

BUSI 525 HW02

Yifan Zhang

1 GitHub Link

Please see <https://github.com/yifanzhang0842/BUSI525>

2 Part1 - No Skilled Funds

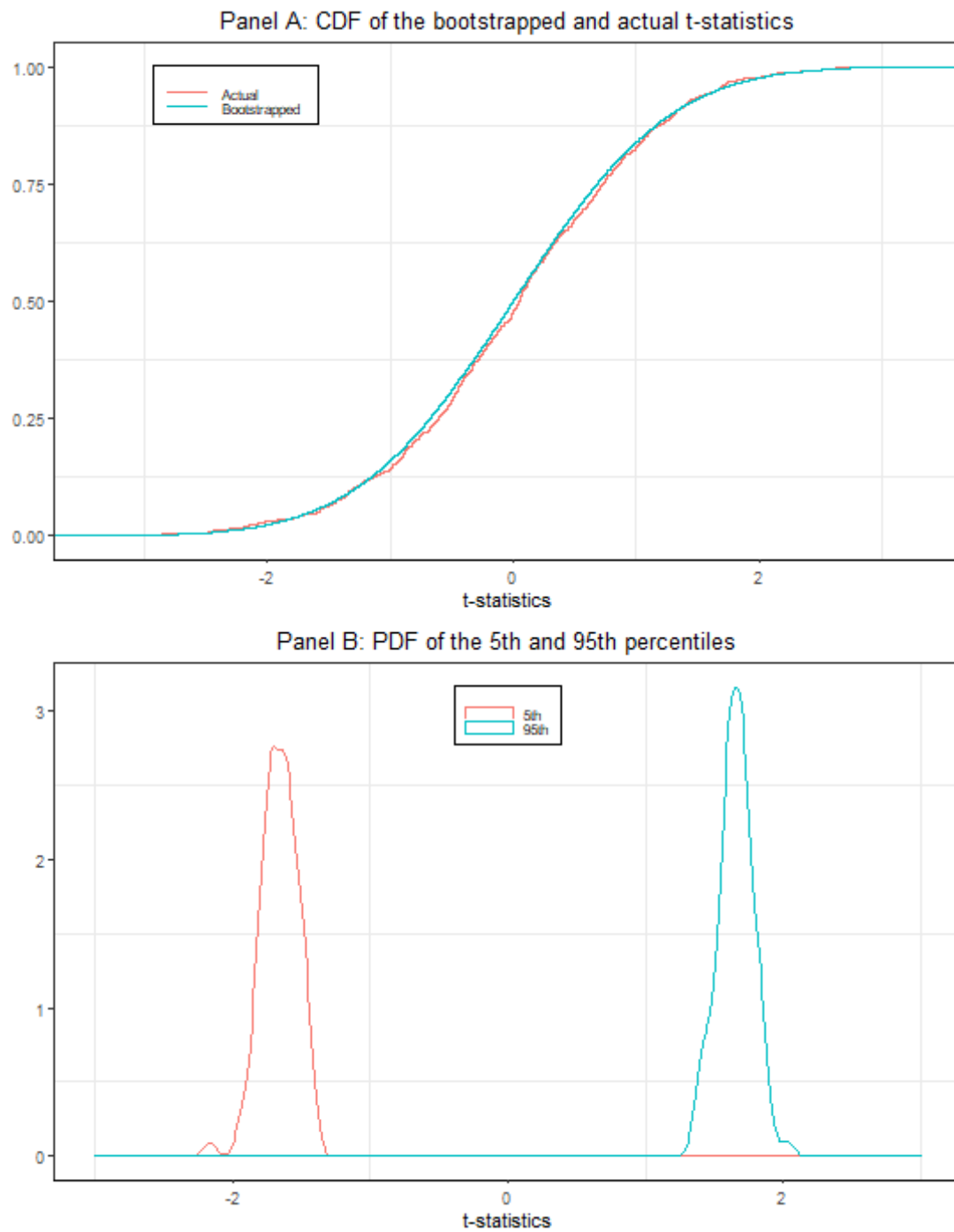


Figure 1: **No skill.** This figure plots the distribution of CDF of bootstrapped and actual alpha t-statistics, and 5th and 95th percentiles of the bootstrap t-statistics.

3 Part2 - No Skilled Funds

3.1 Alpha 1%

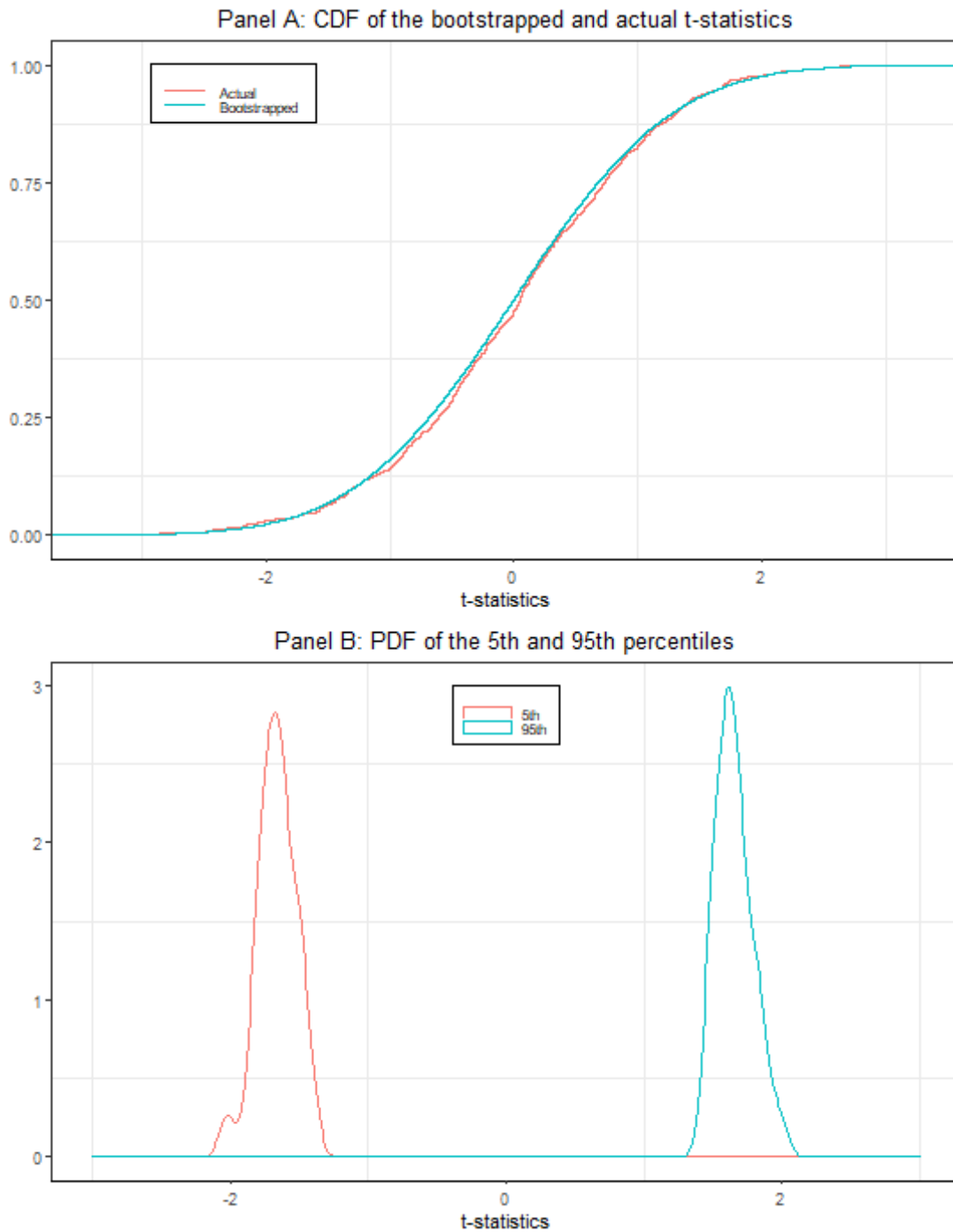


Figure 2: $\lambda = 0.10$. This figure plots the distribution of CDF of bootstrapped and actual alpha t-statistics, and 5th and 95th percentiles of the bootstrap t-statistics with $\alpha = 1\%$ and $\lambda = 0.10$.

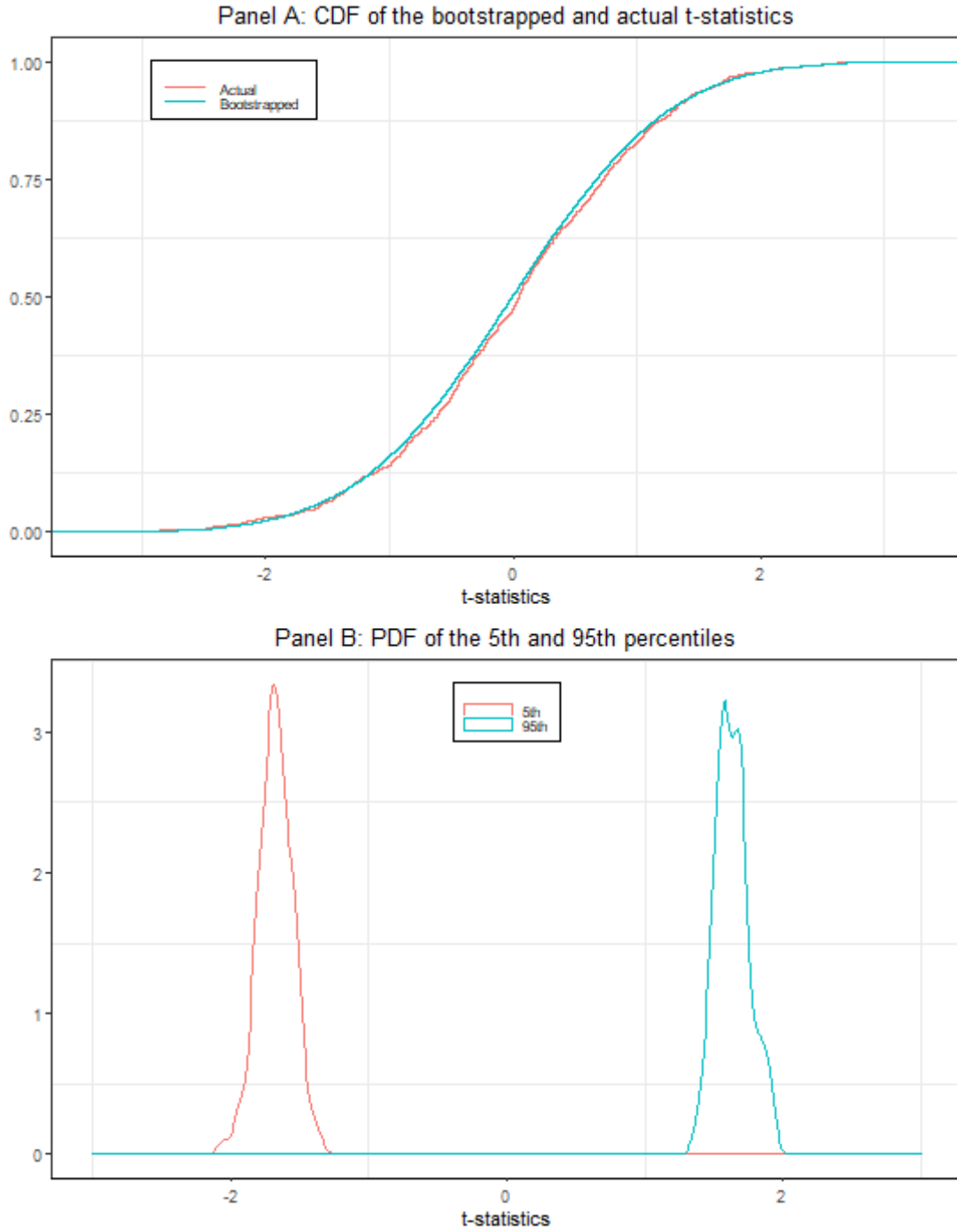


Figure 3: $\lambda = 0.25$. This figure plots the distribution of CDF of bootstrapped and actual alpha t-statistics, and 5th and 95th percentiles of the bootstrap t-statistics with $\alpha = 1\%$ and $\lambda = 0.25$.

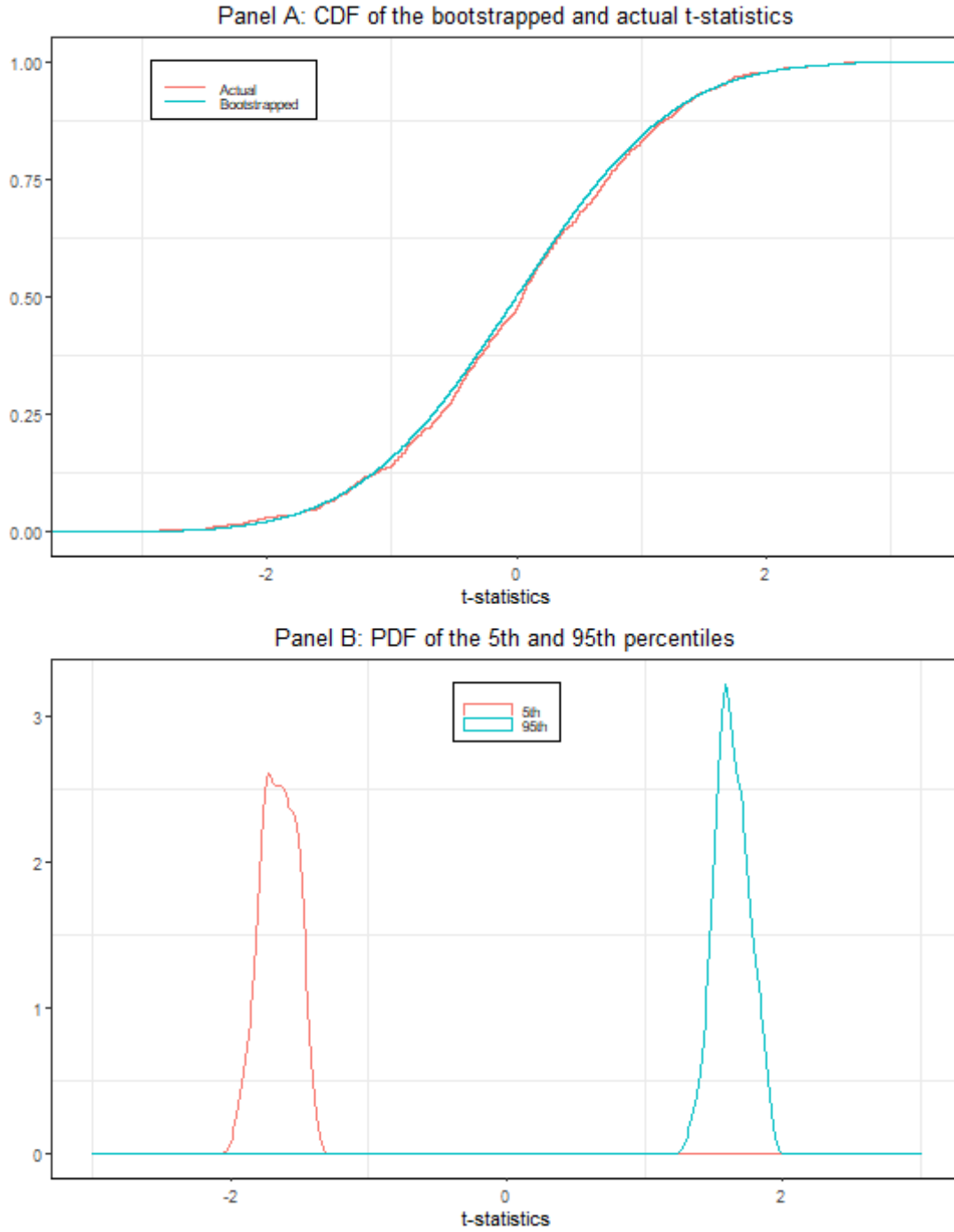


Figure 4: $\lambda = 0.50$. This figure plots the distribution of CDF of bootstrapped and actual alpha t-statistics, and 5th and 95th percentiles of the bootstrap t-statistics with $\alpha = 1\%$ and $\lambda = 0.50$.

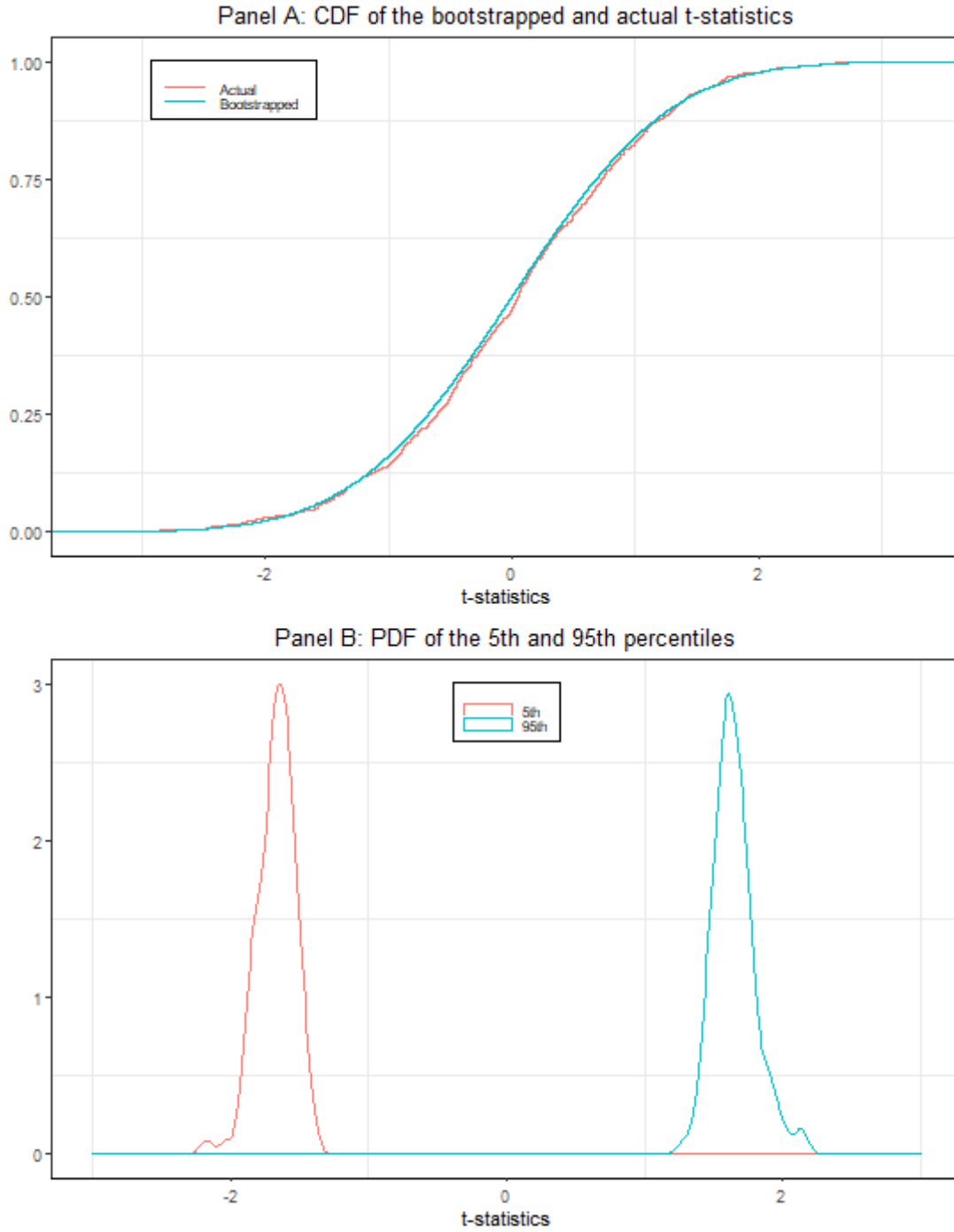


Figure 5: $\lambda = 0.75$. This figure plots the distribution of CDF of bootstrapped and actual alpha t-statistics, and 5th and 95th percentiles of the bootstrap t-statistics with $\alpha = 1\%$ and $\lambda = 0.75$.

3.2 Alpha 2.5%

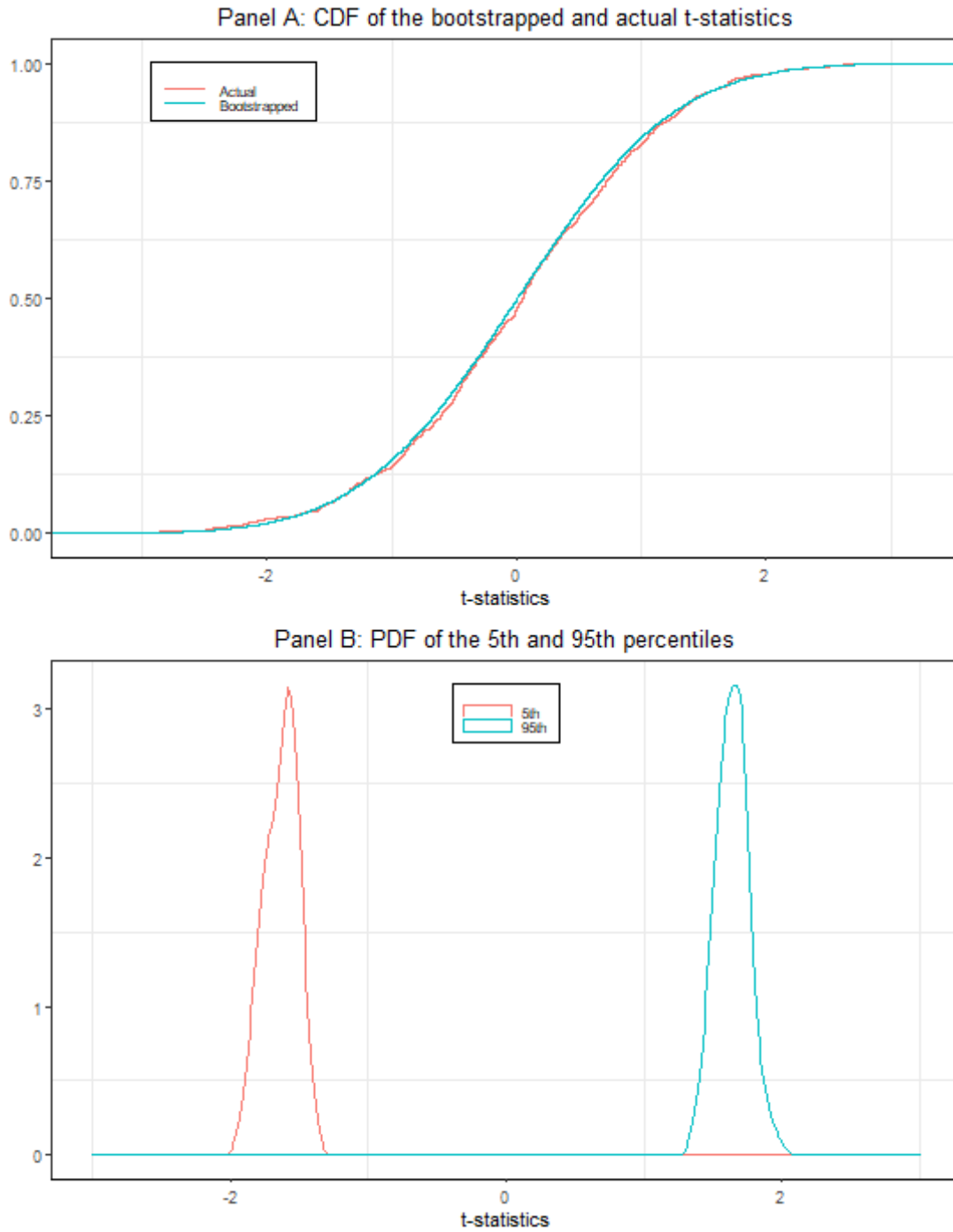


Figure 6: $\lambda = 0.10$. This figure plots the distribution of CDF of bootstrapped and actual alpha t-statistics, and 5th and 95th percentiles of the bootstrap t-statistics with $\alpha = 2.5\%$ and $\lambda = 0.10$.

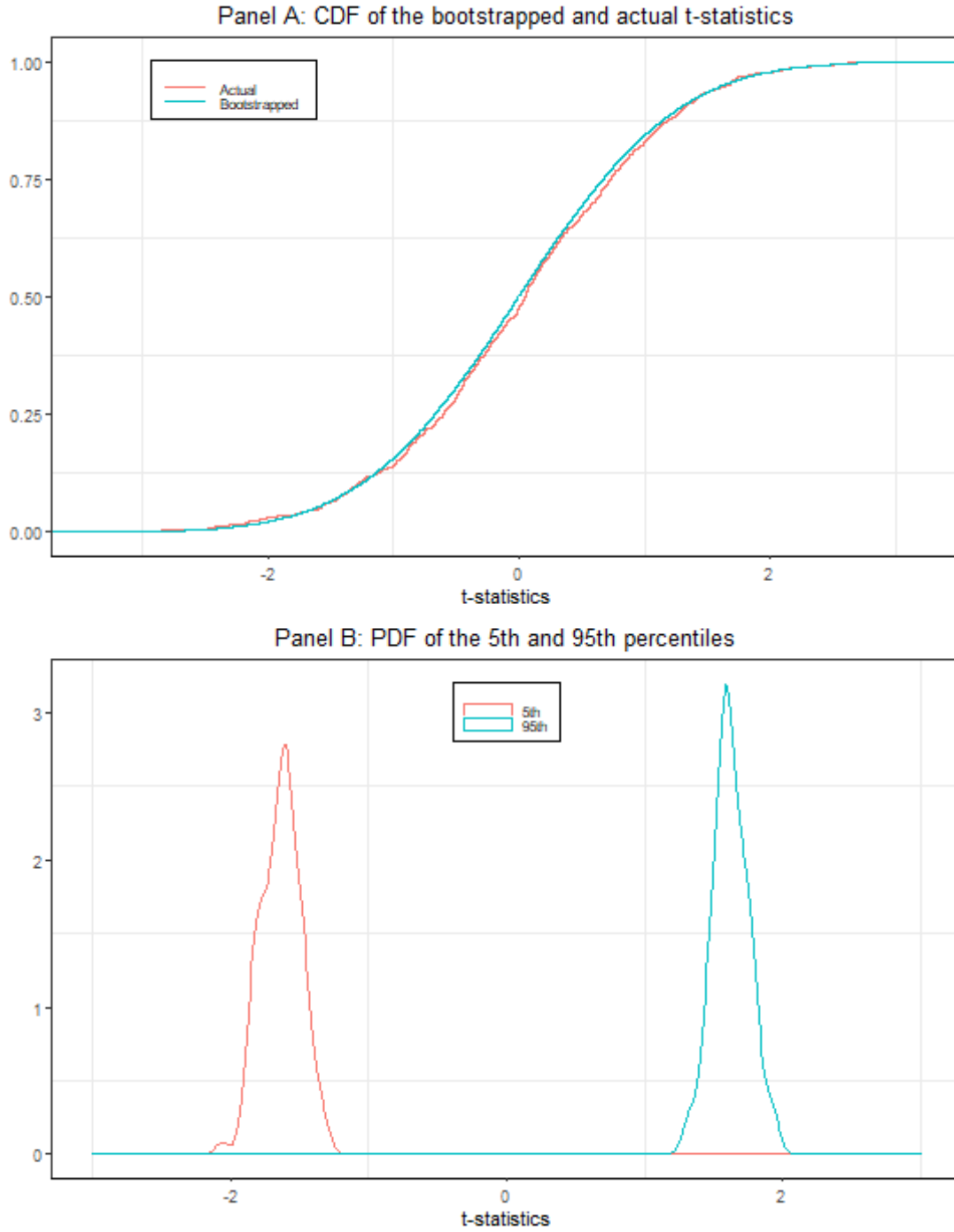


Figure 7: $\lambda = 0.25$. This figure plots the distribution of CDF of bootstrapped and actual alpha t-statistics, and 5th and 95th percentiles of the bootstrap t-statistics with $\alpha = 2.5\%$ and $\lambda = 0.25$.

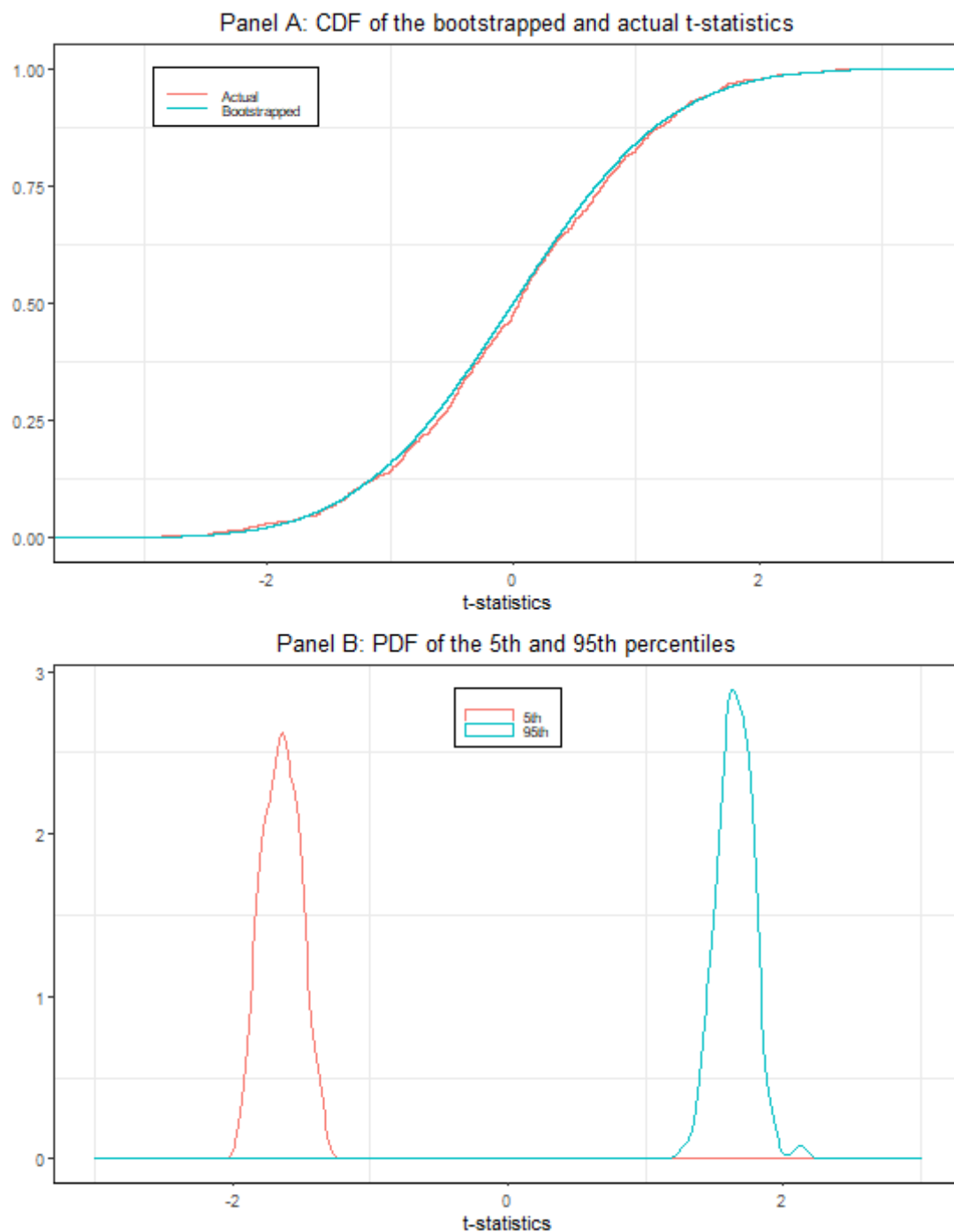


Figure 8: $\lambda = 0.50$. This figure plots the distribution of CDF of bootstrapped and actual alpha t-statistics, and 5th and 95th percentiles of the bootstrap t-statistics with $\alpha = 2.5\%$ and $\lambda = 0.50$.

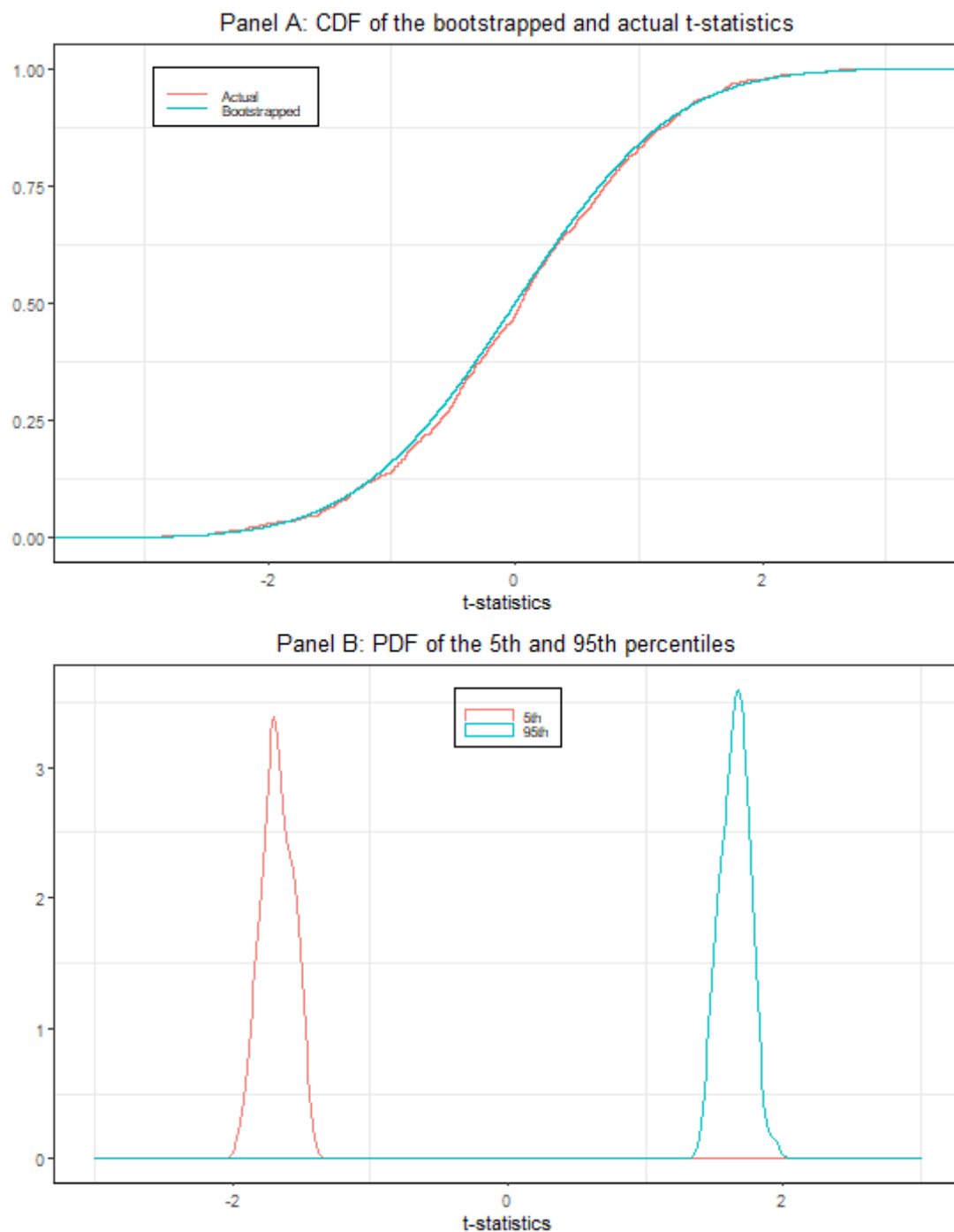


Figure 9: $\lambda = 0.75$. This figure plots the distribution of CDF of bootstrapped and actual alpha t-statistics, and 5th and 95th percentiles of the bootstrap t-statistics with $\alpha = 2.5\%$ and $\lambda = 0.75$.

3.3 Alpha 5%

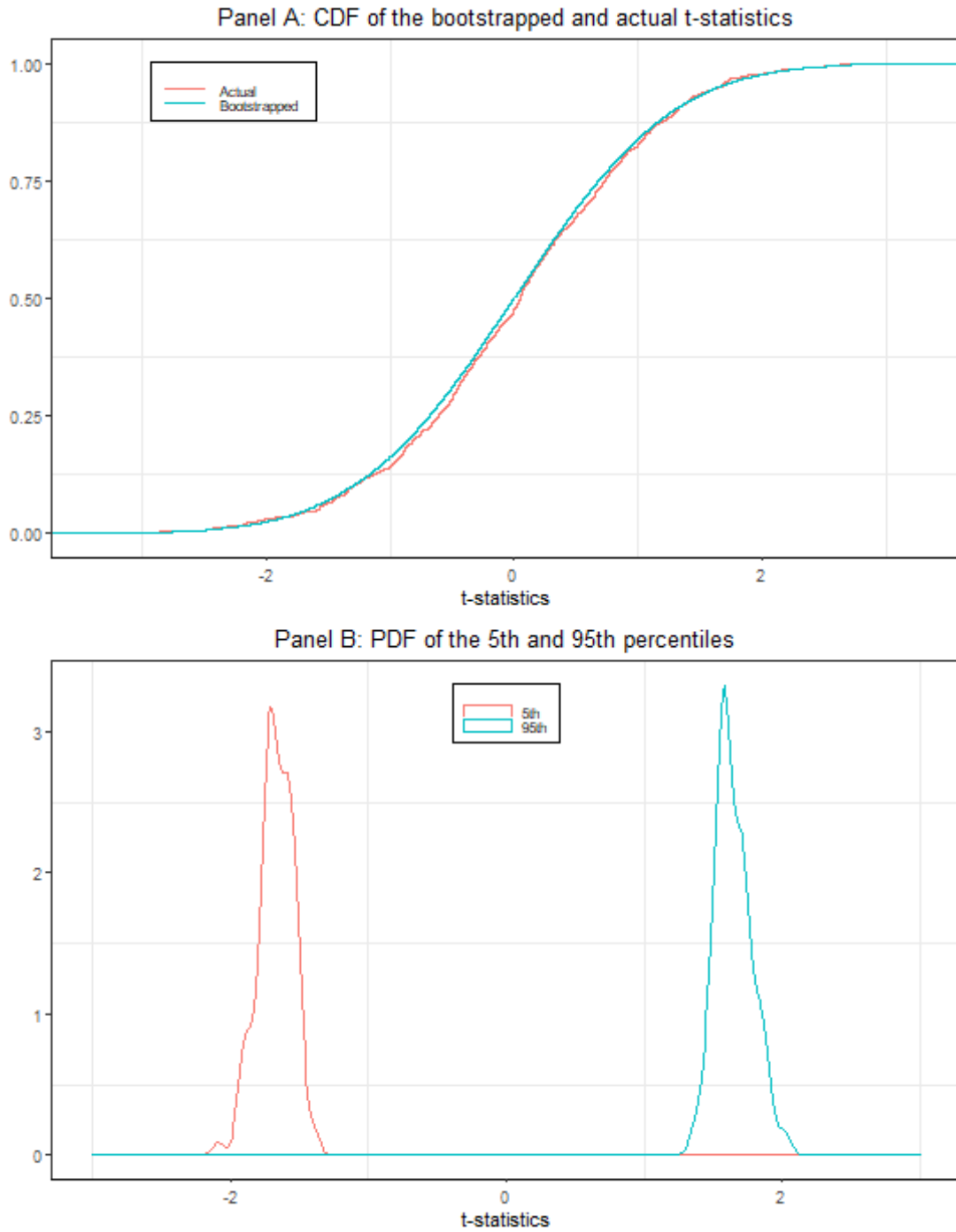


Figure 10: $\lambda = 0.10$. This figure plots the distribution of CDF of bootstrapped and actual alpha t-statistics, and 5th and 95th percentiles of the bootstrap t-statistics with $\alpha = 5\%$ and $\lambda = 0.10$.

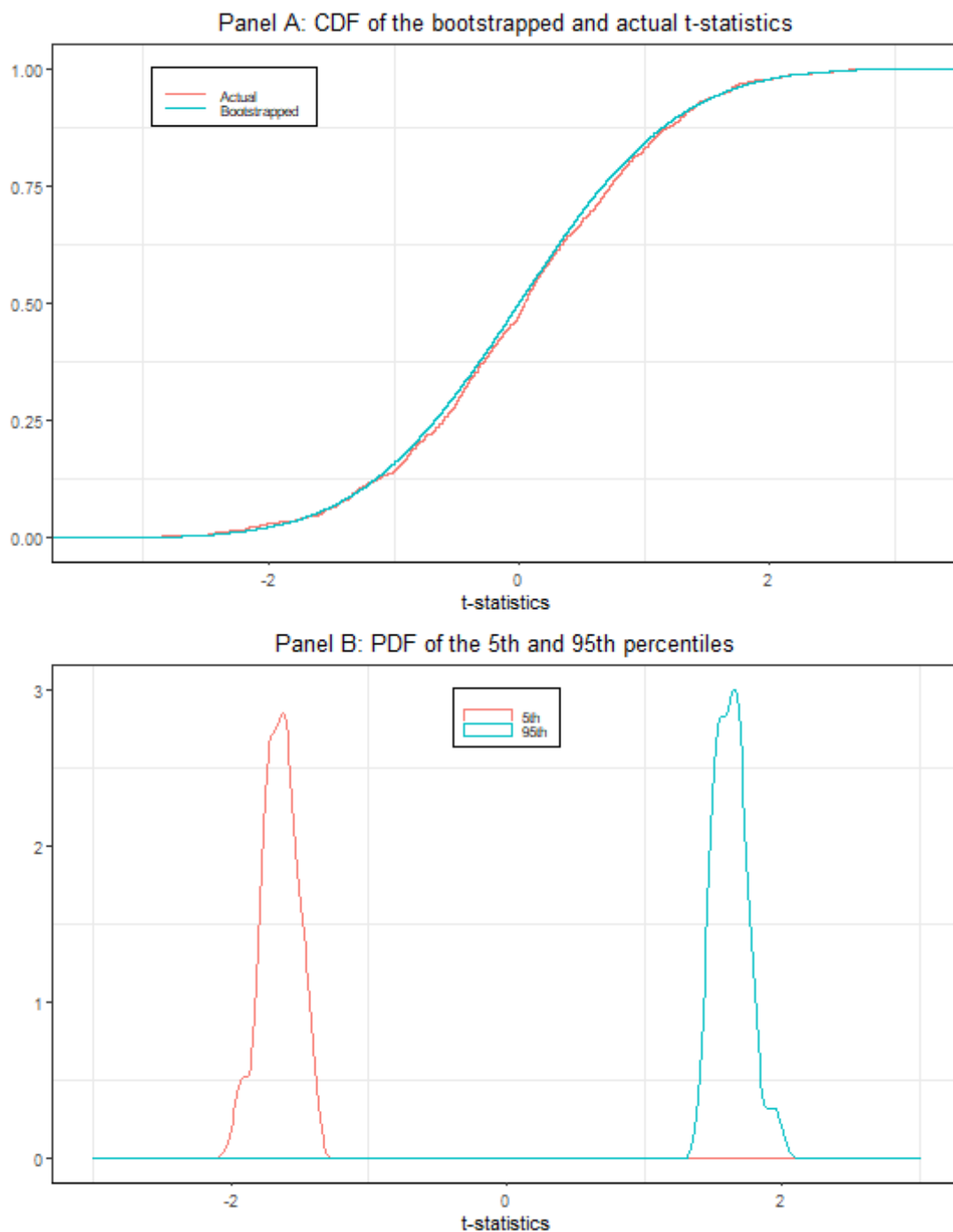


Figure 11: $\lambda = 0.25$. This figure plots the distribution of CDF of bootstrapped and actual alpha t-statistics, and 5th and 95th percentiles of the bootstrap t-statistics with $\alpha = 5\%$ and $\lambda = 0.25$.

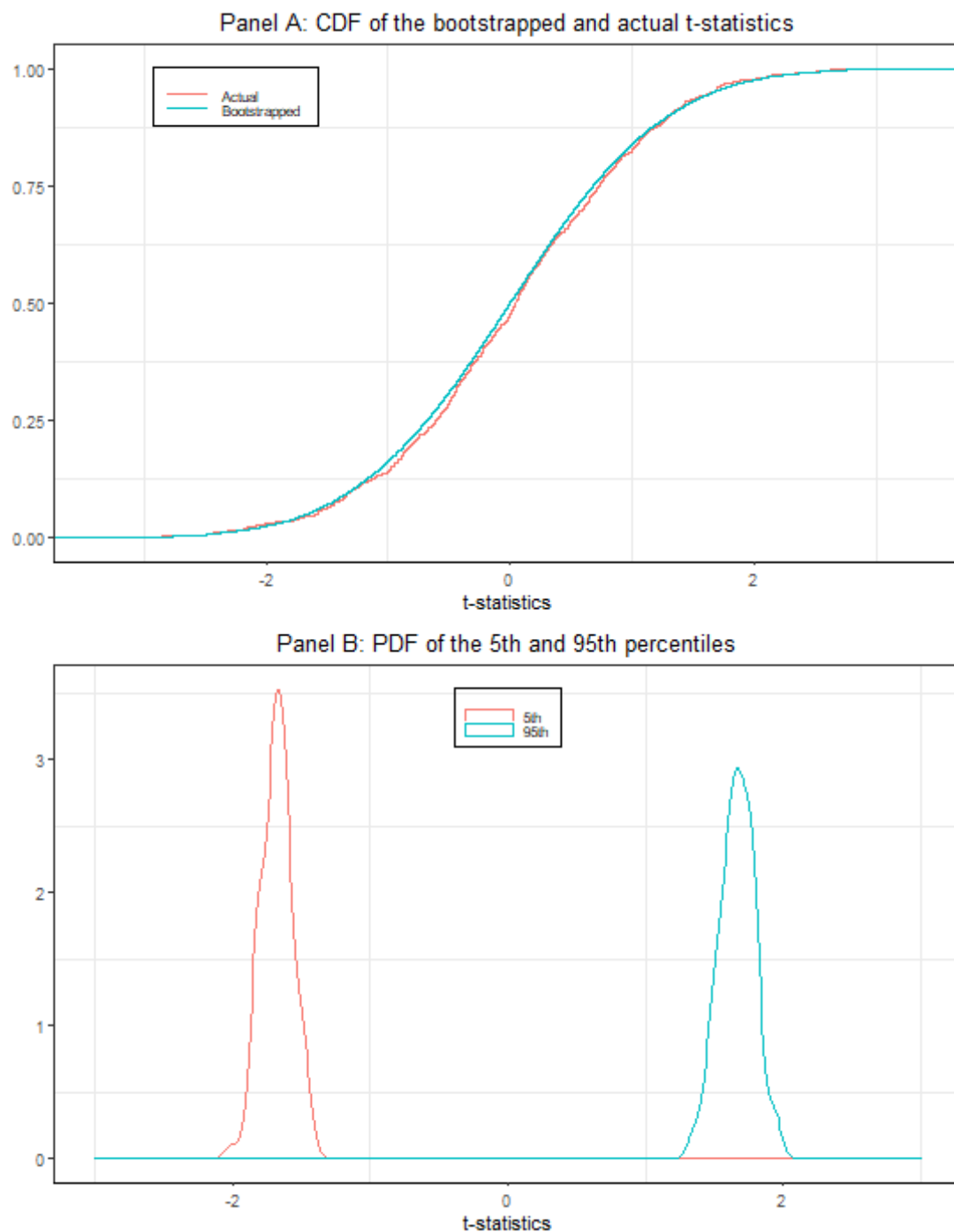


Figure 12: $\lambda = 0.50$. This figure plots the distribution of CDF of bootstrapped and actual alpha t-statistics, and 5th and 95th percentiles of the bootstrap t-statistics with $\alpha = 5\%$ and $\lambda = 0.50$.

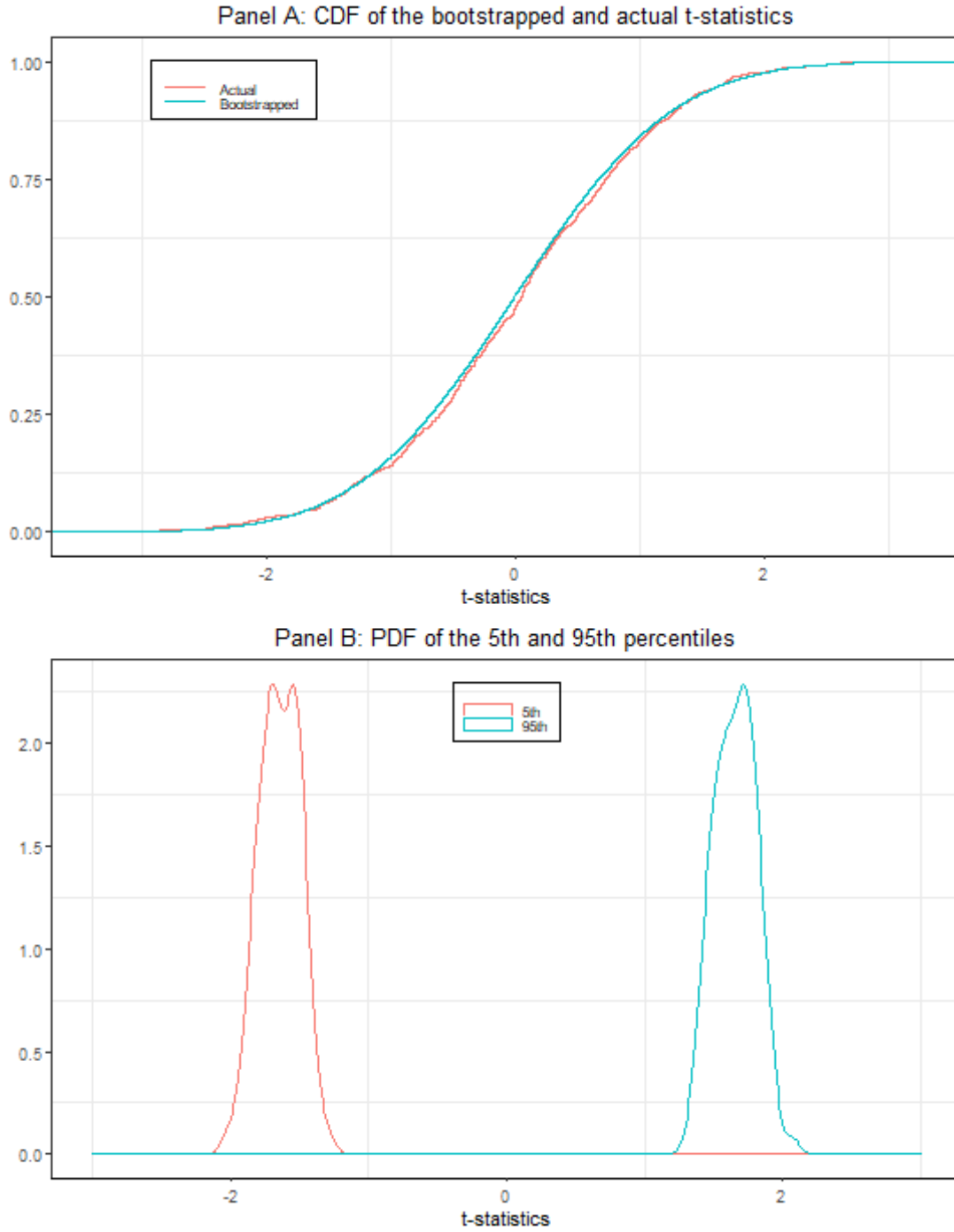


Figure 13: $\lambda = 0.75$. This figure plots the distribution of CDF of bootstrapped and actual alpha t-statistics, and 5th and 95th percentiles of the bootstrap t-statistics with $\alpha = 5\%$ and $\lambda = 0.75$.