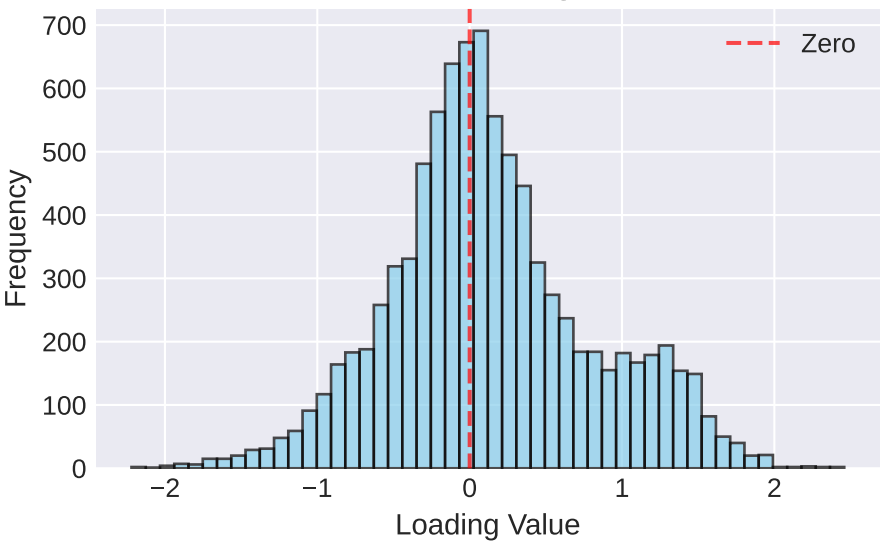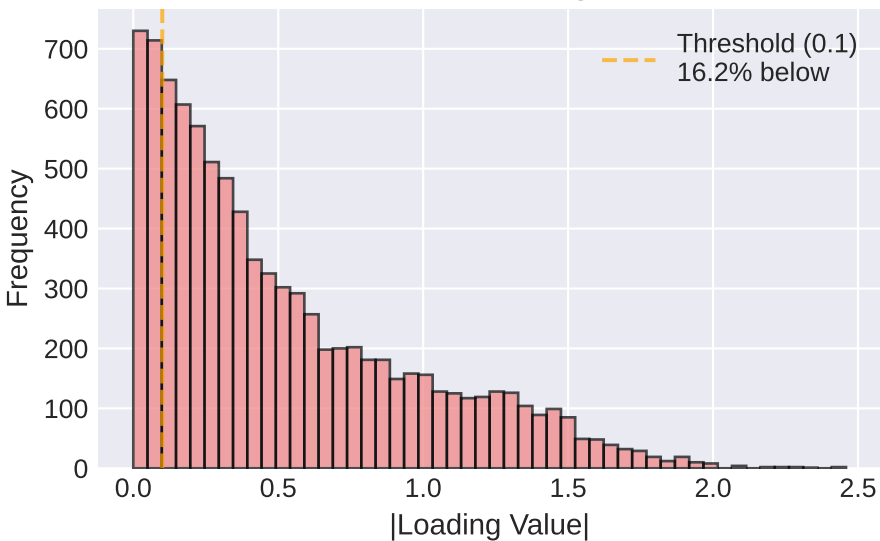# Enhanced Factor Loading Analysis
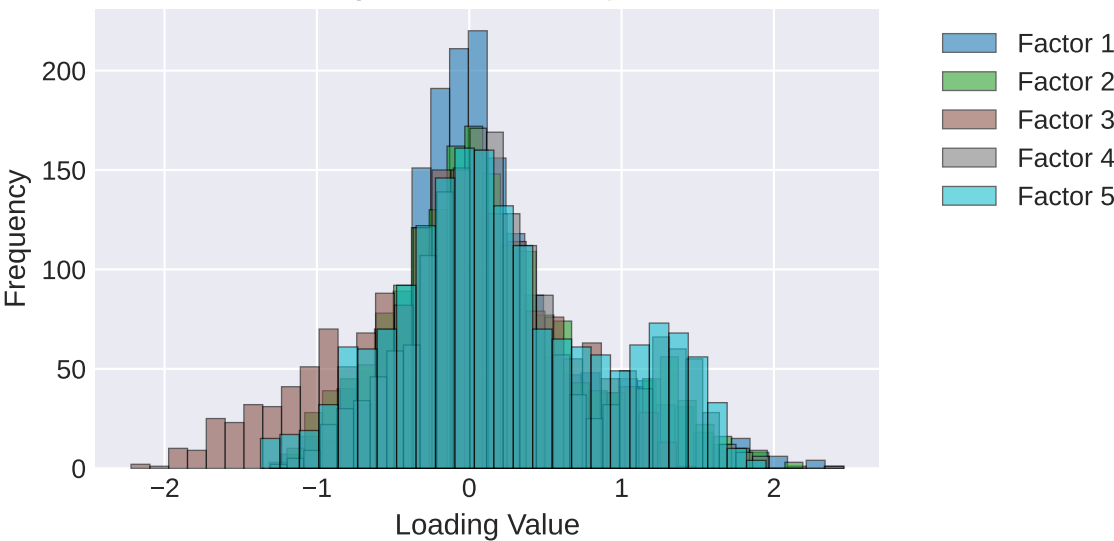
Overall Factor Loading Distribution
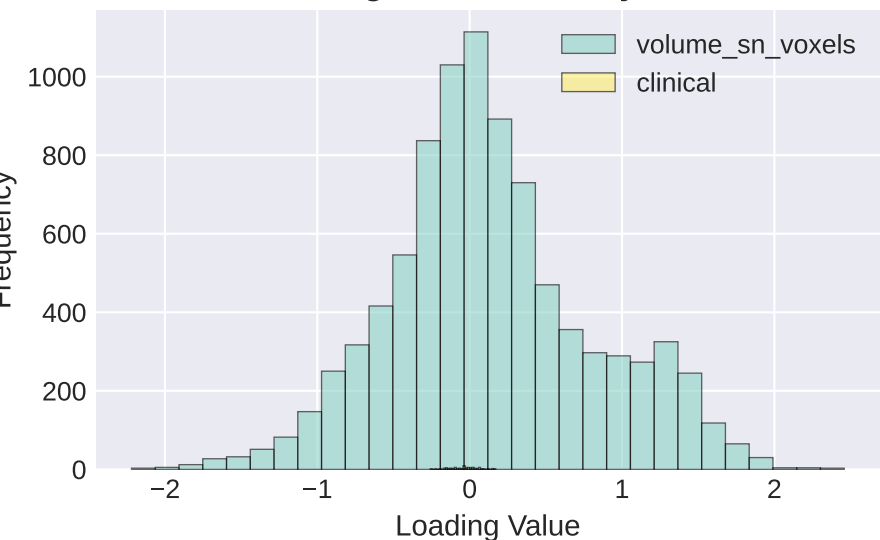
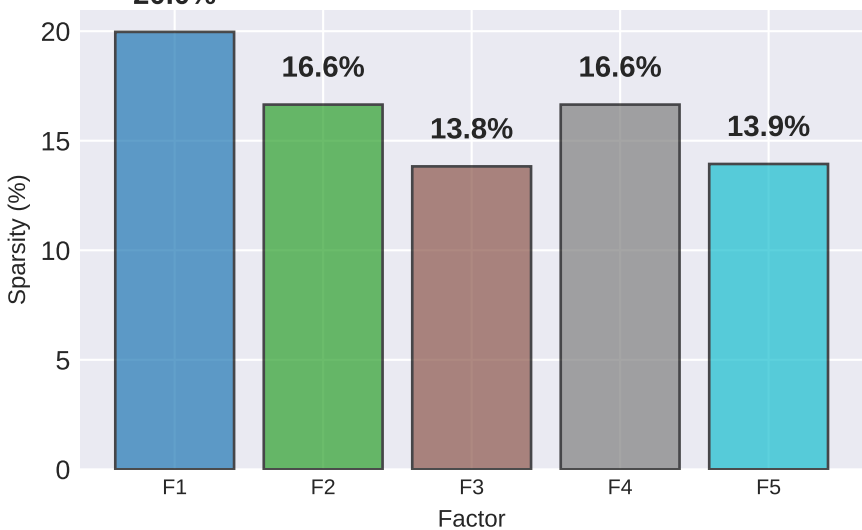## Absolute Factor Loading Distribution

Loading Distribution by Factor

Loading Distribution by View

Sparsity by Factor (% < 0.1)

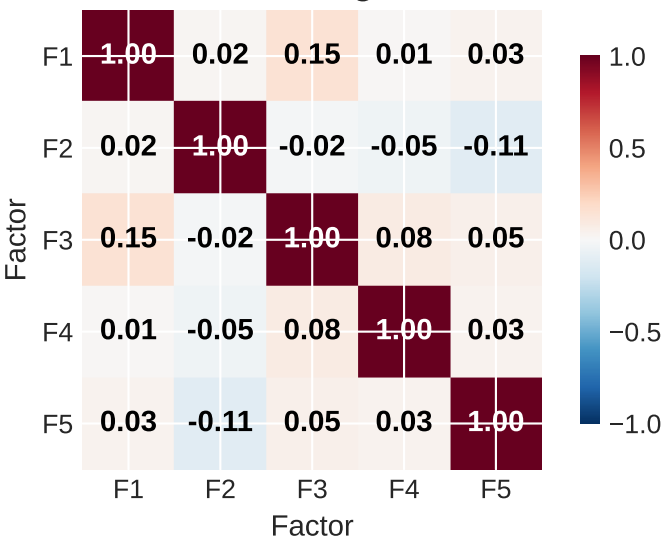| Factor	Sparsity
F1	20.0%
F2	16.6%
F3	13.8%
F4	16.6%
F5	13.9%

Maximum |Loading| by Factor

Factor	Max |Loading|
F1	2.459
F2	2.189
F3	2.220
F4	1.969
F5	2.458
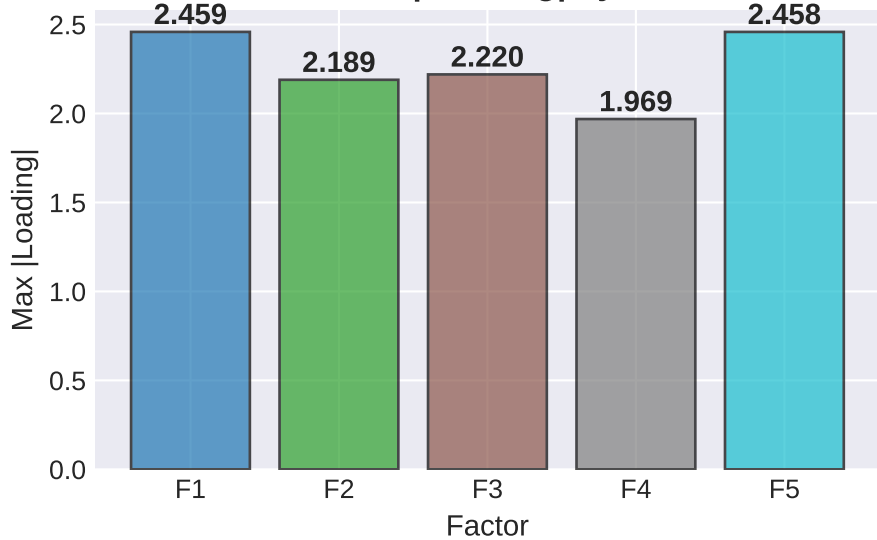
Loading Variance by View
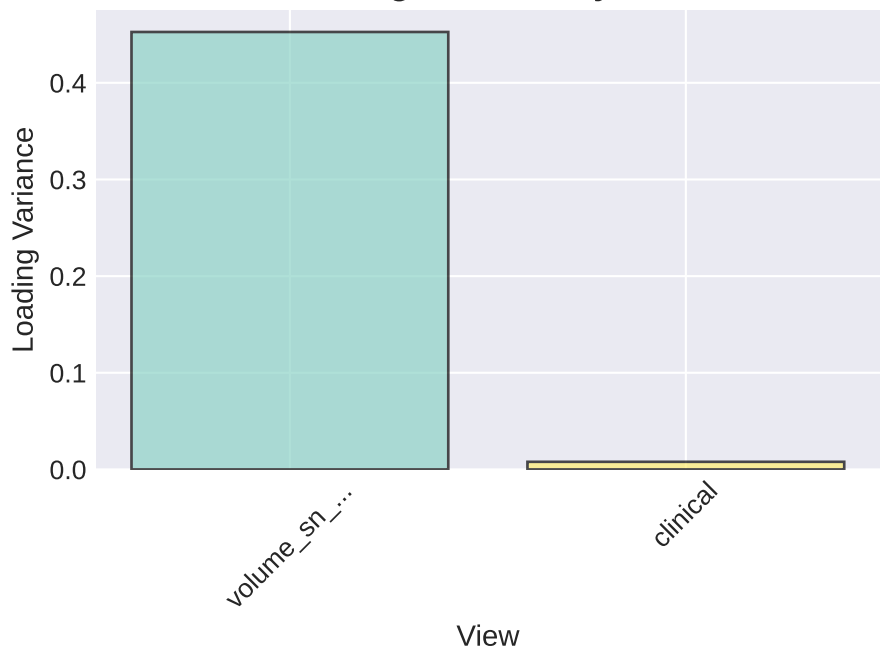
Inter-Factor Loading Correlations

	F1	F2	F3	F4	F5
F1	1.00	0.02	0.15	0.01	0.03
F2	0.02	1.00	-0.02	-0.05	-0.11
F3	0.15	-0.02	1.00	0.08	0.05
F4	0.01	-0.05	0.08	1.00	0.03
F5	0.03	-0.11	0.05	0.03	1.00

Statistic	Value
Mean |Loading|	0.5168
Std |Loading|	0.4477
Max |Loading|	2.4586
Min |Loading|	0.0000
Overall Sparsity	16.2%
# Factors	5
# Features	1808
# Views	2