



Figure A2. Verify whether the gap between the k -th largest eigenvalue and the $(k+1)$ -th largest eigenvalue of \mathbf{K}^* is greater than 0. For each dataset, we repeated the experiment 100 times. The “Minimum Value” above the plot indicates the minimum value of $\lambda_k - \lambda_{k+1}$ in the 100 experiments for that dataset. As shown, in a total of 1000 experiments, the gap between λ_k and λ_{k+1} never become 0.