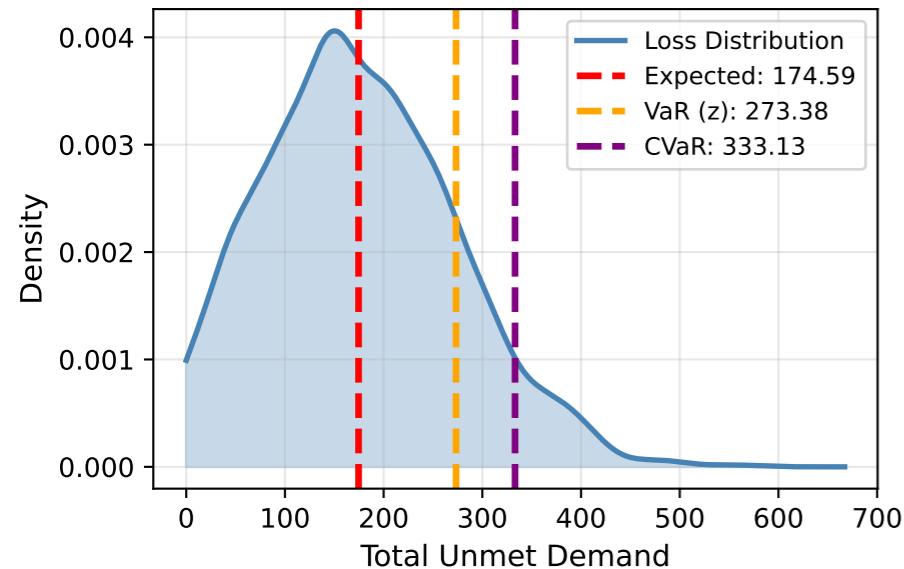
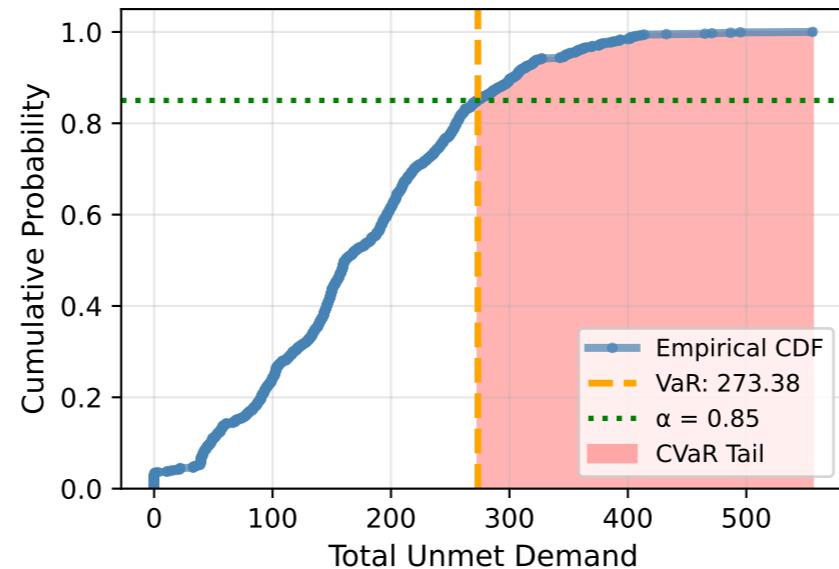


# CVaR Model Analysis ( $\beta=0.25$ , $\alpha=0.85$ )

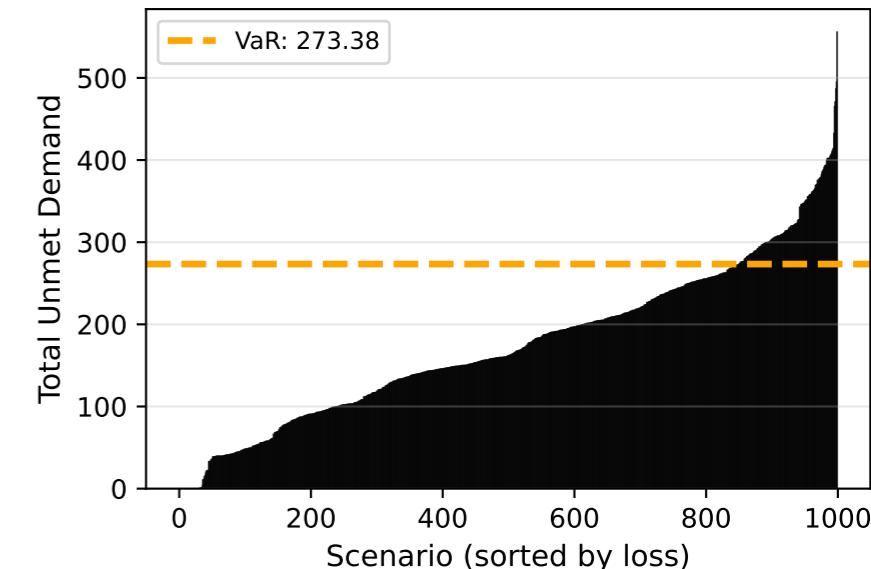
**Loss Distribution ( $\beta=0.25$ ,  $\alpha=0.85$ )**



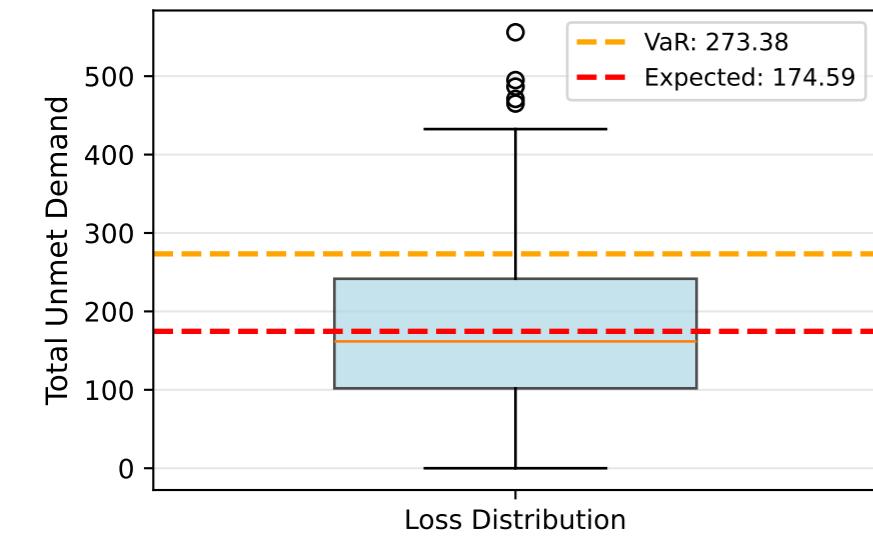
**Cumulative Distribution Function**



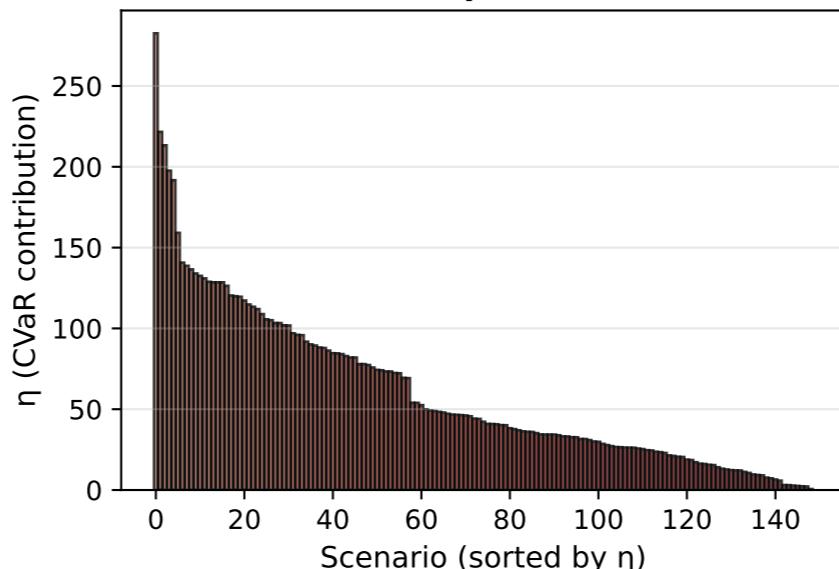
**Sorted Scenario Losses**



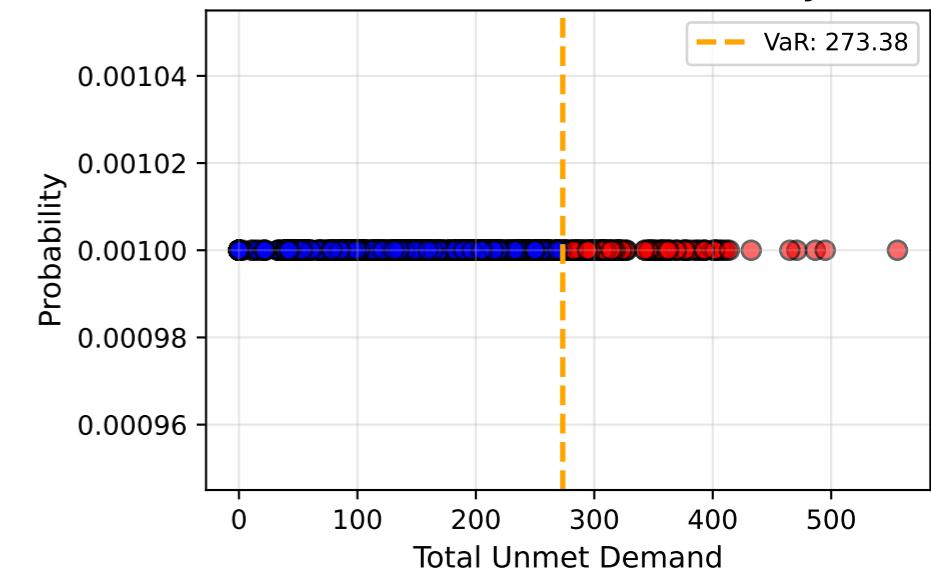
**Distribution Box Plot**



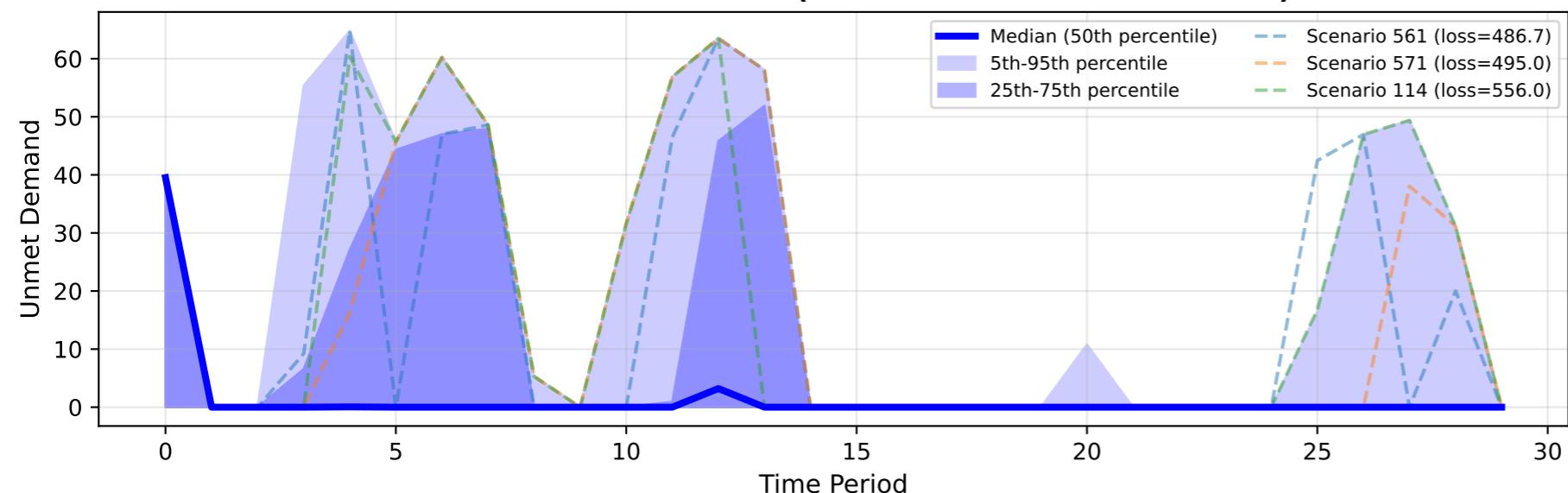
**CVaR Contributions ( $\eta > 0.01$ ): 149 scenarios**



**Scenario Loss vs Probability**



**Unmet Demand Over Time (Percentiles + Worst Scenarios)**



MODEL SUMMARY
$\beta=0.25$ , $\alpha=0.85$
Objective: 214.2257
Expected Loss: 174.5896
VaR (z): 273.3782
CVaR: 333.1339
Scenario Stats:
Min: 0.00
25%: 101.90
50%: 161.74
75%: 241.62
Max: 555.96
Std: 96.28
CVaR tail: 149 scenarios
Non-zero $\eta$ : 149
Objective Breakdown:
$(1-\beta) \times E[L] = 130.9422$
$\beta \times CVaR = 83.2835$