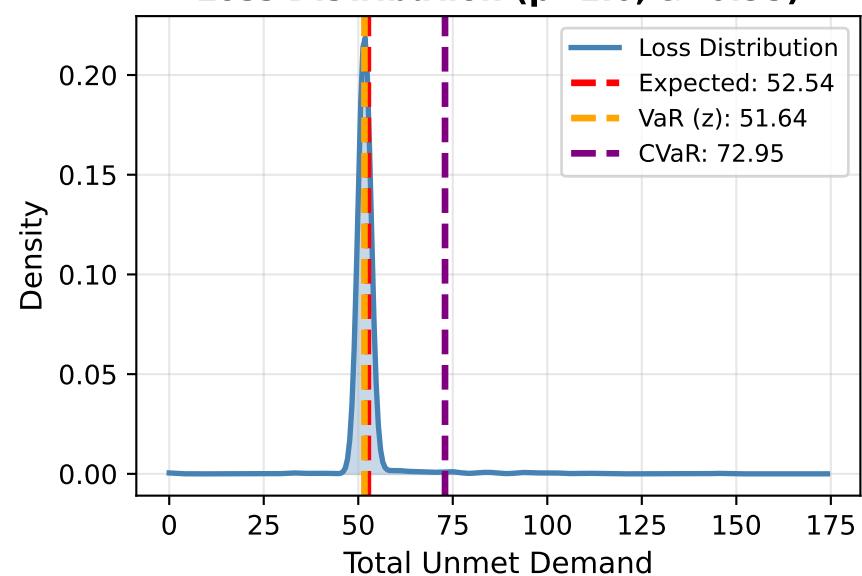
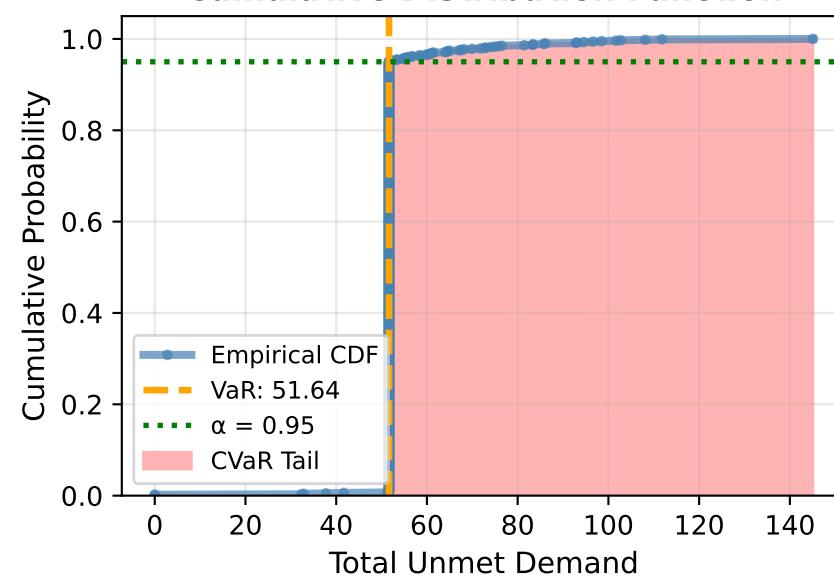


# CVaR Model Analysis ( $\beta=1.0$ , $\alpha=0.95$ )

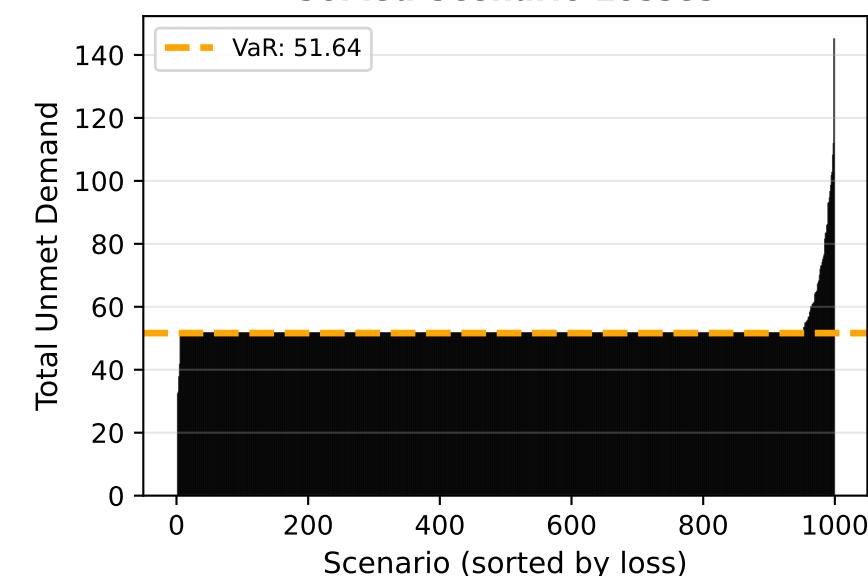
**Loss Distribution ( $\beta=1.0$ ,  $\alpha=0.95$ )**



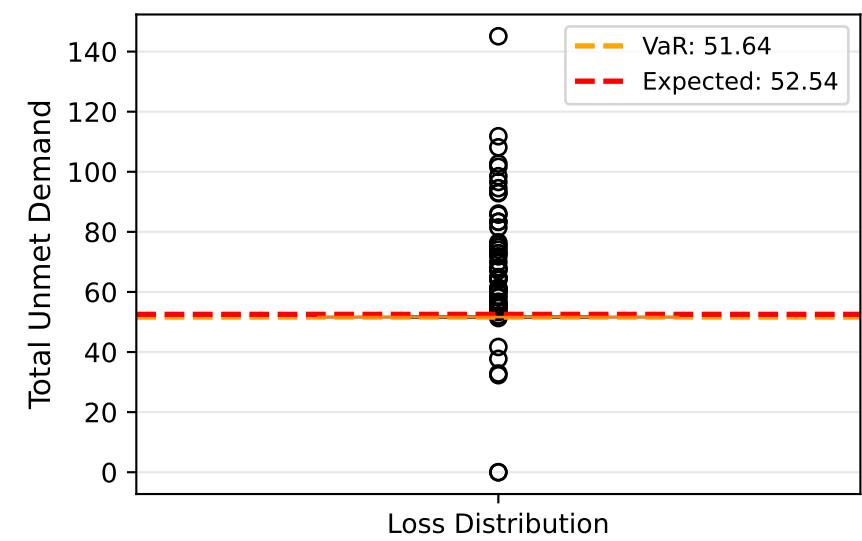
**Cumulative Distribution Function**



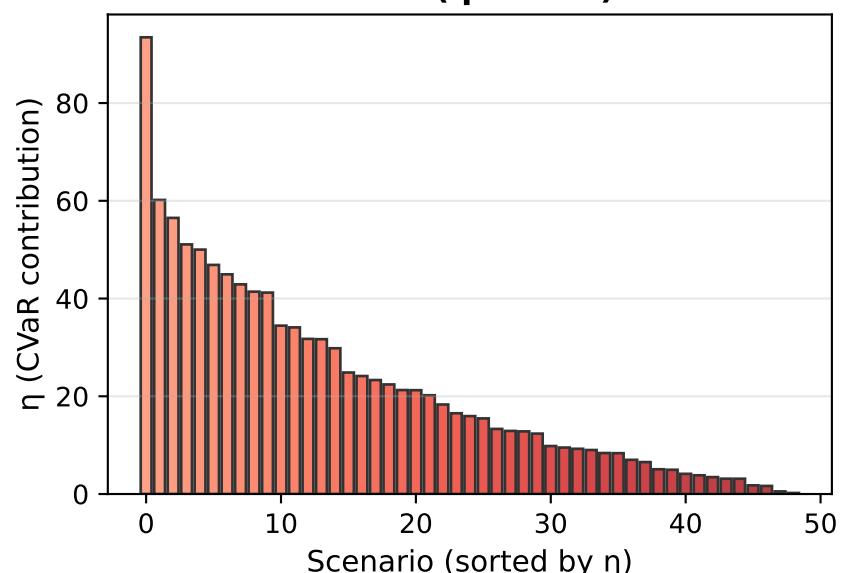
**Sorted Scenario Losses**



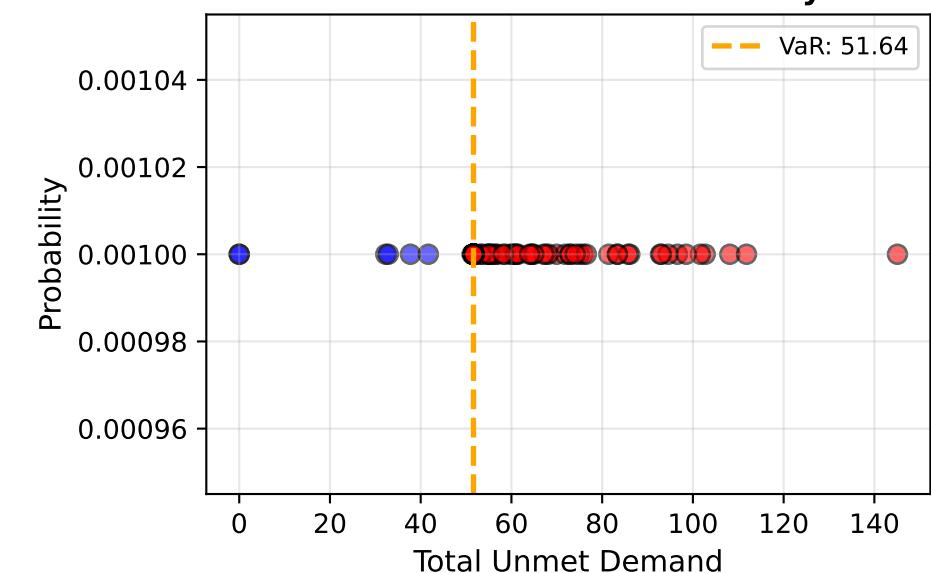
**Distribution Box Plot**



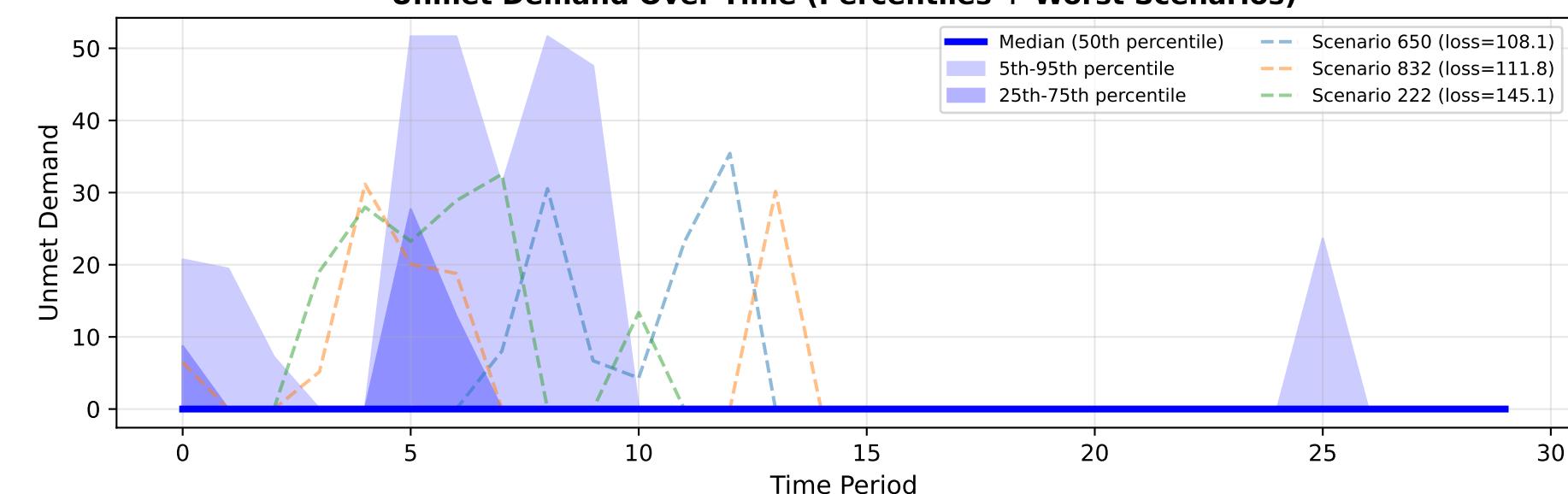
**CVaR Contributions ( $\eta > 0.01$ ): 49 scenarios**



**Scenario Loss vs Probability**



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



**MODEL SUMMARY**  
 $\beta=1.0$ ,  $\alpha=0.95$   
=====

Objective: 72.9469

Expected Loss: 52.5398  
Var (z): 51.6401  
CVaR: 72.9469

Scenario Stats:  
Min: 0.00  
25%: 51.64  
50%: 51.64  
75%: 51.64  
Max: 145.09  
Std: 6.85

CVaR tail: 49 scenarios  
Non-zero  $\eta$ : 49

Objective Breakdown:  
 $(1-\beta) \times E[L] = 0.0000$   
 $\beta \times CVaR = 72.9469$