## Online Library Materials - Hypothesis Testing Framework and Caveats of p-values

Statistics In Plain English - Urdan, 2017 (Chapter 7)

Importance: Required

https://www.routledge.com/Statistics-in-Plain-English/Urdan/p/book/9781138838345

*P* Value and the Theory of Hypothesis Testing: An Explanation for New Researchers - Biau et al., 2010

Importance: Required

https://www.ncbi.nlm.nih.gov/pmc/articles/PMC2816758/

Statistics: *P* values are just the tip of the iceberg - Leek & Peng, 2015

Importance: Required

https://www.nature.com/articles/520612a

The reign of the p-value is over: what alternative analyses could we employ to fill the power vacuum - Halsey, 2019

Importance: Reference

https://royalsocietypublishing.org/doi/10.1098/rsbl.2019.0174

Statisticians issue warning over misuse of *P* values - Baker, 2016

Importance: Reference

https://www.nature.com/articles/nature.2016.19503#:~:text=Misuse%20of%20the%20P%20value,a%20statement%20released%20today1.

Scientists rise up against statistical significance - Amrhein et al., 2019

Importance: Reference

https://www.nature.com/articles/d41586-019-00857-9

The Extent and Consequences of P-Hacking in Science - Head et al., 2015

Importance: Reference

https://journals.plos.org/plosbiology/article?id=10.1371/journal.pbio.1002106

HARKing- Hypothesizing After the Results are Known - Kerr, 1998

Importance: Reference

https://journals.sagepub.com/doi/abs/10.1207/s15327957pspr0203\_4

The test of significance in psychological research - Bakan, 1966

Importance: Optional

https://pubmed.ncbi.nlm.nih.gov/5974619/