Online Resource

# Chapter 6: Null hypothesis testing

## p-Value interpretation activity

All flash cards begin with the following sentence, with the corresponding alpha level and p-value filled in. Yes/No response options provided. Cards randomized.

**Is this p-value statistically significant at the…**

|  |  |  |
| --- | --- | --- |
| 5% level? | p = 0.00034 | Yes |
| 5% level? | p = 0.07 | No |
| 5% level? | p = 0.048 | Yes |
| 5% level? | p = 0.1 | No |
| 5% level? | p = 0.001 | Yes |
| 5% level? | p = 0.545 | No |
| 10% level? | p = 0.09 | Yes |
| 10% level? | p = 0.12 | No |
| 10% level? | p = 0.4 | No |
| 10% level? | p = 0.071 | Yes |