

# Why Understanding Statistics Matters...

- Imagine a test in which 95% of people without a medical condition will be correctly diagnosed as not having it (specificity = 0.95).
- Imagine the test is able to correctly diagnose 4 out of the 5 people who **do** have the medical condition (sensitivity = 0.8).
- Imagine the prevalence of the medical condition in the population is 1%.

*From Colquhoun, D. (2014). An investigation of the false discovery rate and the misinterpretation of p-values. DOI: 10.1098/rsos.140216*

