# **Template for Reading and Taking Notes on Research Articles (Limit yourself to 1 page of notes!)**

**REFERENCE FOR THE ARTICLE KEY TAKEAWAY**

**Introduction:** *What is the topic of this paper? Why is this study important?*

* Merits of bars, squares, circles and cubes for showing simple comparisons
* At present, length > area >> volume

**Literature Review:** *What is already known about this topic? What do we need to know about this topic?*

* None

**Theoretical Framework:** *Is this study a test of a specific theory or hypothesis? Is the methodology of the study guided by a specific theory?*

**Methods:**

*What type of data were collected and how were these data collected?*

* Stimuli pairs were created with ratios 2, 12.5, 16.67, 25, 33.33, 50, 66.67, 70, 90
* Size estimation
* Note that the ratios were not linear or linear on a log scale

*Sample (unit of analysis, size and key characteristics):*

* 550 observers

*How were key variables measured?*

* Participants asked to estimate size of smaller stimuli of a pair, without scales

*How were the data analyzed?*

**Results:** *What were the most important findings? Was the theory/hypothesis supported or not? Were there any surprising/unexpected findings?*

* Bars > Squares (> to mean better than)
* Bars > Circles
* Bars >> Cubes
* Squares ≈ Circles (inconclusive)
* Squares > Cubes
* Circles > Cubes
* Bars > centered squares
* Bars > centered circles
* Centered bars/circles are inconclusive compared to same baseline

**Conclusions:** *What are the implications of this study for policy and for research? What were the limitations of the study? What should future researchers do?*

* Only used two stimuli that were side-by-side