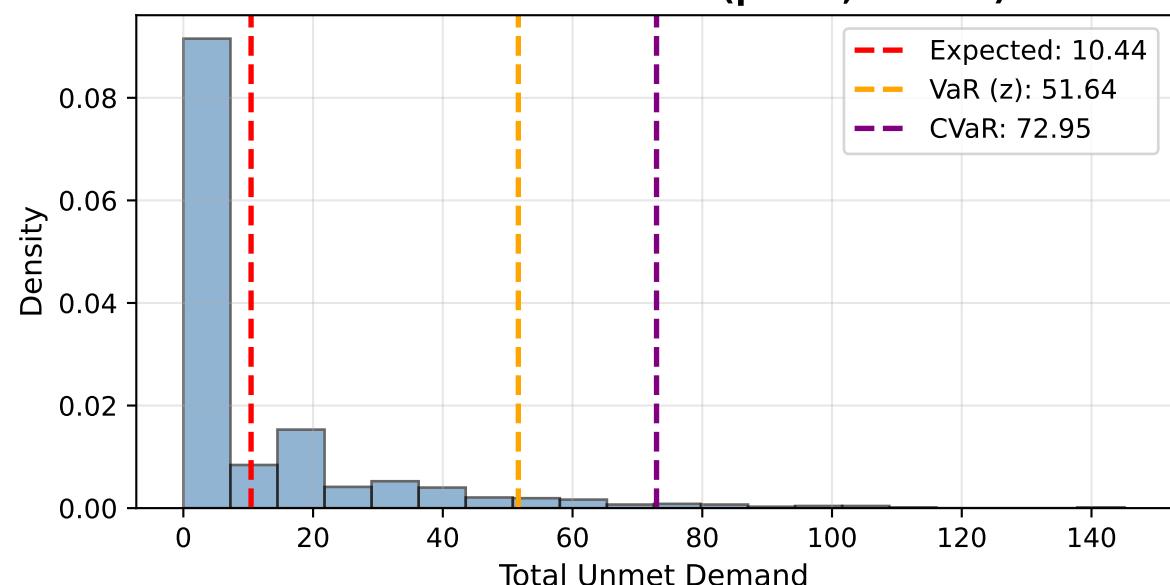
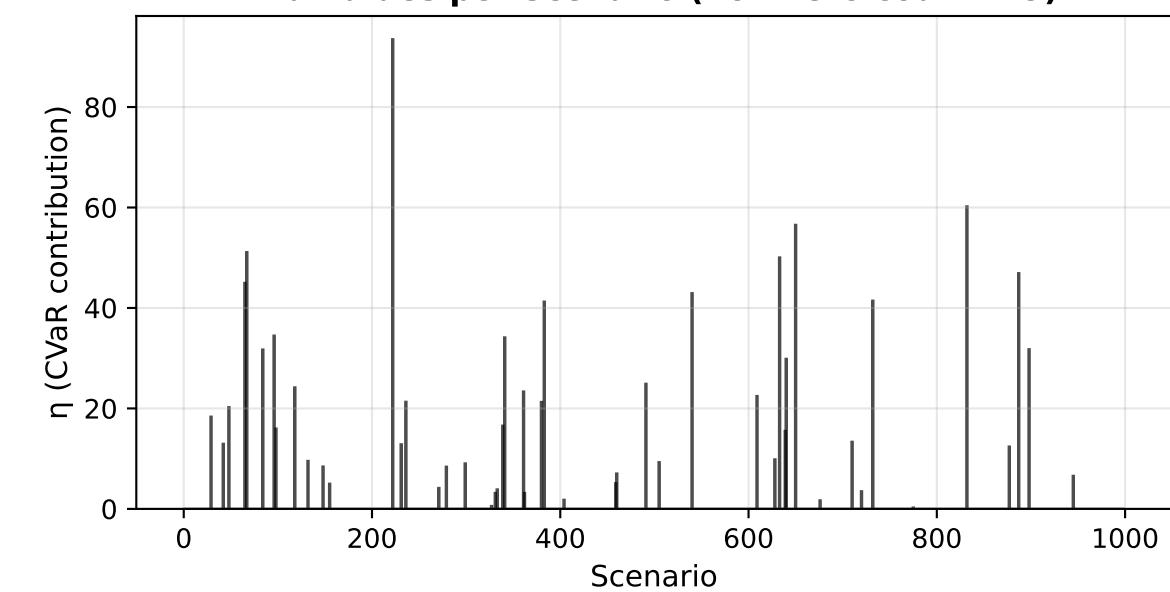


# CVaR Model Analysis ( $\beta=0.5$ , $\alpha=0.95$ )

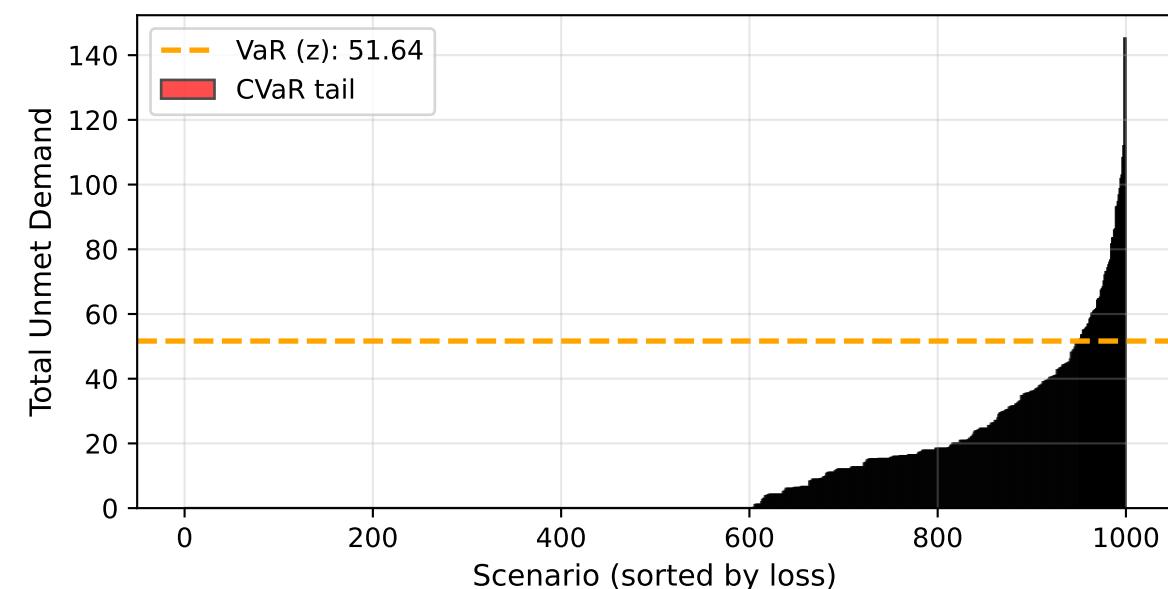
**PDF of Unmet Demand ( $\beta=0.5$ ,  $\alpha=0.95$ )**



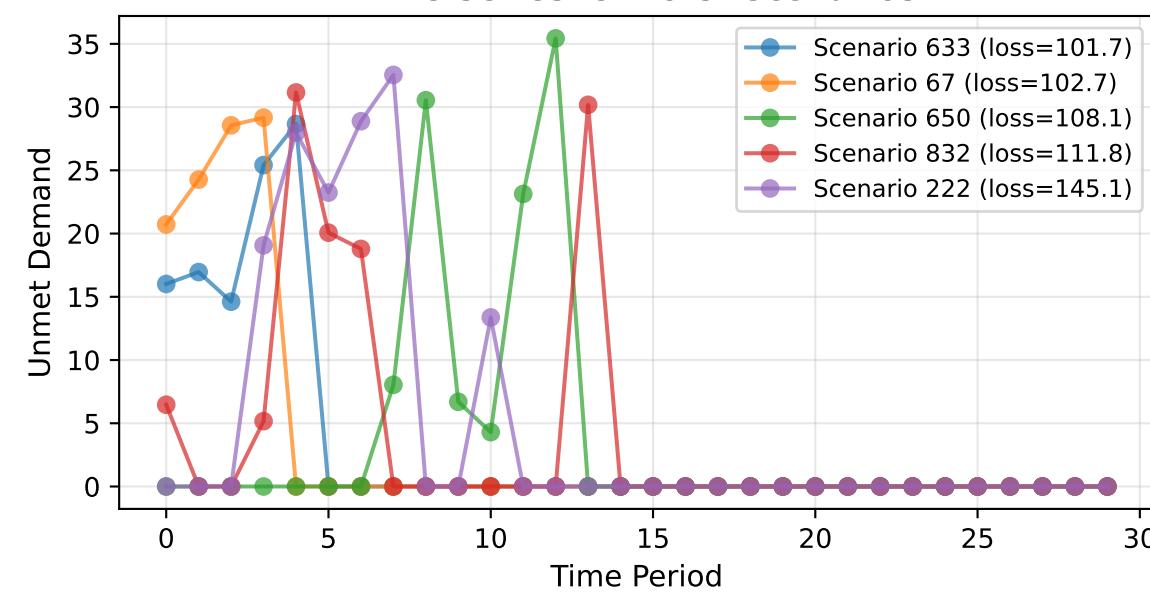
**Eta Values per Scenario (non-zero count: 49)**



**Sorted Scenario Losses**



**Time Series: 5 Worst Scenarios**



**MODEL SUMMARY ( $\beta=0.5$ ,  $\alpha=0.95$ )**

Objective Value: 41.6924

Expected Unmet Demand: 10.4380

VaR (z): 51.6401

CVaR: 72.9469

Scenario Statistics:

- Min loss: 0.0000
- Max loss: 145.0920
- Std dev: 19.0063
- Scenarios in CVaR tail (loss > z): 49
- Non-zero eta values: 49

Objective Breakdown:

- $(1-\beta) \times \text{Expected Loss} = 5.2190$
- $\beta \times \text{CVaR} = 36.4734$