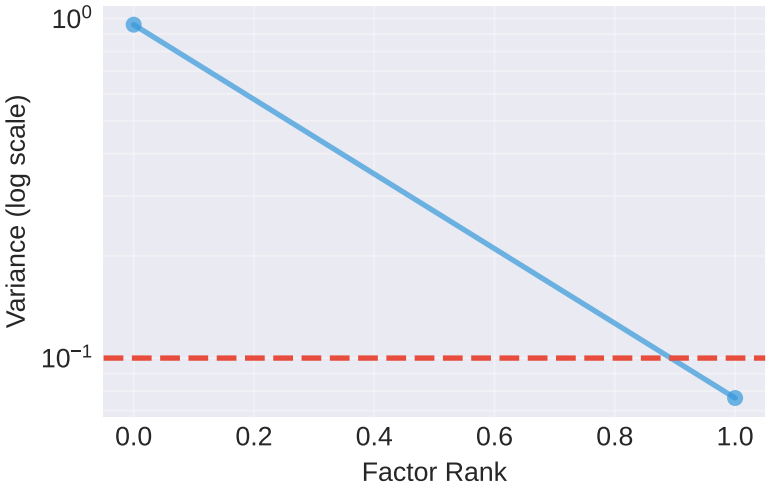


Factor Variance Analysis: ARD Shrinkage Assessment (K=2)

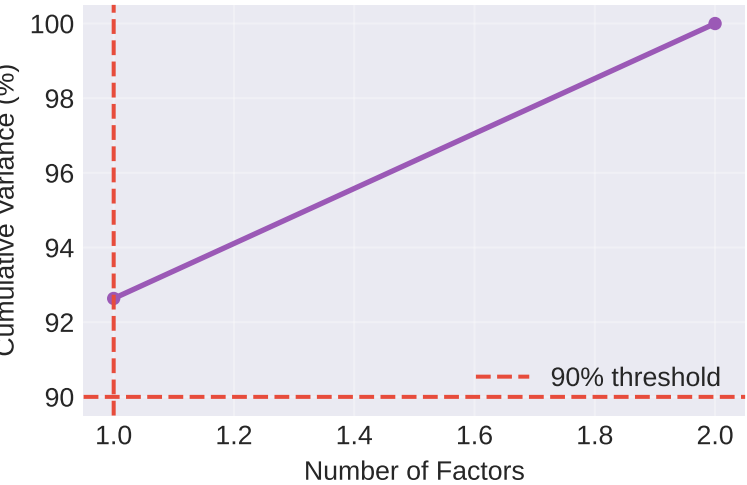
Factor Variance Profile (K=2): 1 Active Factors  
(Error bars: 95% credible intervals)



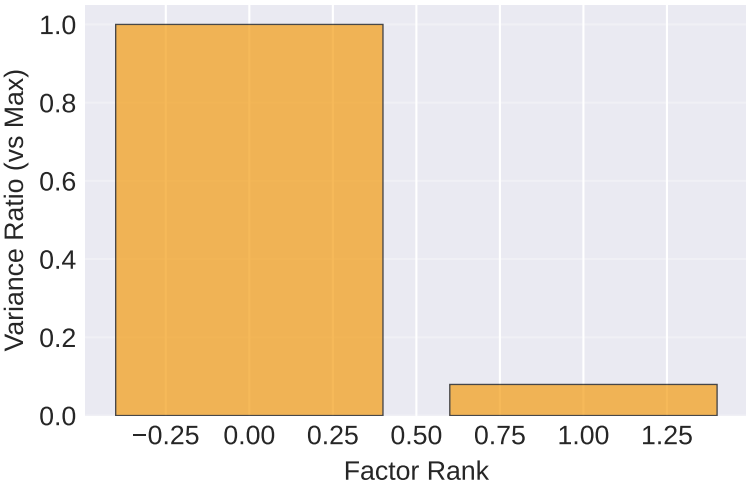
Log-Scale Variance  
(Sharp drop = good ARD)



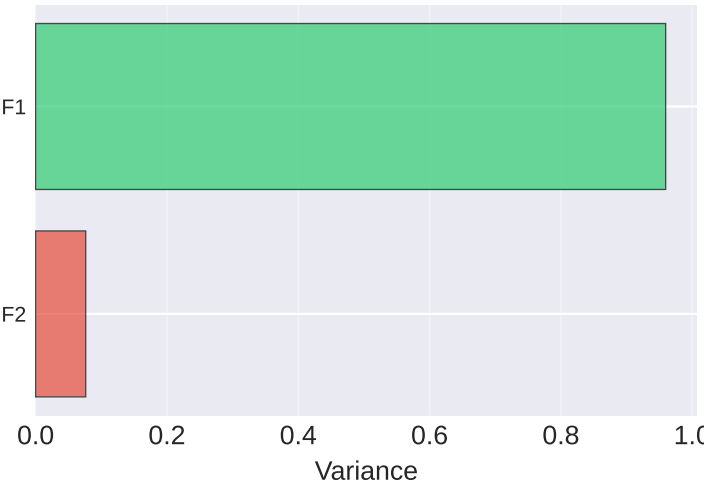
Cumulative Variance  
(90% @ 1 factors)



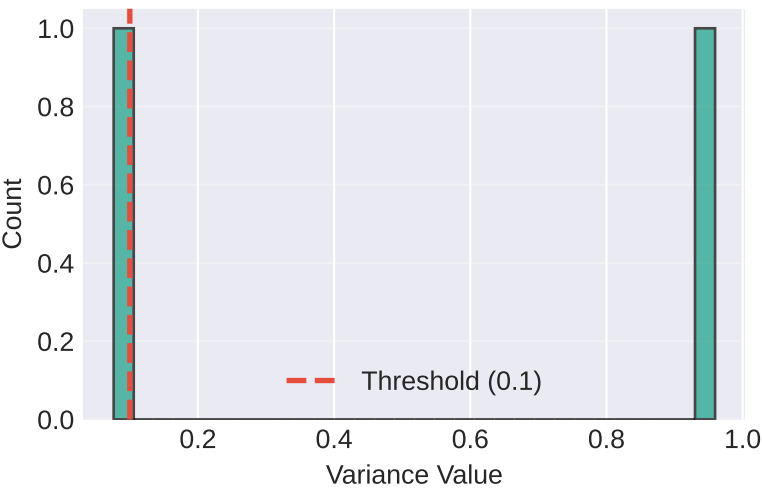
Normalized Variance Profile



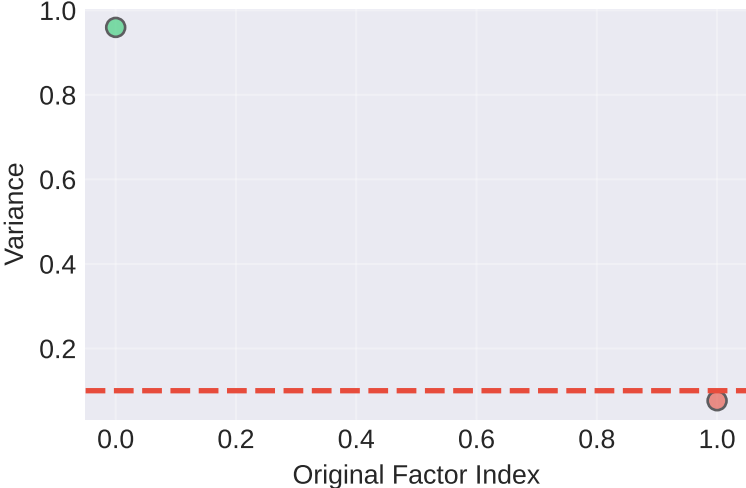
Top 2 Factors



Distribution of Factor Variances



Variance by Original Factor Order



VARIANCE PROFILE SUMMARY

Total Factors (K): 2  
Active Factors: 1  
Effective Dim (90%): 1

Max Variance: 0.9595  
Mean Variance: 0.5179  
Median Variance: 0.5179

Top 2 Variances:  
#1: 0.9595  
#2: 0.0763

ARD Shrinkage: N/A (K < 10)  
Shrinkage Ratio: nan

INTERPRETATION:

Poor shrinkage suggests:

- Convergence issues
- Overfitting
- Need longer sampling