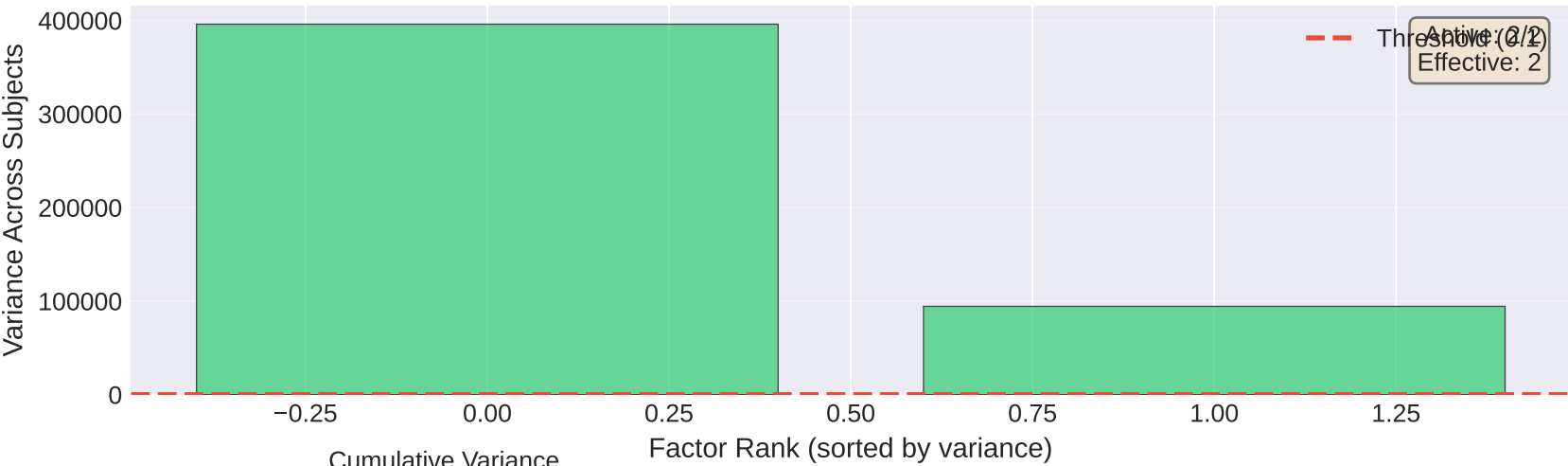
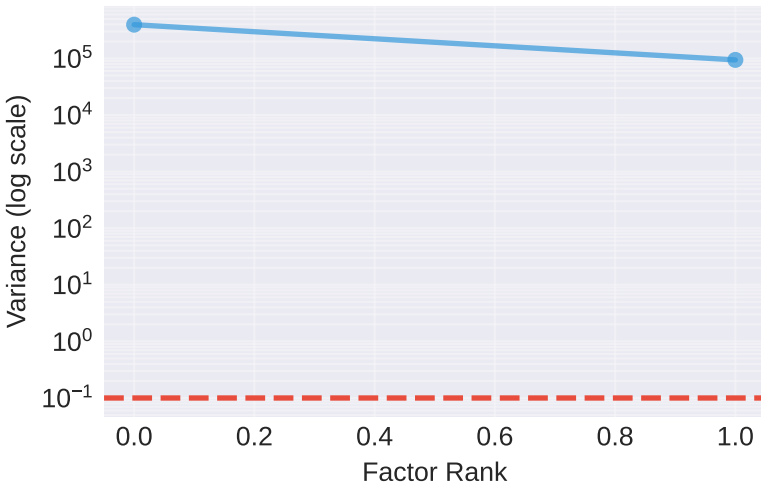


Factor Variance Analysis: ARD Shrinkage Assessment (K=2)

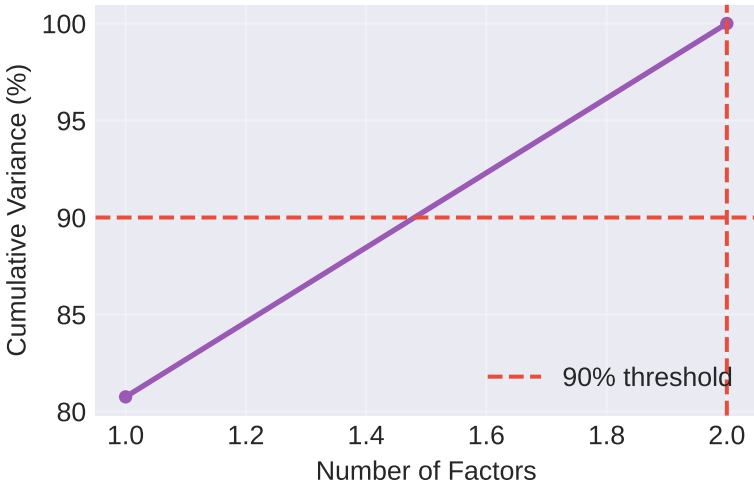
Factor Variance Profile (K=2): 2 Active Factors



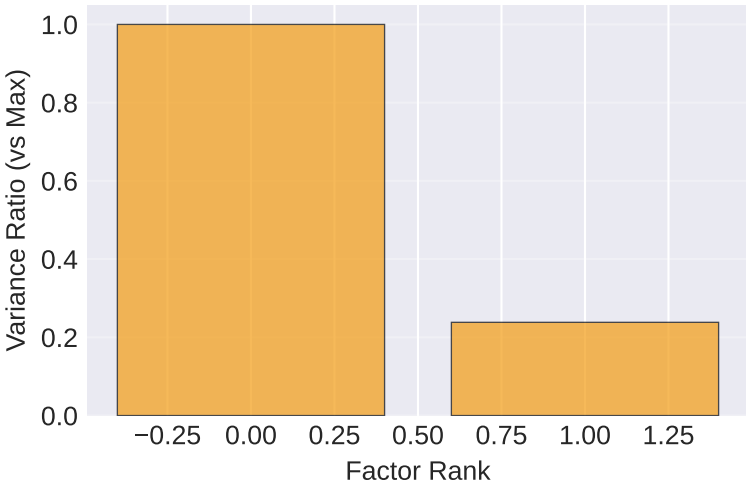
Log-Scale Variance  
(Sharp drop = good ARD)



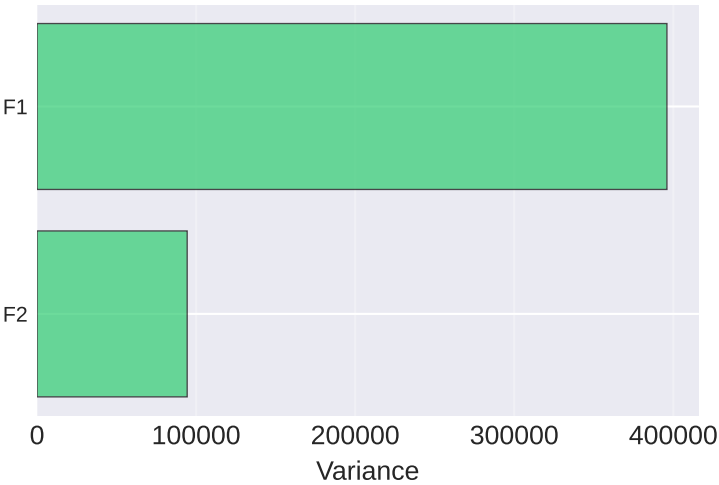
Cumulative Variance  
(90% @ 2 factors)



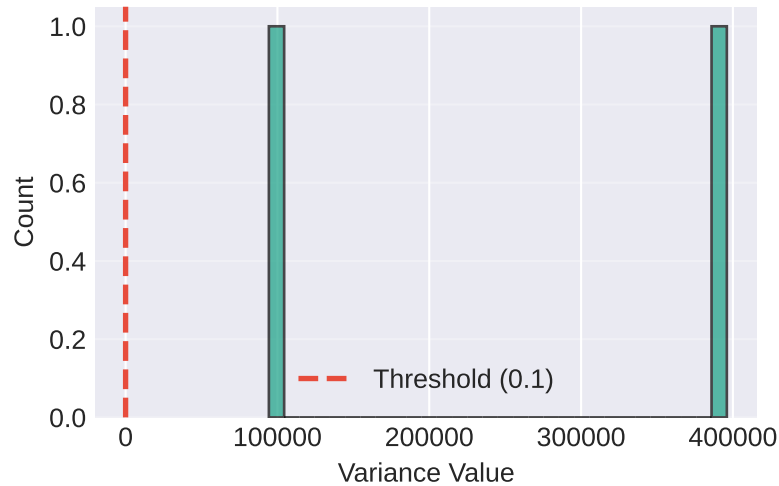
Normalized Variance Profile



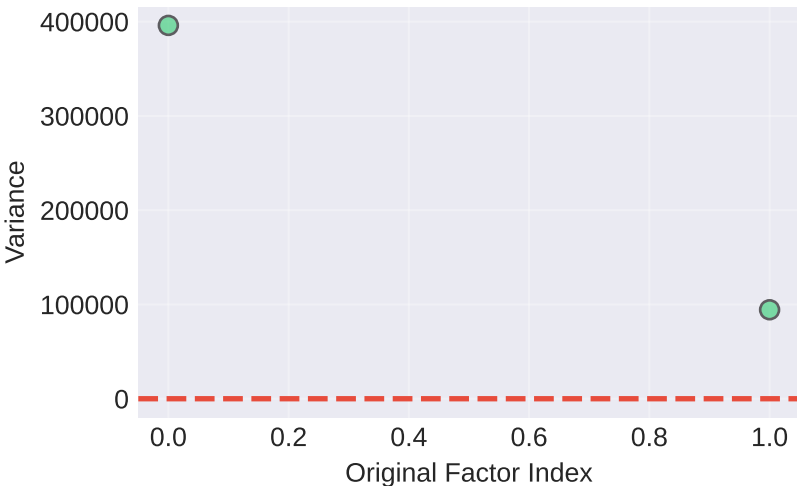
Top 2 Factors



Distribution of Factor Variances



Variance by Original Factor Order



VARIANCE PROFILE SUMMARY

Total Factors (K):	2
Active Factors:	2
Effective Dim (90%):	2
Max Variance:	395997.4375
Mean Variance:	245184.4180
Median Variance:	245184.4180
Top 2 Variances:	
#1:	395997.4375
#2:	94371.3984
ARD Shrinkage:	N/A (K < 10)
Shrinkage Ratio:	nan

INTERPRETATION:

Poor shrinkage suggests:

- Convergence issues
- Overfitting
- Need longer sampling