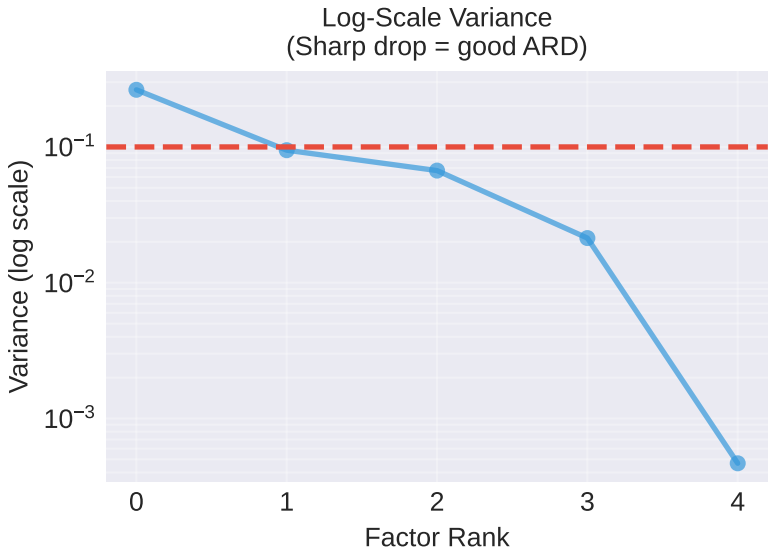
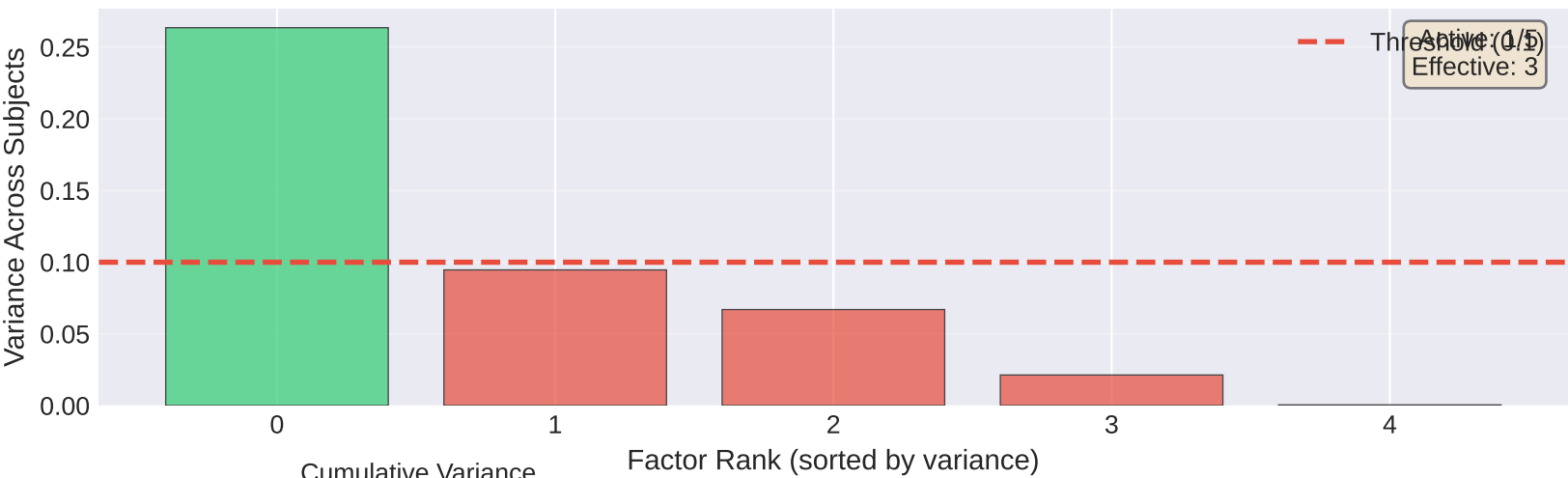
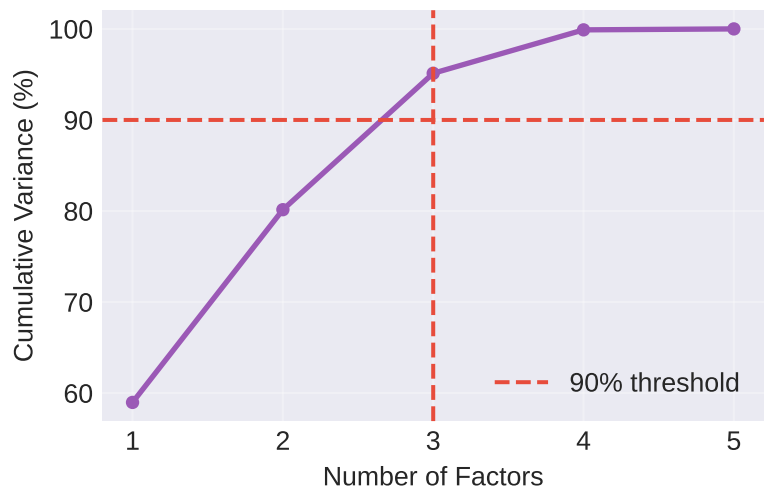


Factor Variance Analysis: ARD Shrinkage Assessment (K=5)

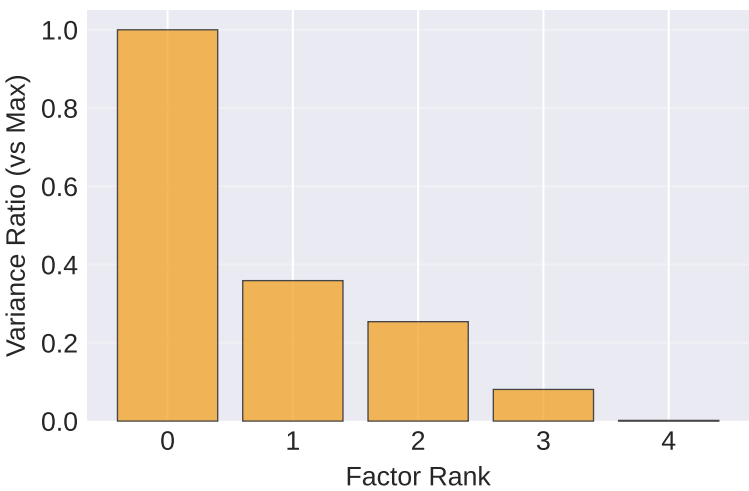
Factor Variance Profile (K=5): 1 Active Factors



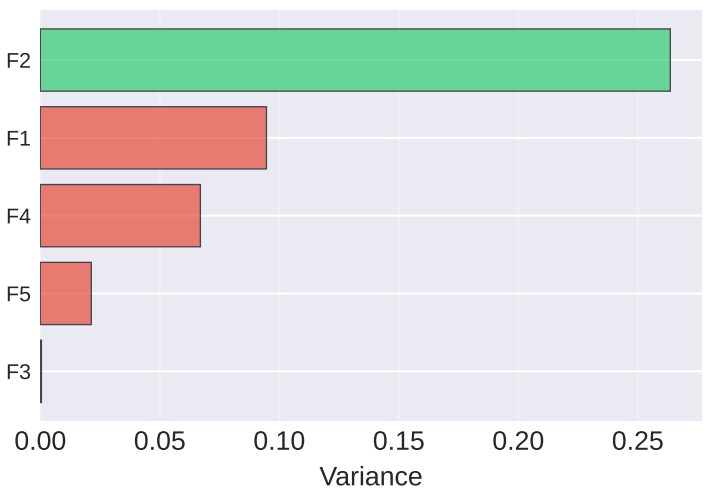
Cumulative Variance (90% @ 3 factors)



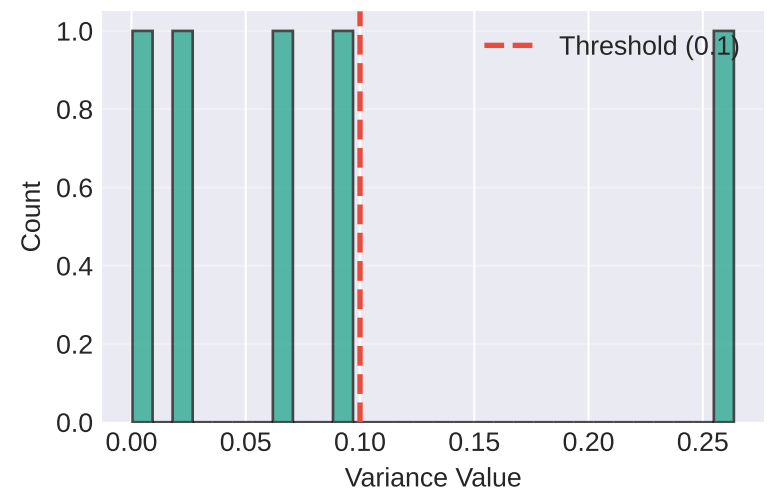
Normalized Variance Profile



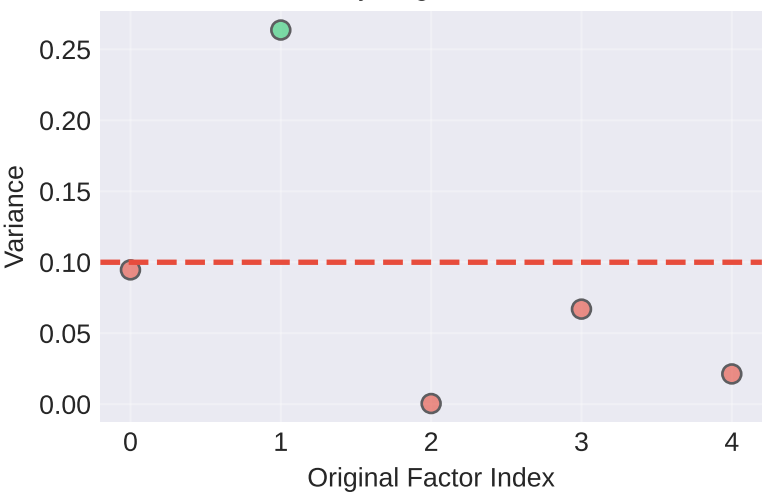
Top 5 Factors



Distribution of Factor Variances



Variance by Original Factor Order



VARIANCE PROFILE SUMMARY

Total Factors (K): 5  
Active Factors: 1  
Effective Dim (90%): 3

Max Variance: 0.2636  
Mean Variance: 0.0894  
Median Variance: 0.0670

Top 3 Variances:  
#2: 0.2636  
#1: 0.0946  
#4: 0.0670

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

INTERPRETATION:

Poor shrinkage suggests:

- Convergence issues
- Overfitting
- Need longer sampling