

```
> emmeans(model, pairwise ~ Condition, adjust = "Tukey")
$emmeans
  Condition      emmean      SE df lower.CL upper.CL
Water      5.165081 0.1079627 42  4.947204  5.382959
Single Espresso 6.985001 0.1079627 42  6.767124  7.202879
Double Espresso 8.886287 0.1079627 42  8.668409  9.104164
```

Confidence level used: 0.95

```
$contrasts
  contrast      estimate      SE df t.ratio p.value
Water - Single Espresso -1.819920 0.1526824 42 -11.920 <.0001
Water - Double Espresso -3.721205 0.1526824 42 -24.372 <.0001
Single Espresso - Double Espresso -1.901285 0.1526824 42 -12.453 <.0001
```

P value adjustment: tukey method for comparing a family of 3 estimates

We could set `adjust = "none"` if we wanted uncorrected p -values. But in this case, both Bonferroni and Tukey comparisons tell us the same thing - each condition differs from each other condition (which fits with what we saw in the graph).

Data of Ability by Condition

