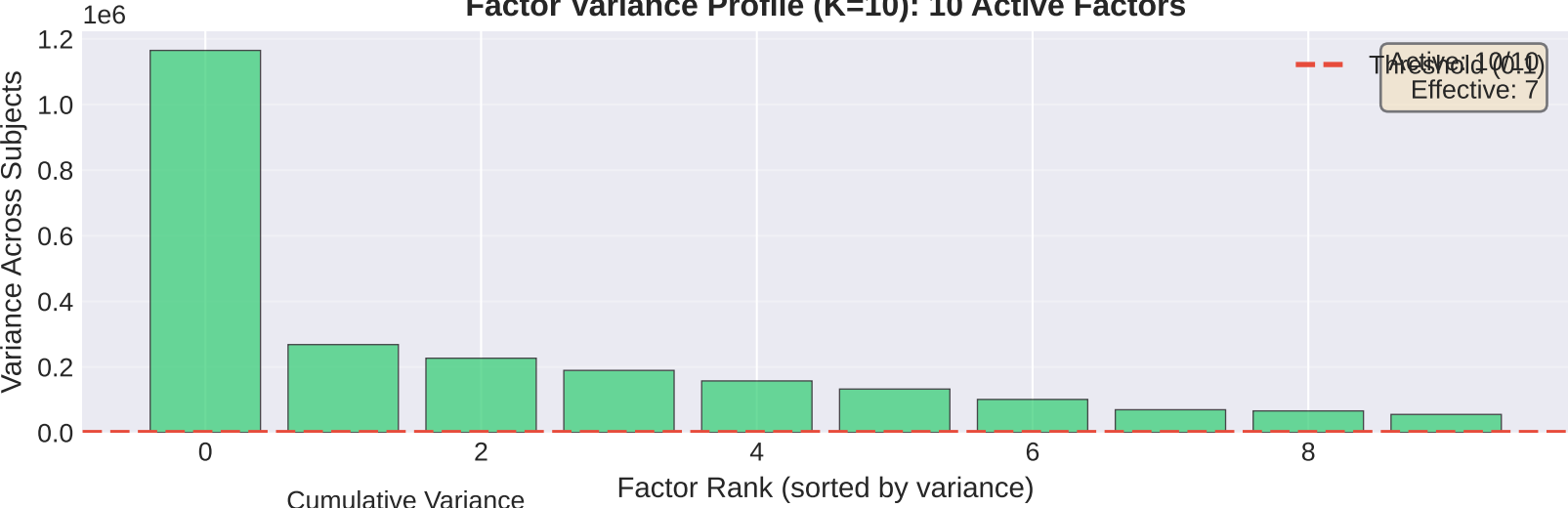
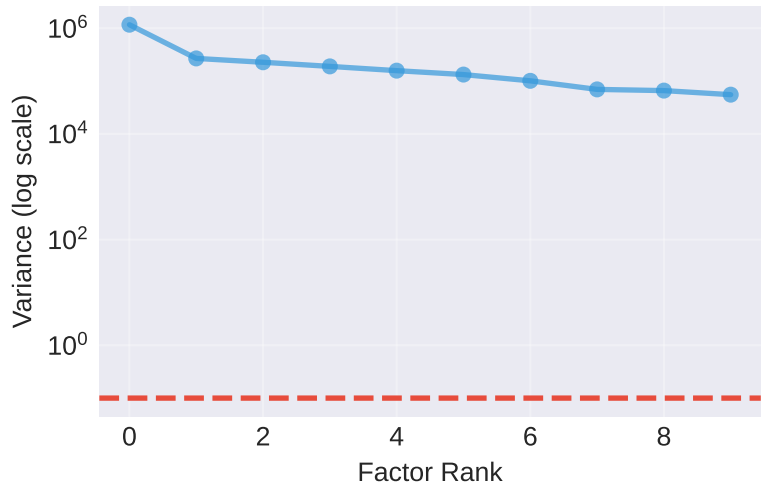


Factor Variance Analysis: ARD Shrinkage Assessment (K=10)

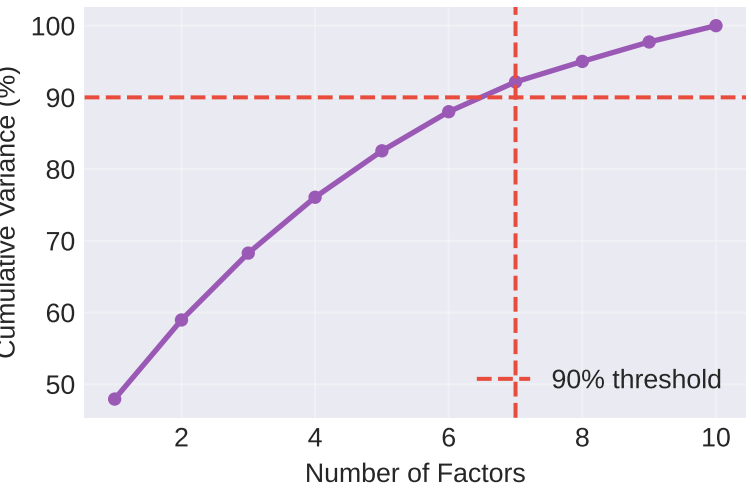
Factor Variance Profile (K=10): 10 Active Factors



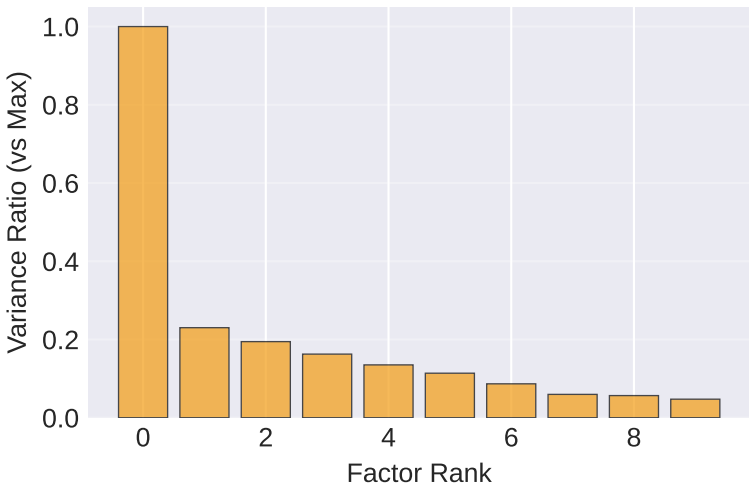
Log-Scale Variance
(Sharp drop = good ARD)



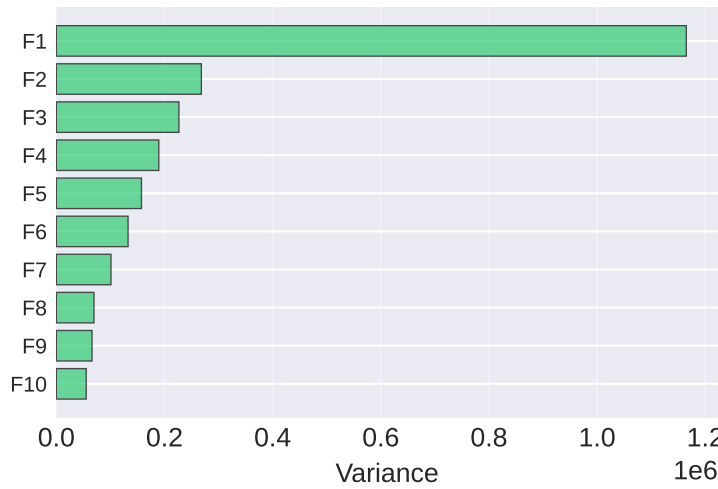
Cumulative Variance
(90% @ 7 factors)



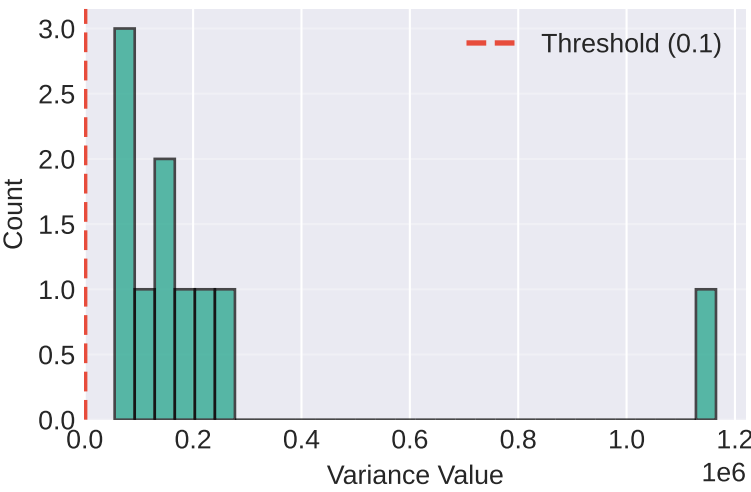
Normalized Variance Profile



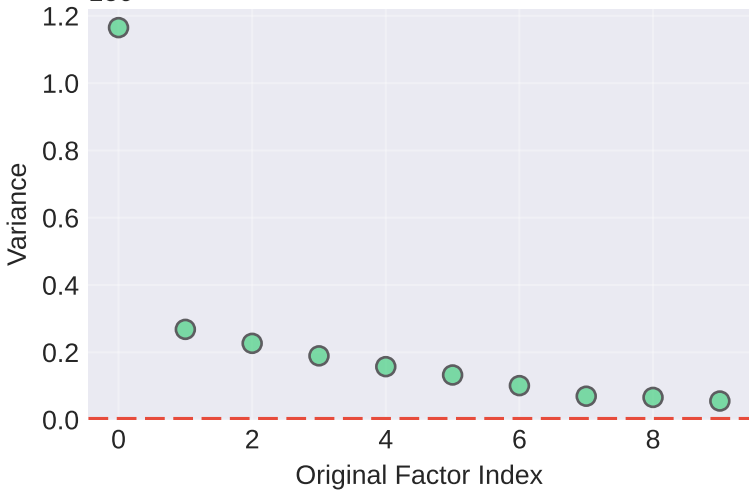
Top 10 Factors



Distribution of Factor Variances



Variance by Original Factor Order



VARIANCE PROFILE SUMMARY

=====

Total Factors (K): 10

Active Factors: 10

Effective Dim (90%): 7

Max Variance: 1164945.8750

Mean Variance: 243099.6512

Median Variance: 145000.1328

Top 3 Variances:

#1: 1164945.8750

#2: 268170.7812

#3: 226667.2188

ARD Shrinkage: MODERATE ▴▢

Shrinkage Ratio: 4.73

INTERPRETATION:

Moderate shrinkage.

Model somewhat uncertain.

Check convergence.