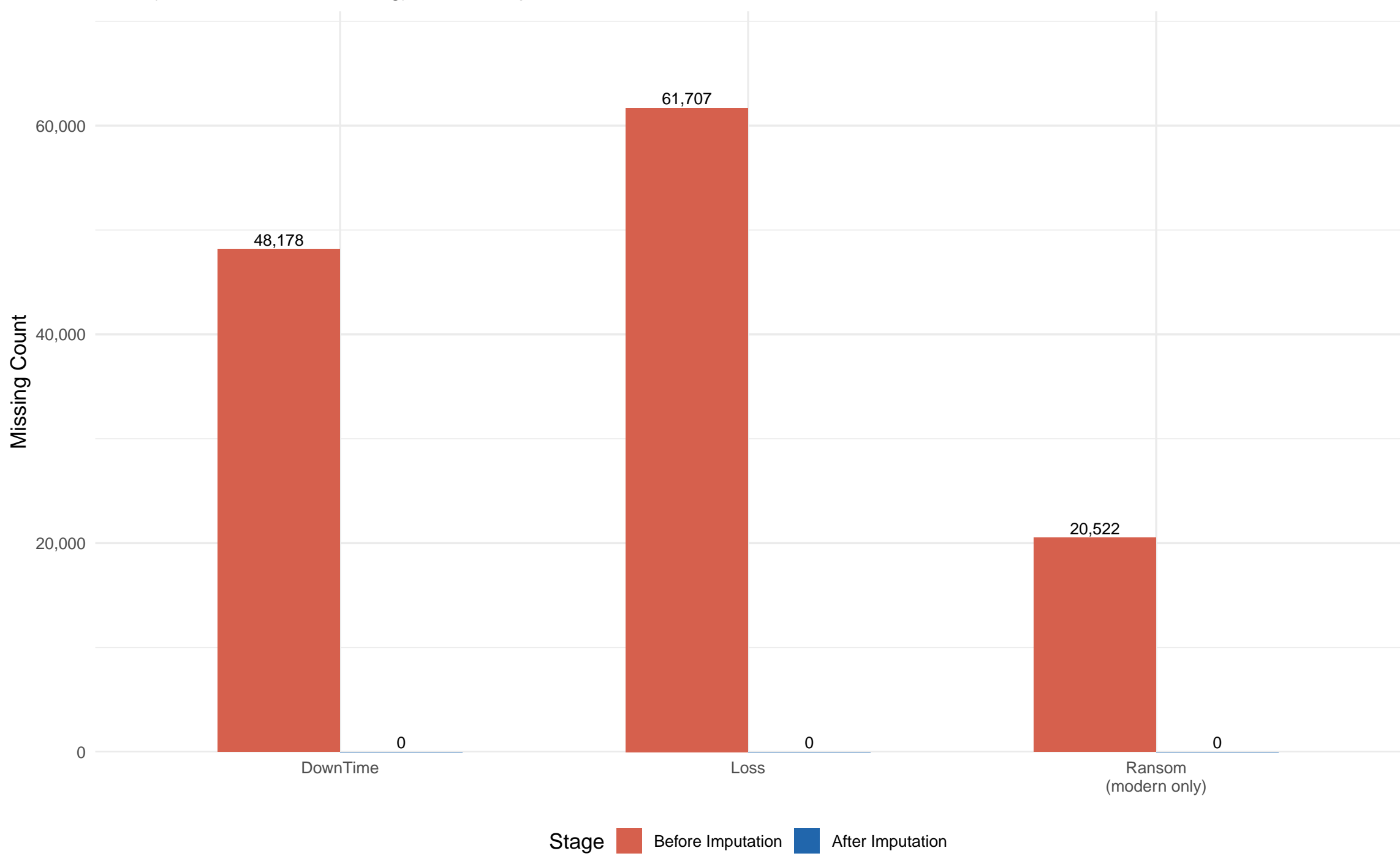


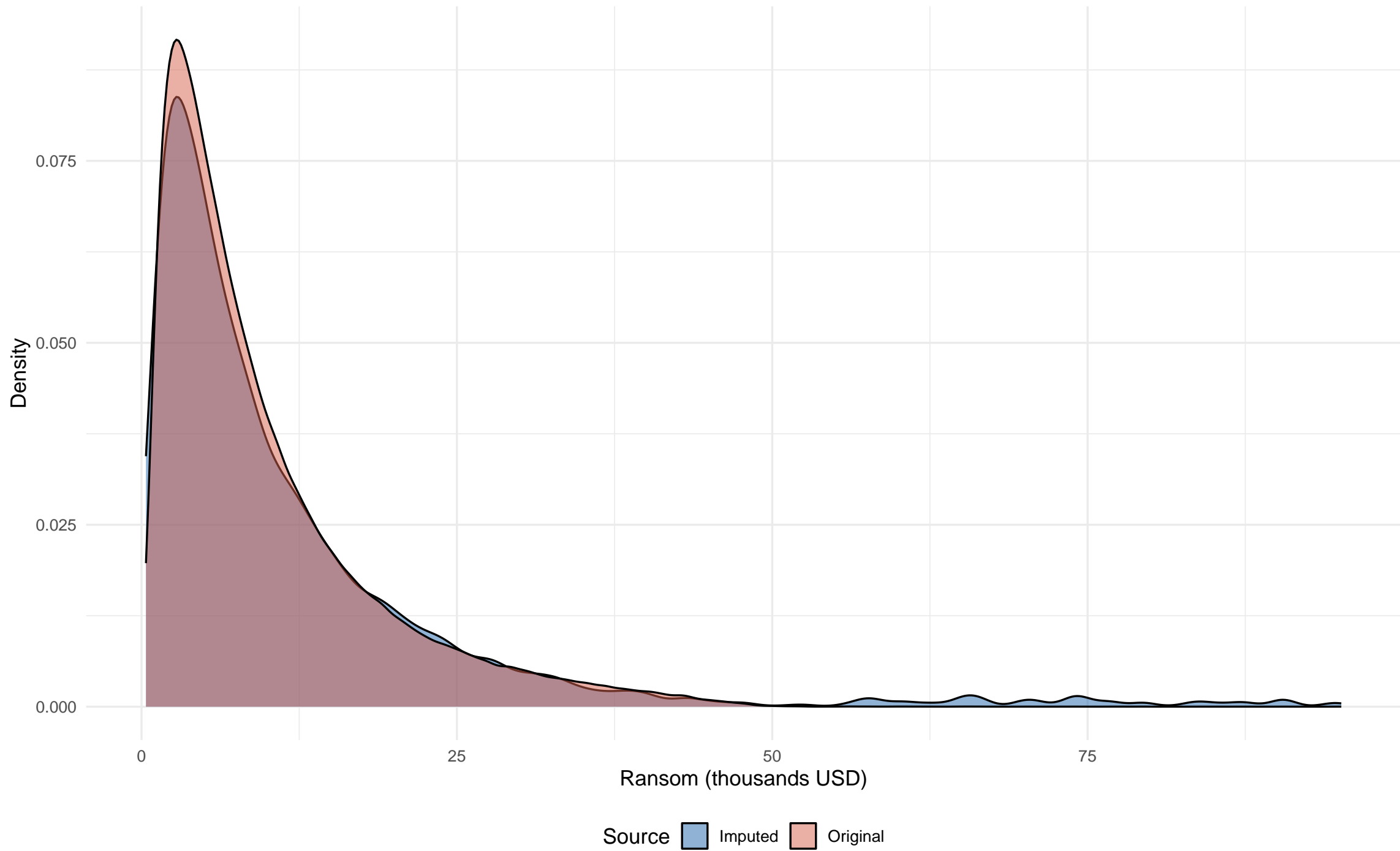
Missing Values: Before vs After MICE Imputation

PMM (Predictive Mean Matching) used for imputation



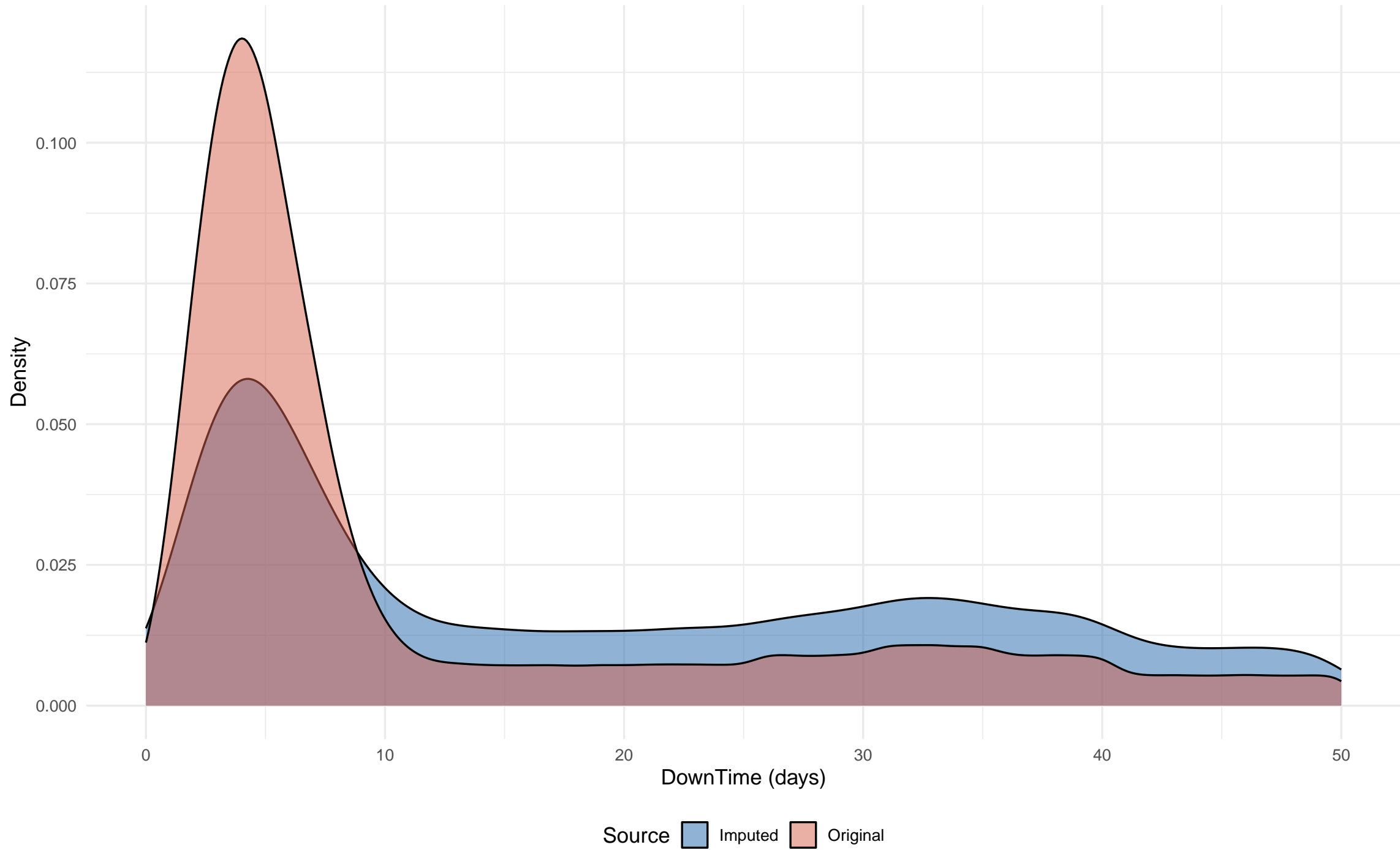
Ransom: Original vs Imputed Distribution

Density comparison to verify imputation quality

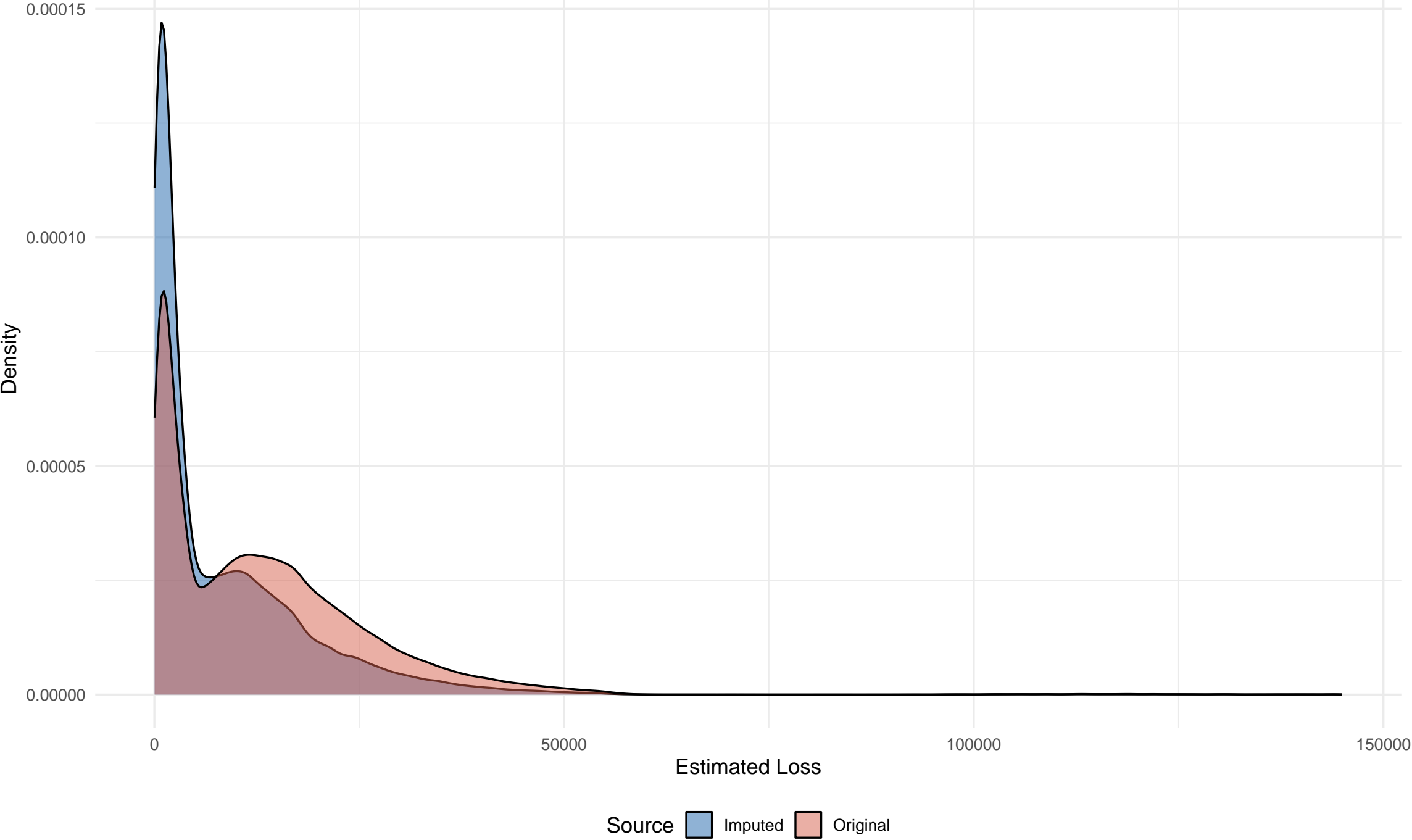


DownTime: Original vs Imputed Distribution

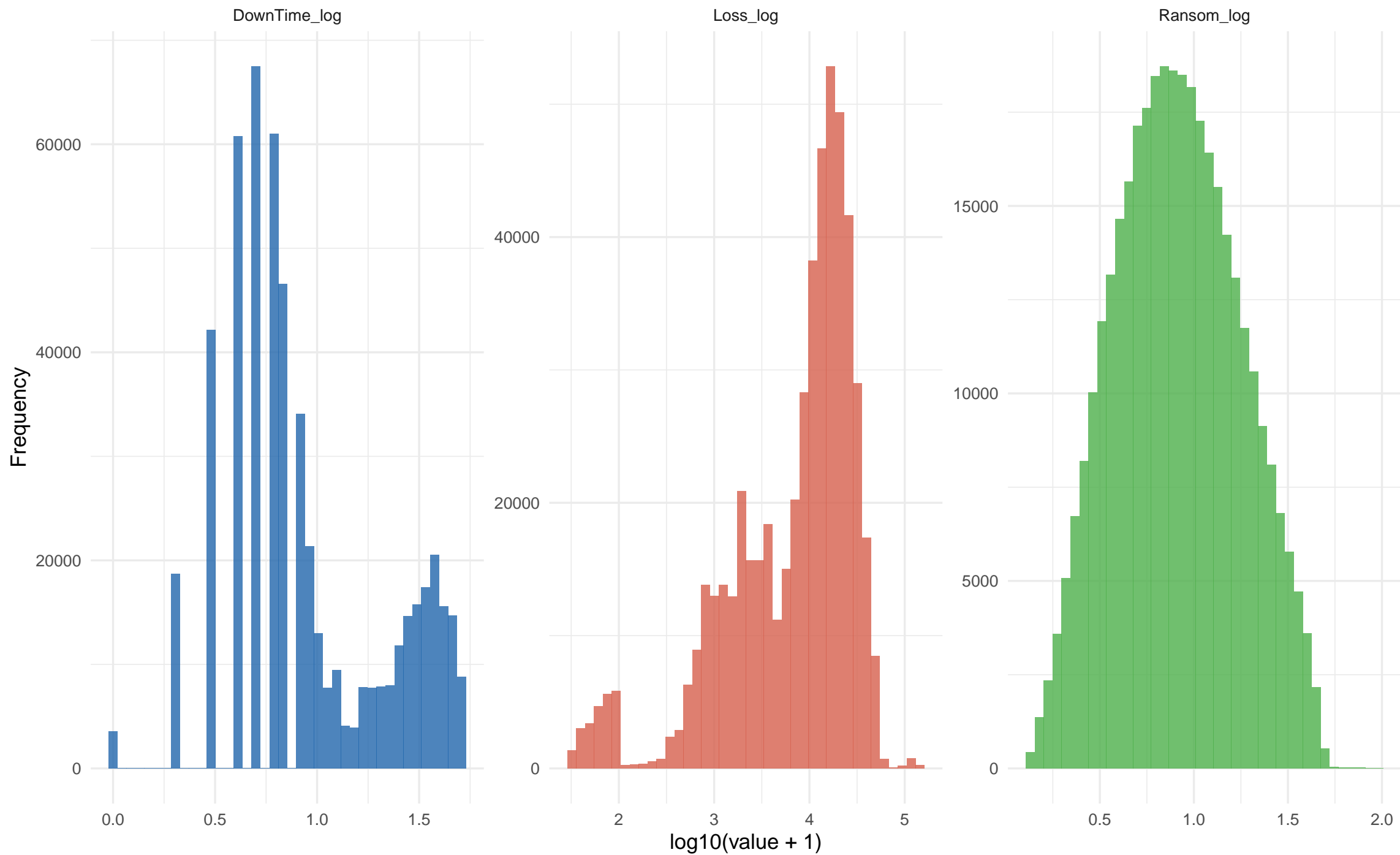
Density comparison to verify imputation quality



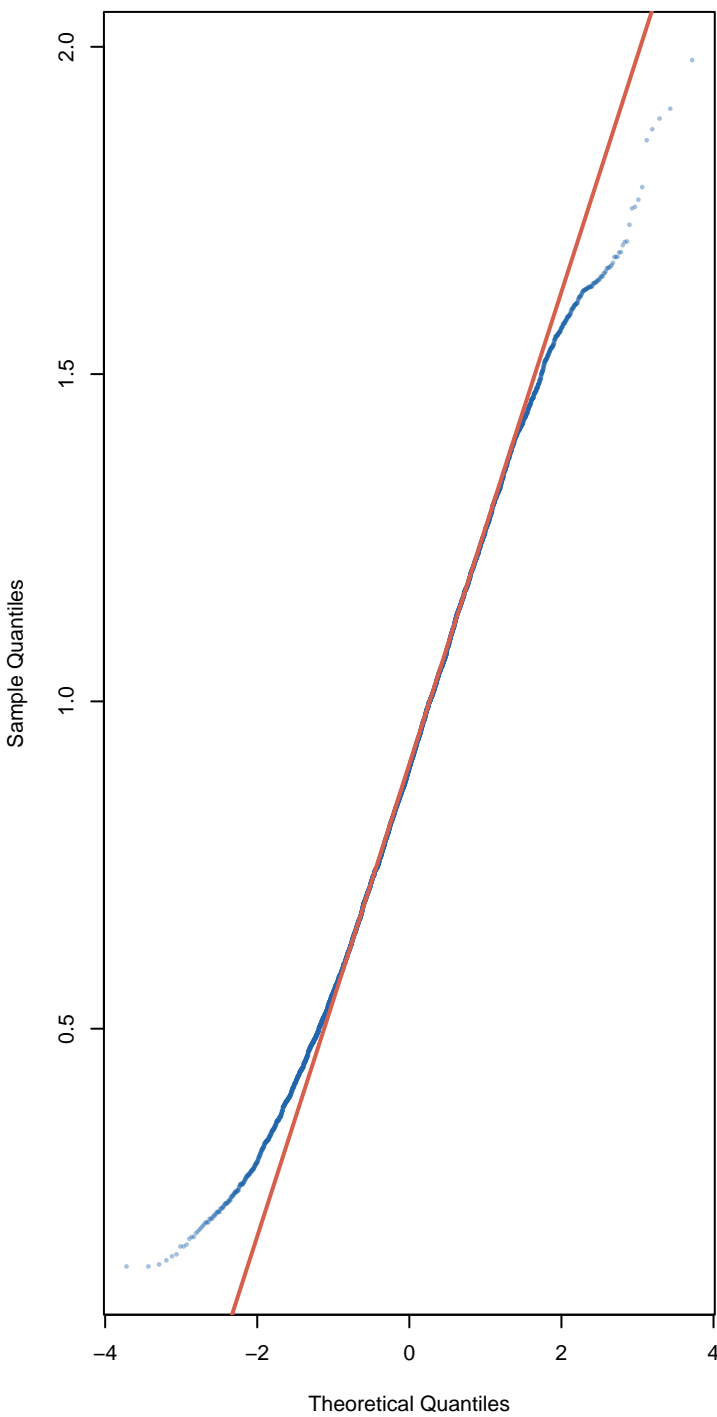
Loss: Original vs Imputed Distribution
Density comparison to verify imputation quality



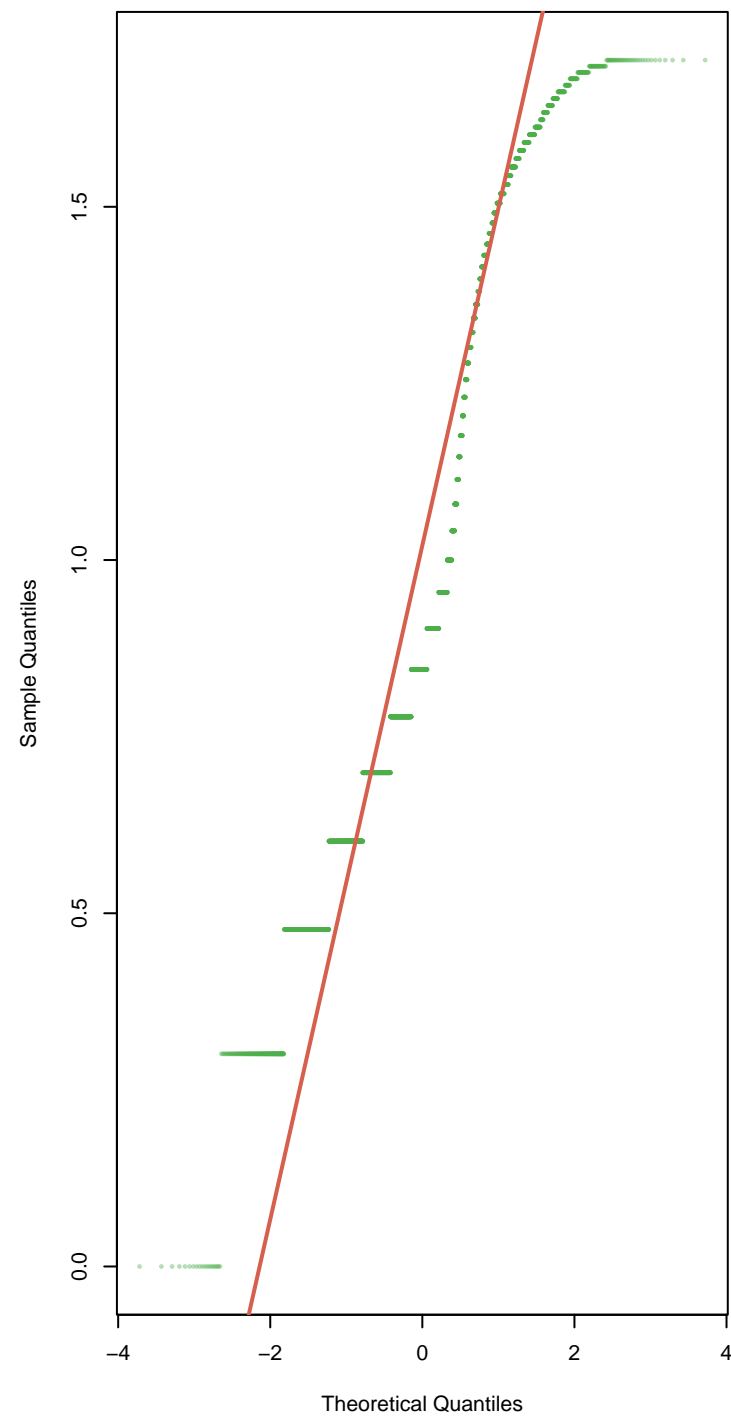
Log-Transformed Distributions: $\log_{10}(x + 1)$
Used for MICE imputation to improve normality



QQ Plot: Ransom_log_imputed
(Modern era, n=5000 sample)



QQ Plot: DownTime_log_imputed
(n=5000 sample)



QQ Plot: Loss_log_imputed
(n=5000 sample)

