Shayla Ghose

HYRS – July 11th, 2025

P-value:

- A statistical measurement used to validate a hypothesis against observed data.
- How likely your data could have occurred under the null hypothesis.
- The lower the p-value, the greater the statistical significance of observed difference.
- Used to determine the strength of evidence against the null hypothesis.

Minimum and Maximum Value (for dataset GSE93272):

1) What is the minimum and maximum for raw expression data?
   -Minimum is 2.5956, maximum is 14.52594

2) What is the minimum and maximum for normalized expression data?
   -Minimum is 1.846233, maximum is 3.956609

3) What is the minimum and maximum for annotated expression data?
   -Minimum is 1.901892, maximum is 3.956609