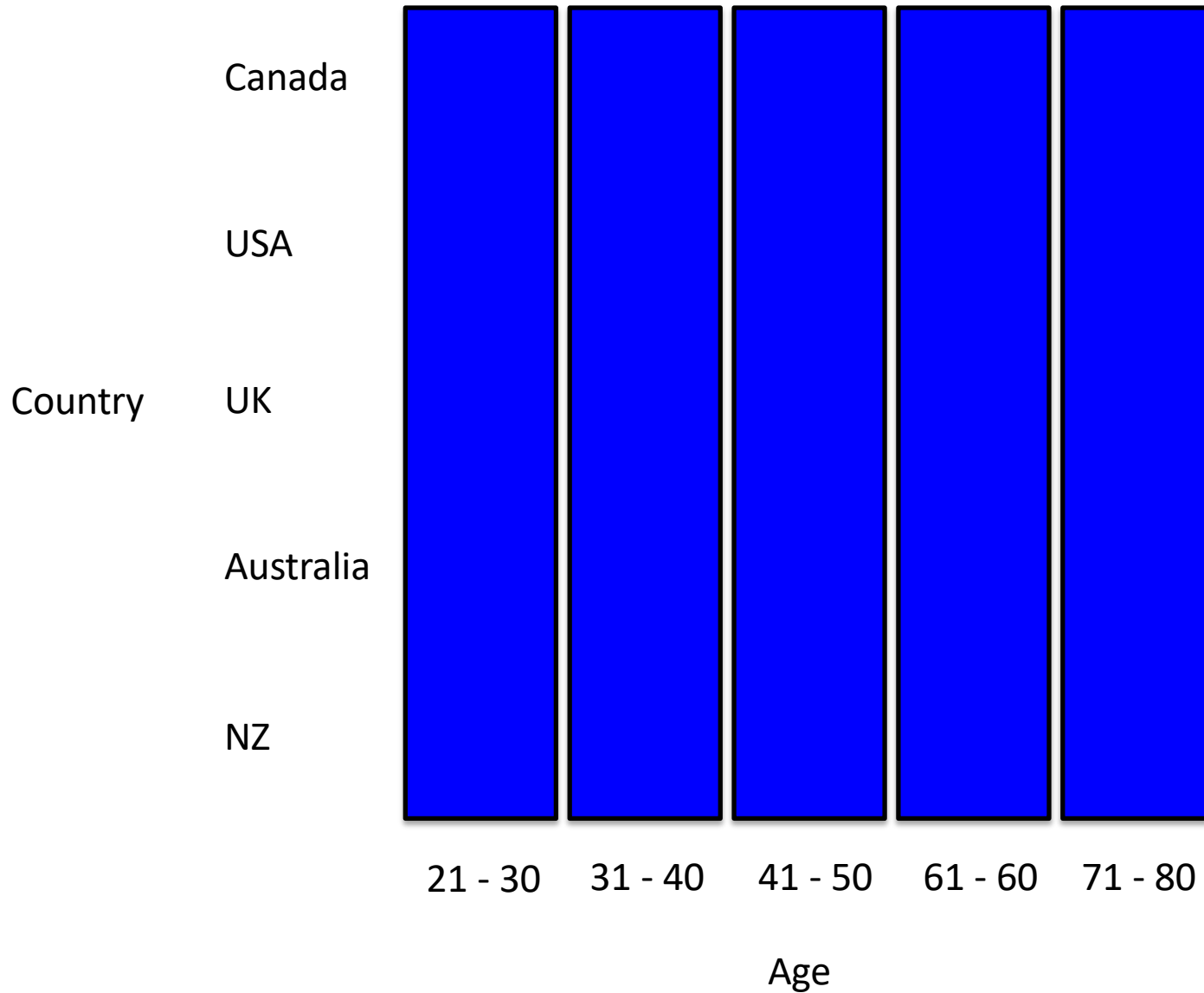


Posthoc Analysis of Factorial ANOVA

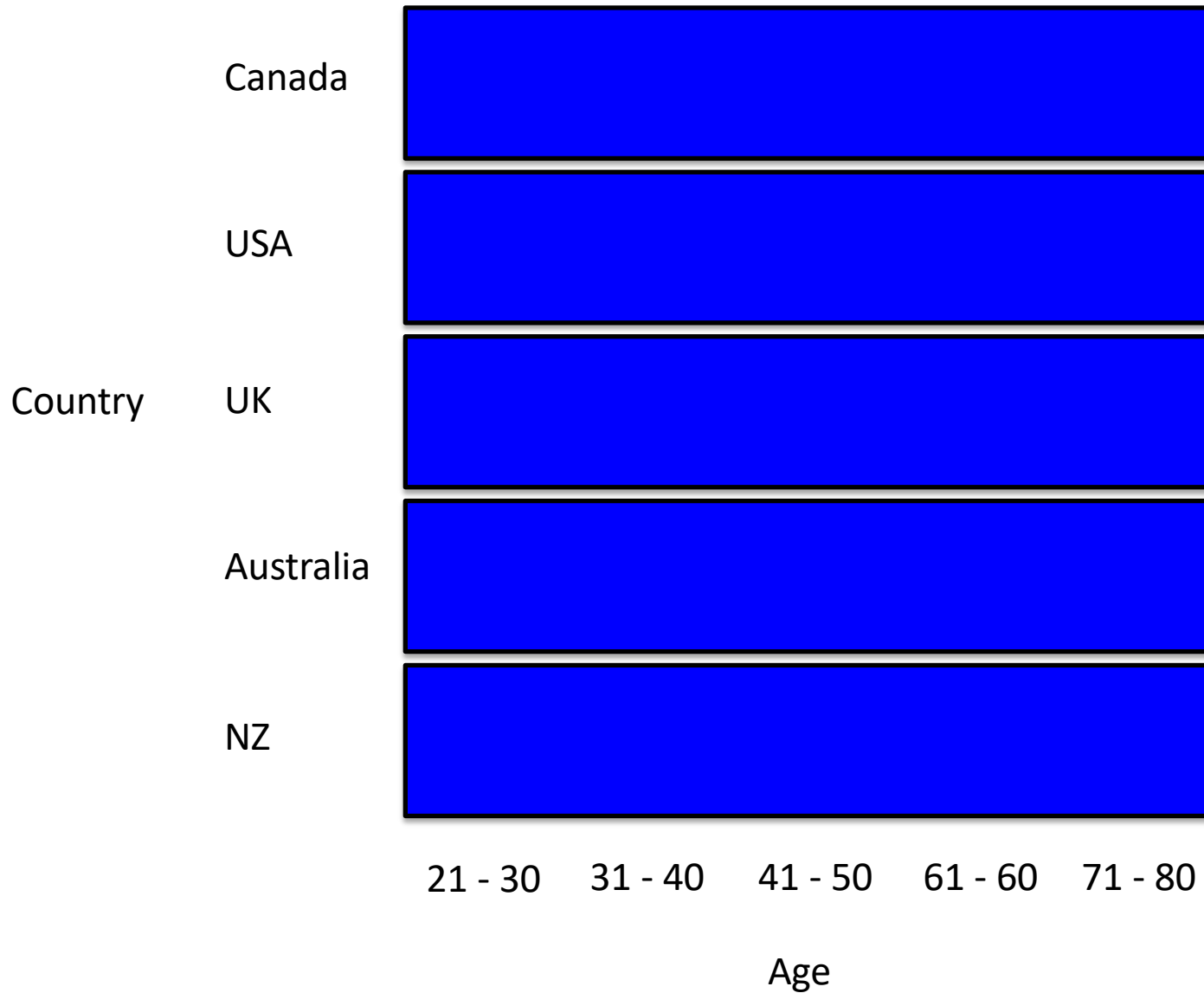
Main Effects



Main Effect: Age



Main Effect: Country



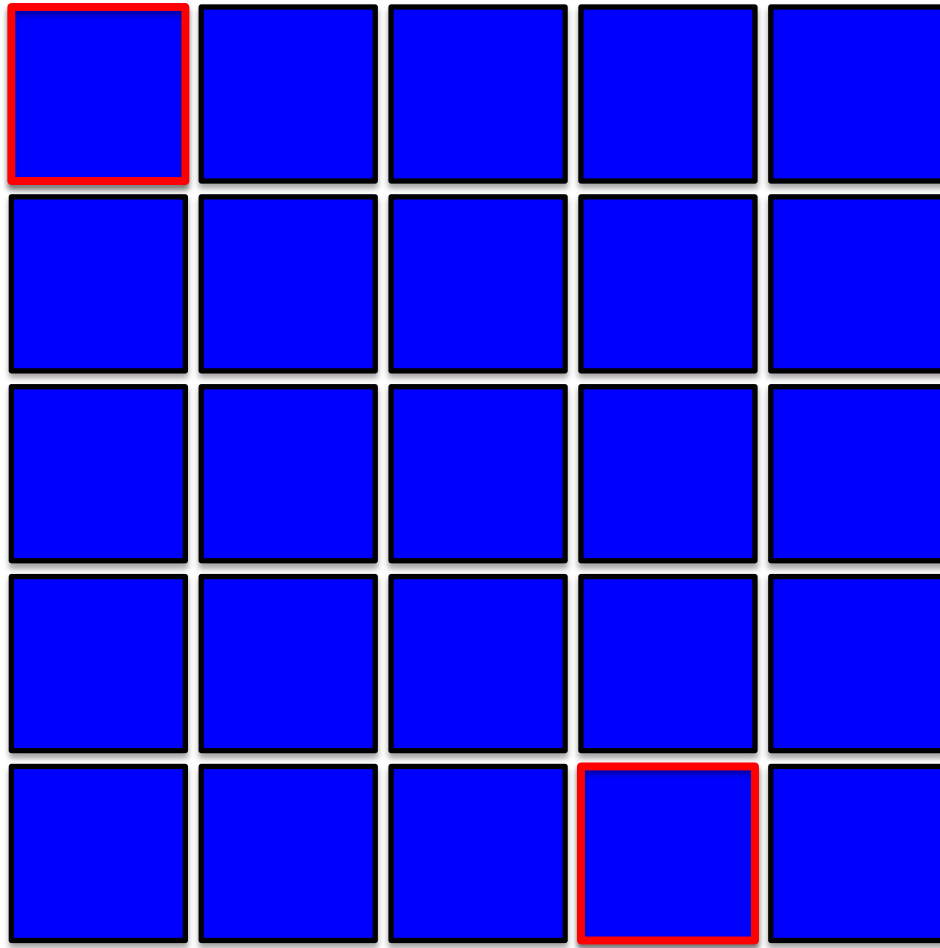
Decomposition of Main Effects

With either of the main effects here, you would simply use either contrasts or posthoc analysis as you would have done with a single factor ANOVA.

Decomposition of Significant Interactions

Country * Age < 0.05

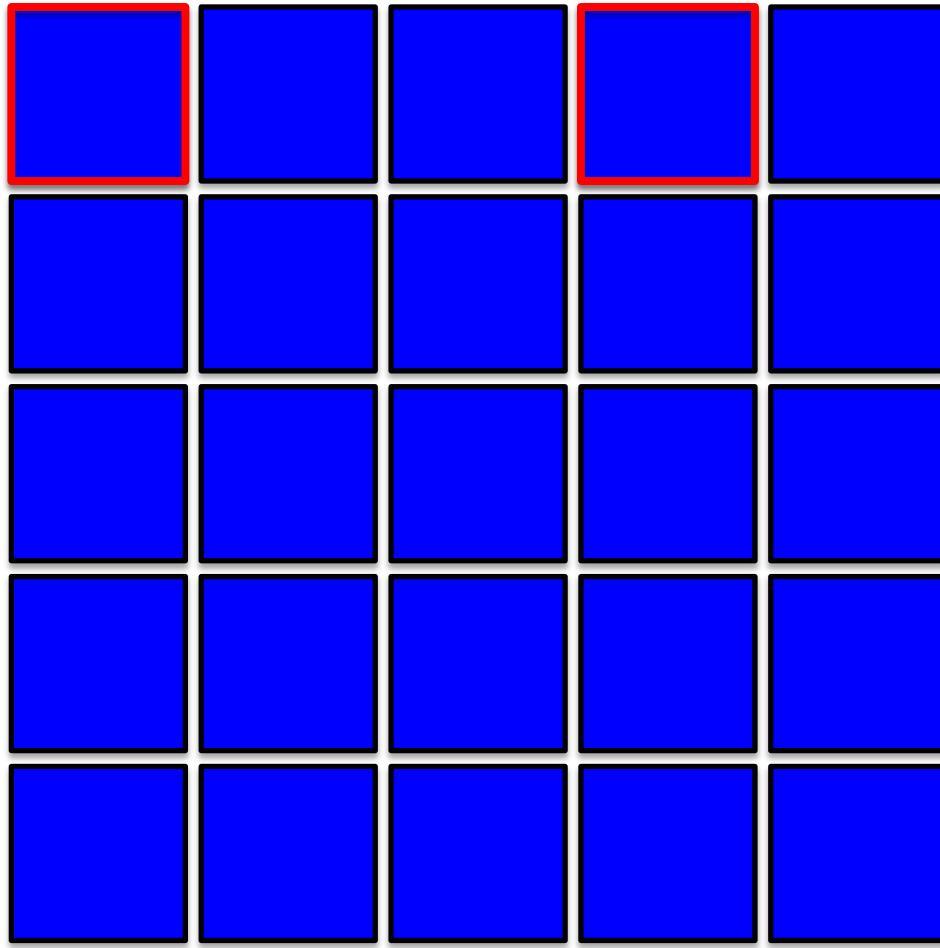
Country



Age

Country * Age < 0.05

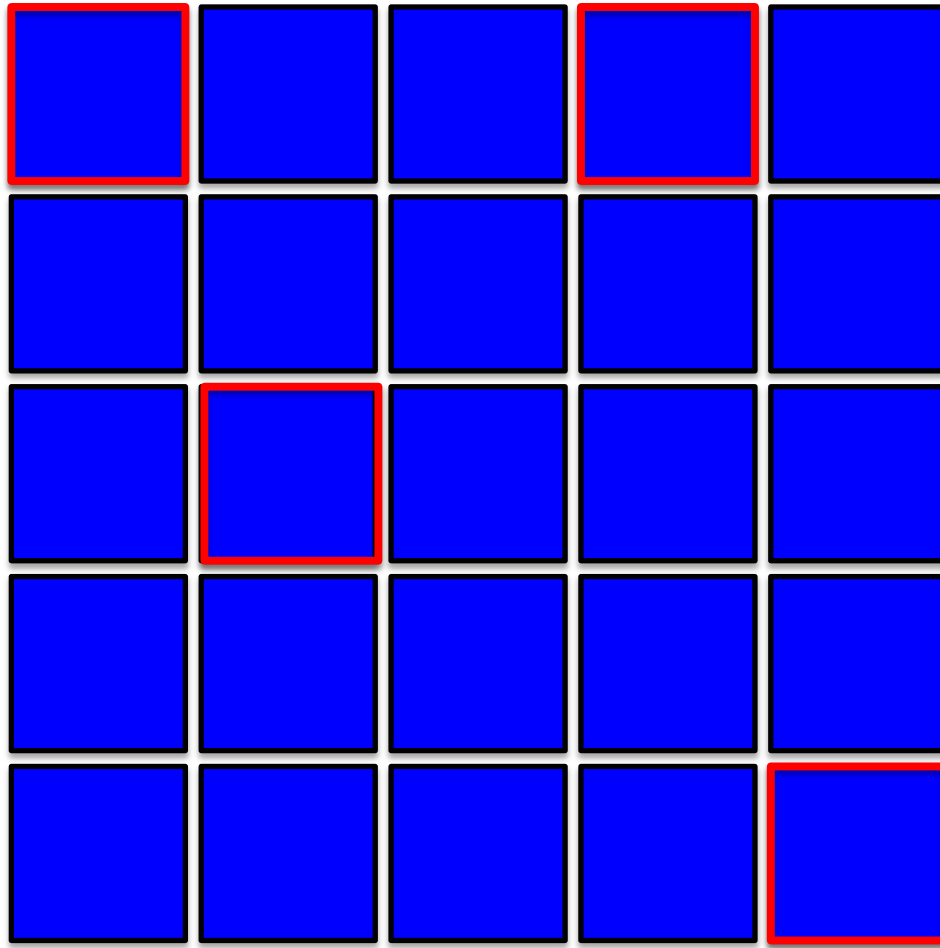
Country



Age

Country * Age < 0.05

Country



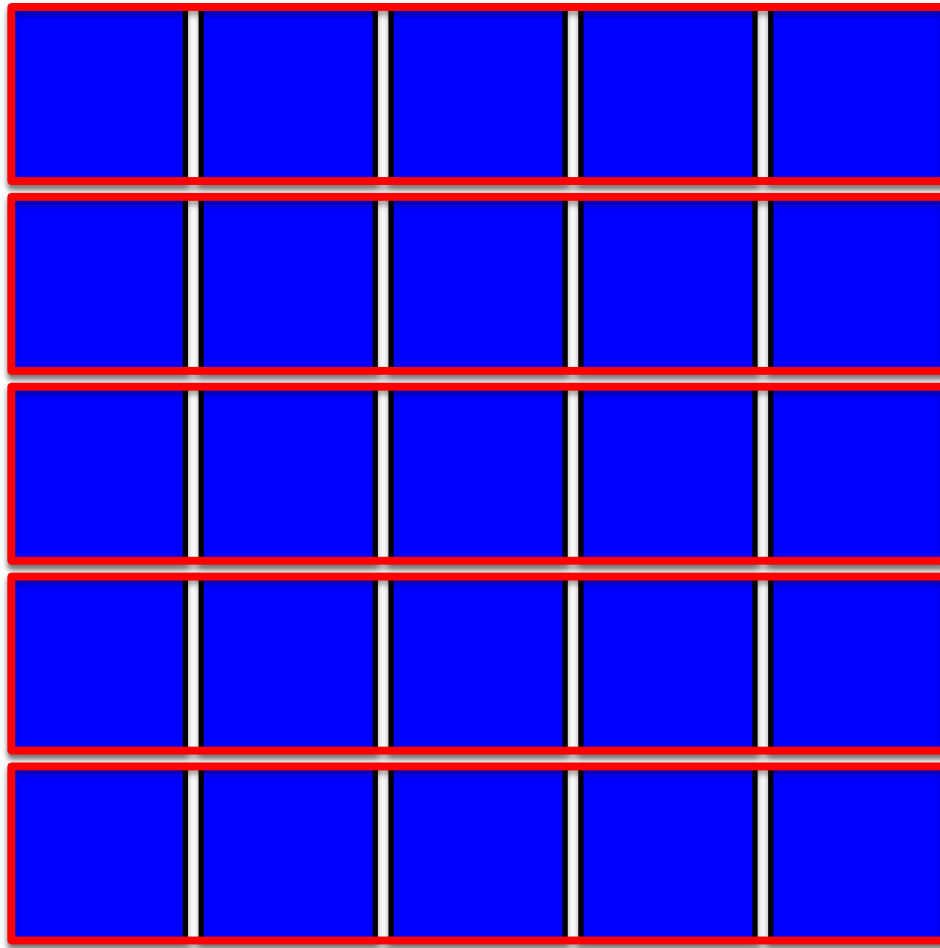
Age

You need to run a series of ANOVAs to Posthoc an interaction.

You must choose “which way” to run them, you cannot do both.

Country * Age < 0.05

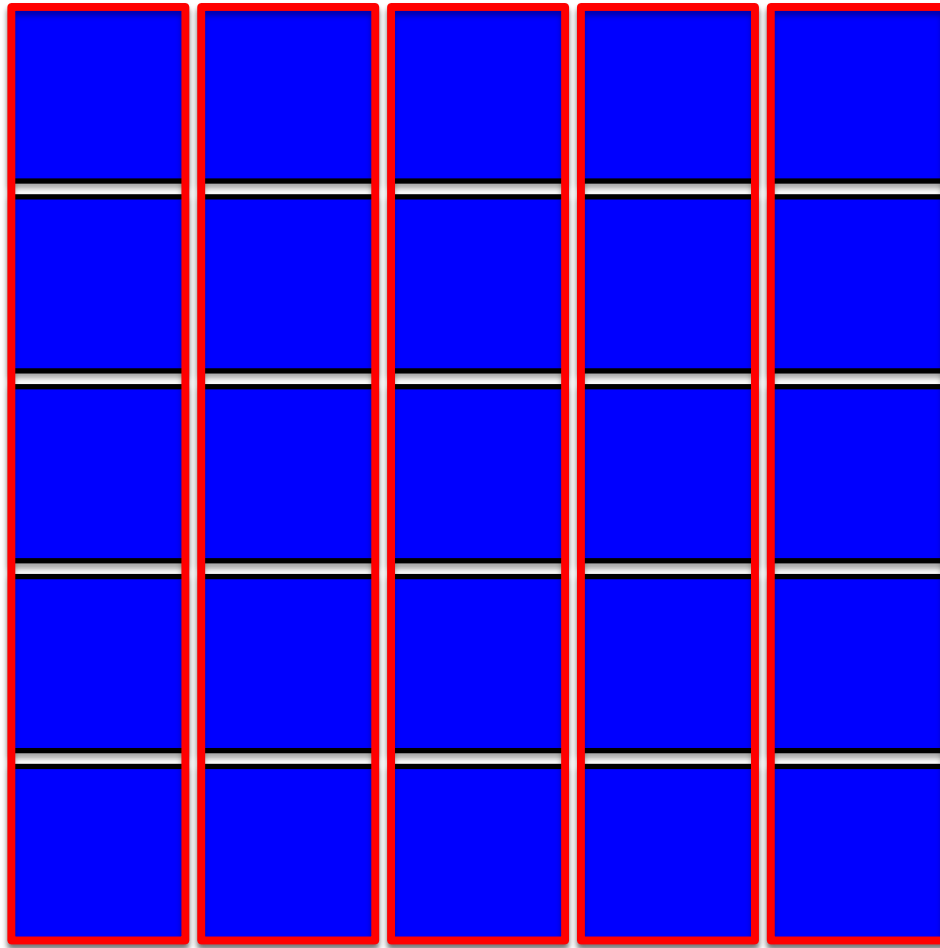
Country



Age

Country * Age < 0.05

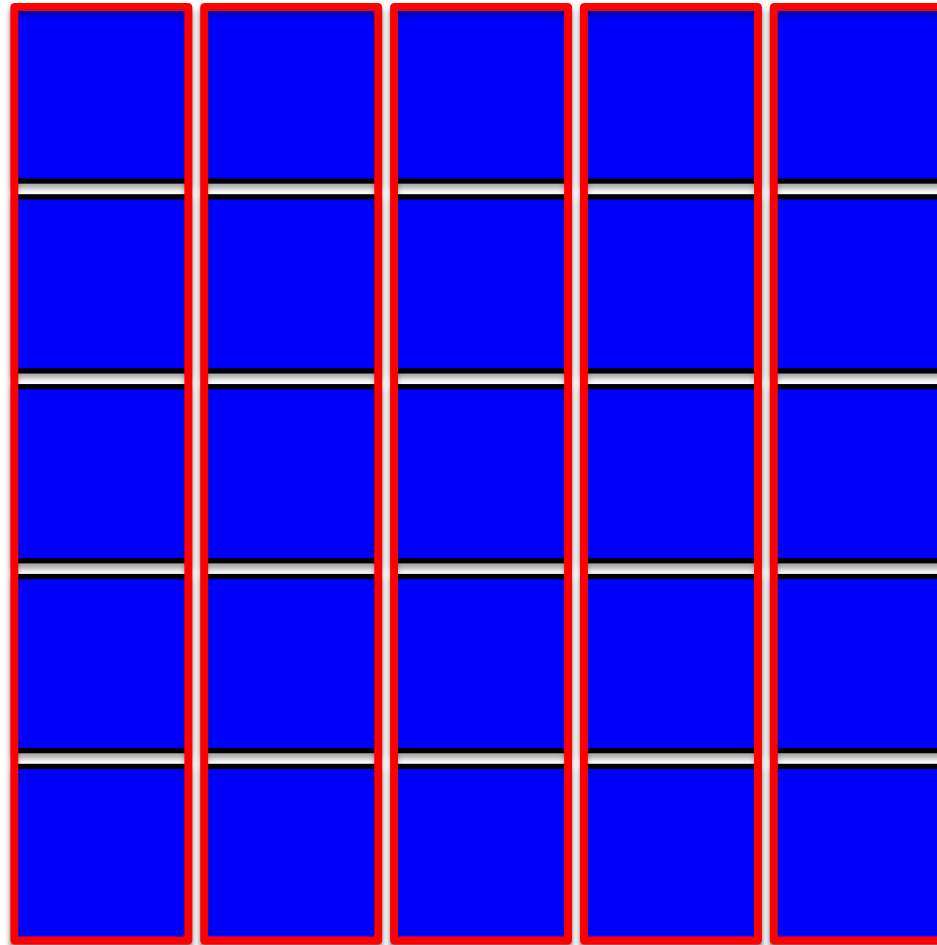
Country



Age

Country * Age < 0.05

Country



p > 0.05

p < 0.05

p > 0.05

p > 0.05

p > 0.05

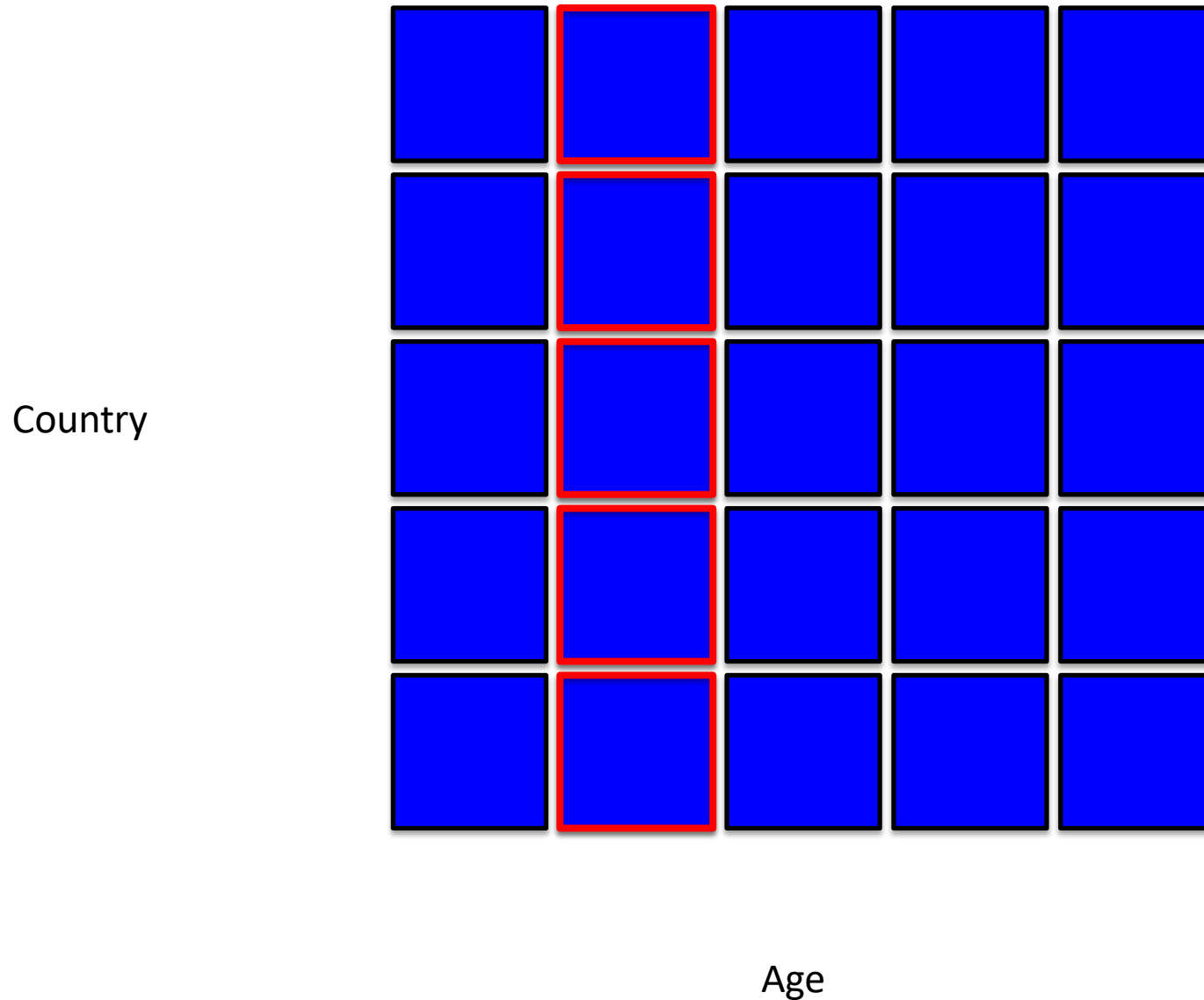
Age

You need to run a series of ANOVAs to Posthoc an interaction.

You must choose “which way” to run them, you cannot do both.

Interactions

column * row < 0.05



Now, you can use contrasts or post hoc analysis on this age category by country to determine what is driving the interaction.

Warning:

This approach may not work. You have to look at the PLOTS to see which direction to take and/or use logic.