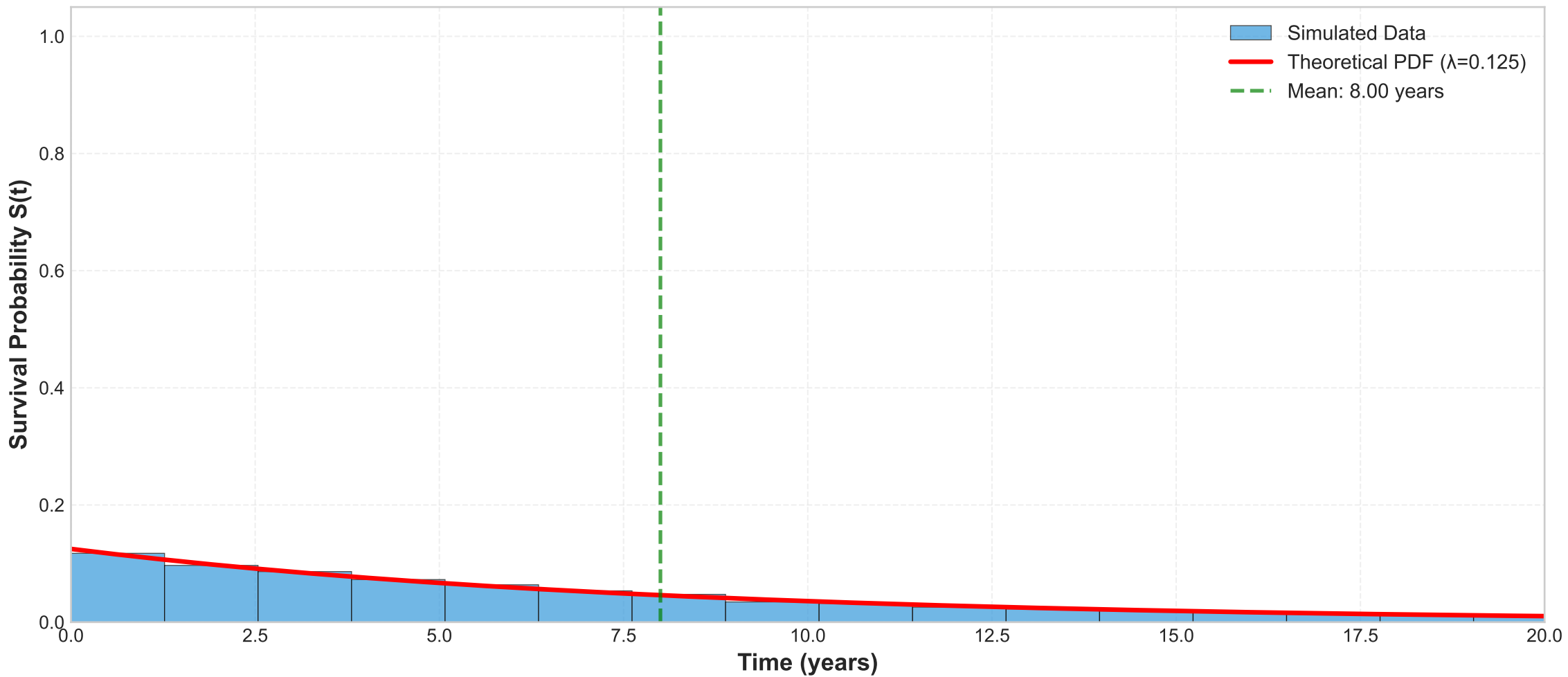
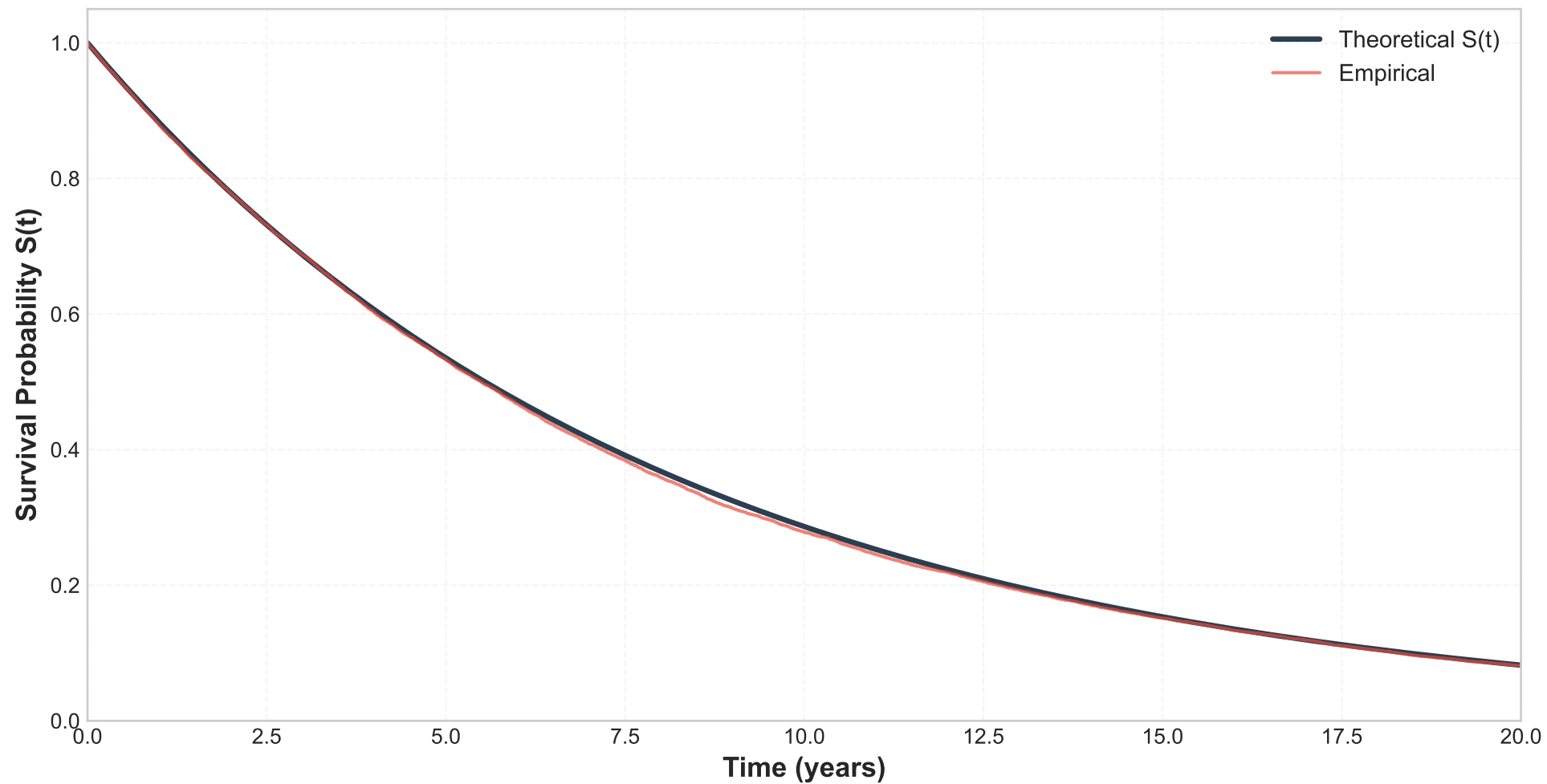


Cancer Patient Survival Curve

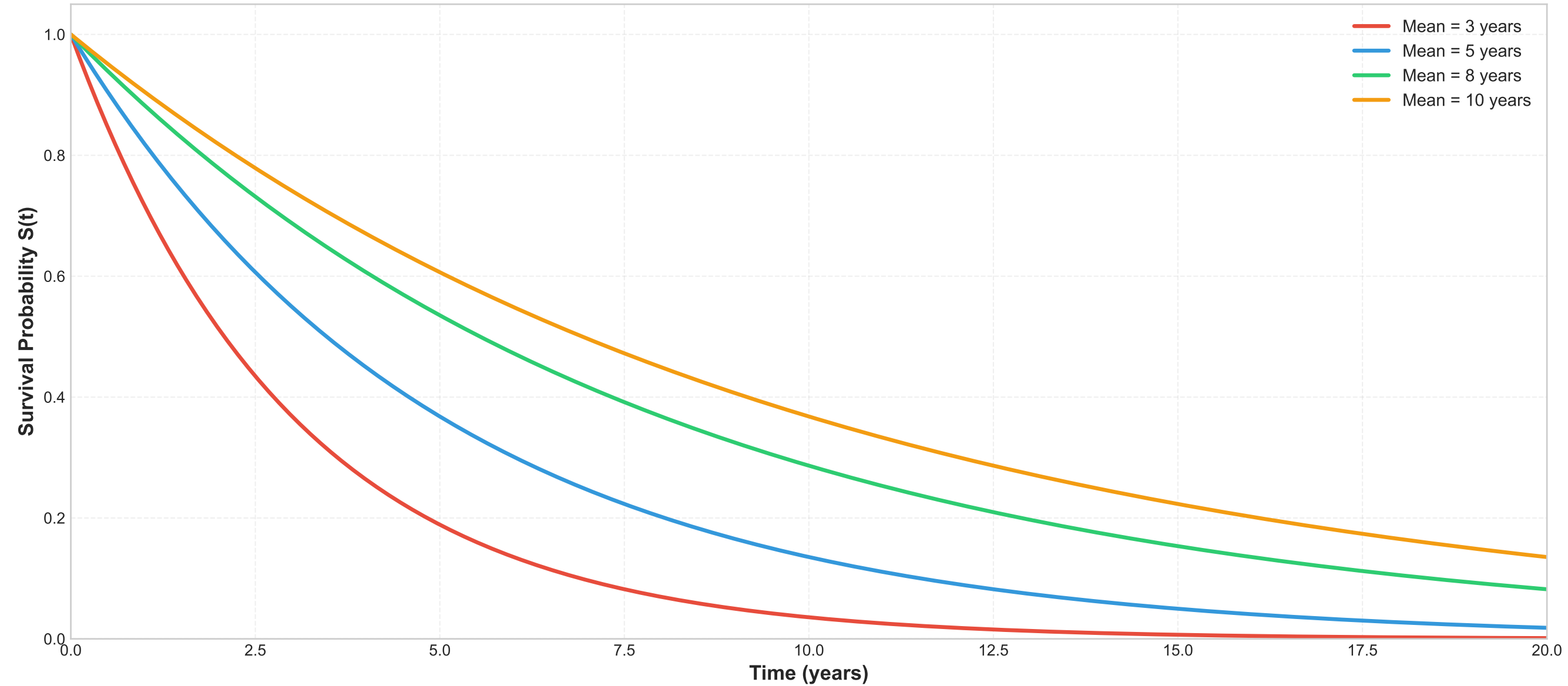
Exponential Distribution Model



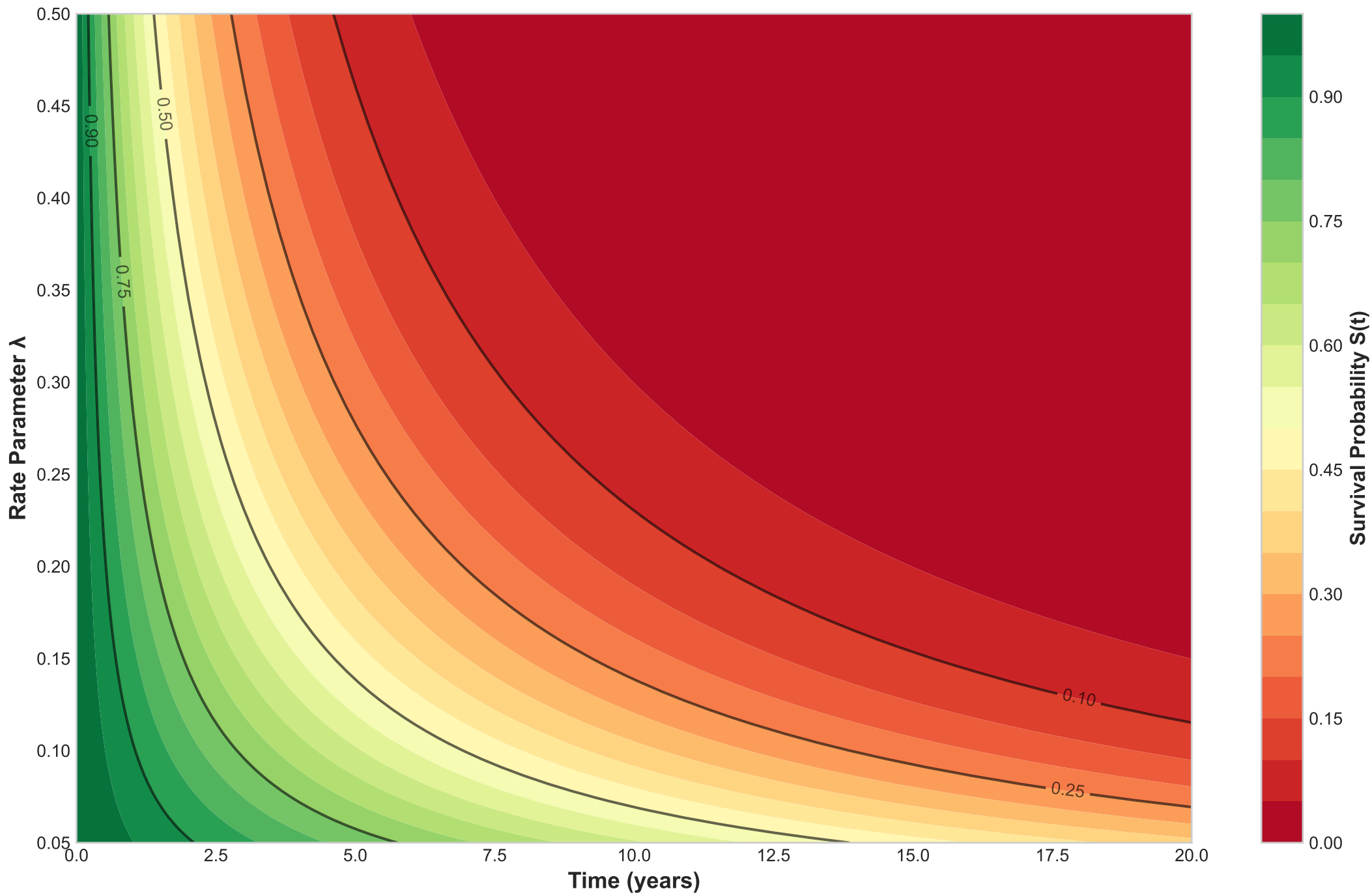
Cancer Patient Survival Curve



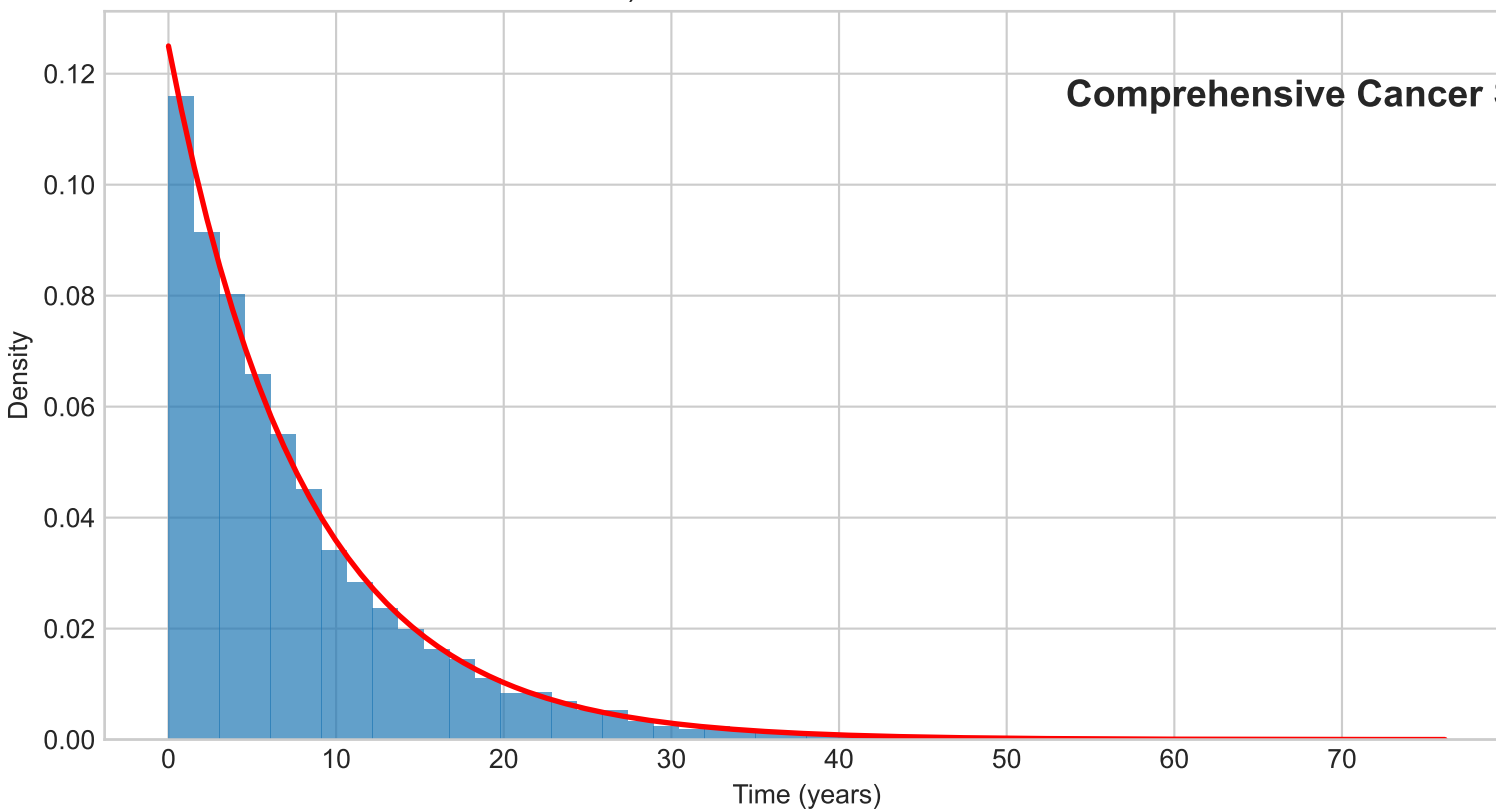
**Comparison of Survival Curves
Different Mean Survival Times**



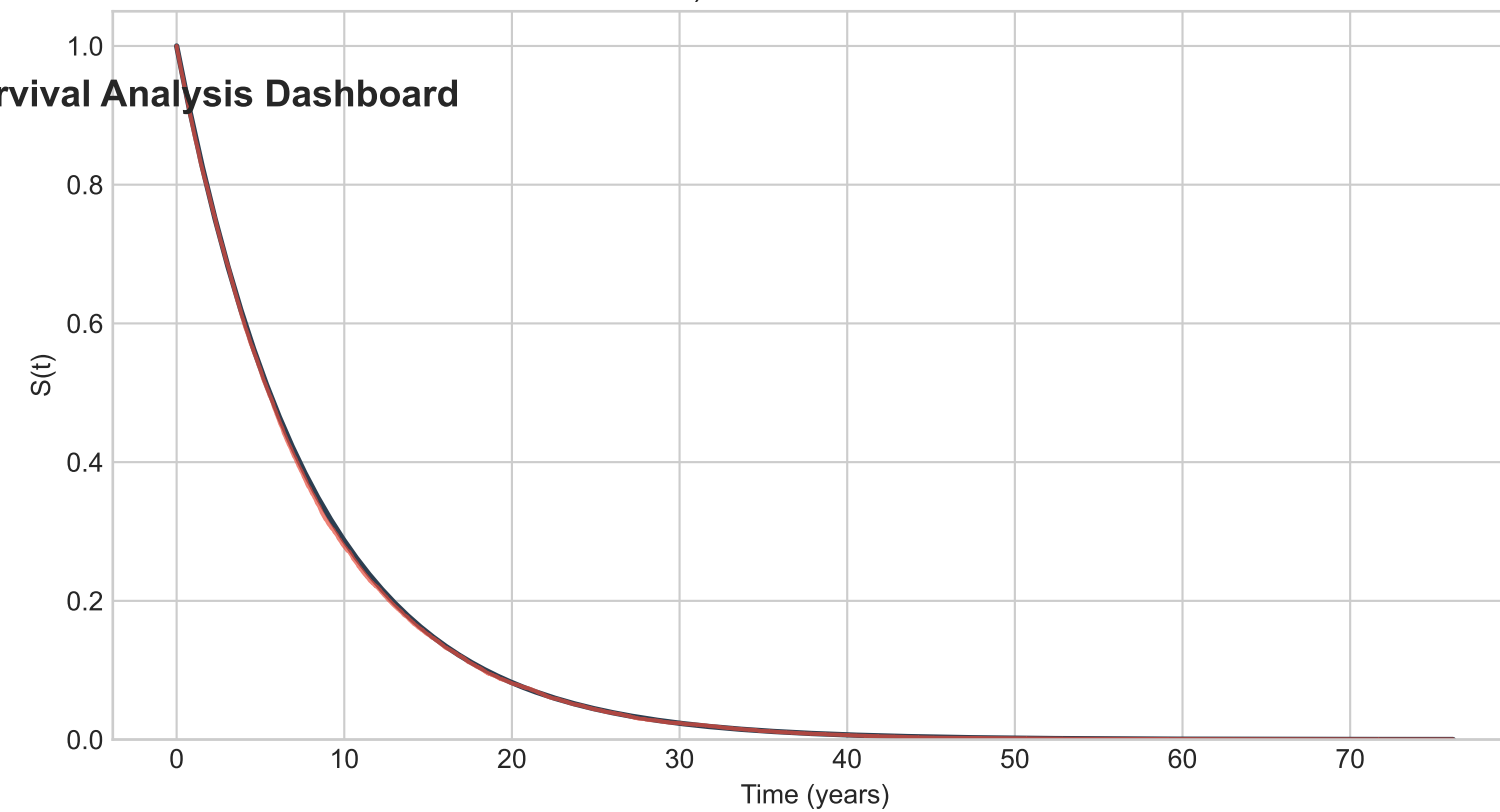
Survival Probability Heatmap
 $P(T > t)$ vs Time and Rate Parameter



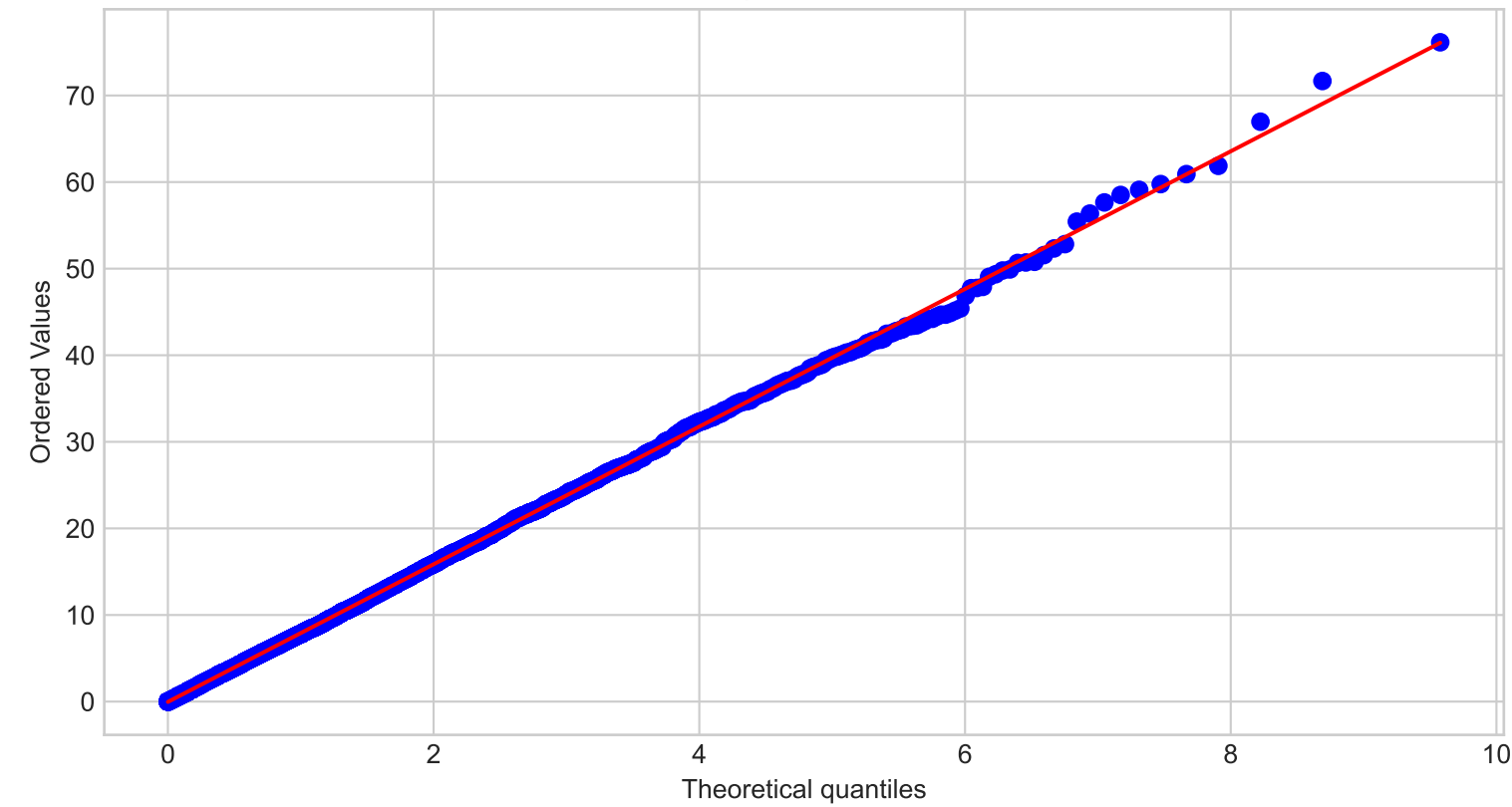
A) Survival Time Distribution



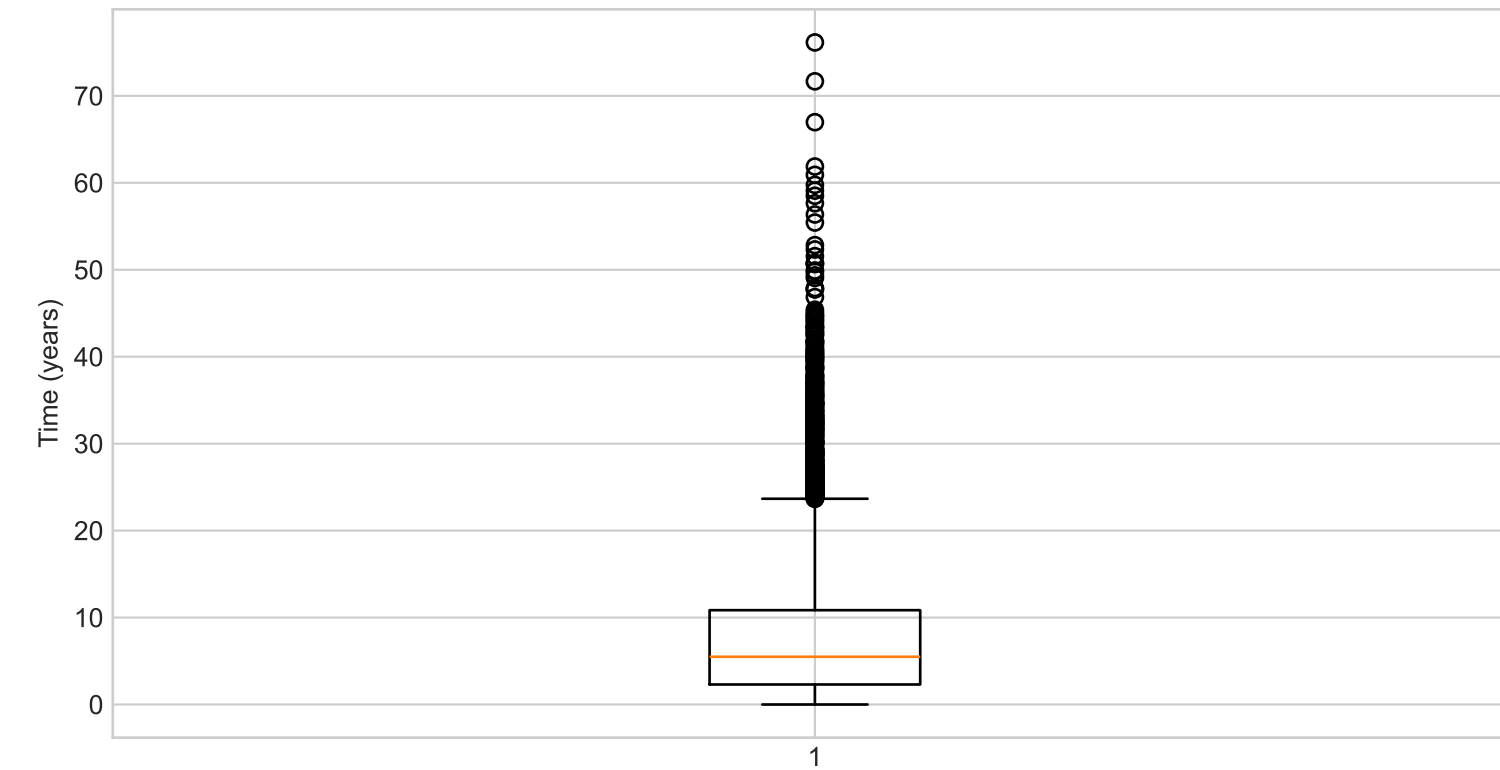
B) Survival Function



C) Q-Q Plot



D) Box Plot



Count: 10000.0000
Mean: 7.9096
Median: 5.4890
Std Dev: 7.9402
Variance: 63.0469
Min: 0.0004
Max: 76.1450
Q25: 2.3038
Q50: 5.4890
Q75: 10.8499
Iqr: 8.5461
Skewness: 1.9891
Kurtosis: 5.7442