

Figure 1 is a log-log plot showing the relationship between the Type I error rate (x-axis) and the Type II error rate (y-axis) for various values of the Quantile Threshold (QTN). The x-axis ranges from 0.001 to 0.100, and the y-axis ranges from 0.001 to 0.100. The legend indicates seven curves for different QTN values: 0.3 (green squares), 0.2 (cyan inverted triangles), 0.1 (orange diamonds), 0.05 (brown crosses), 0.02 (blue plus signs), 0.01 (red triangles), and 0 (black circles). The curves show that as the Type I error rate increases, the Type II error rate also increases, and the slope of the curves increases as QTN increases.

