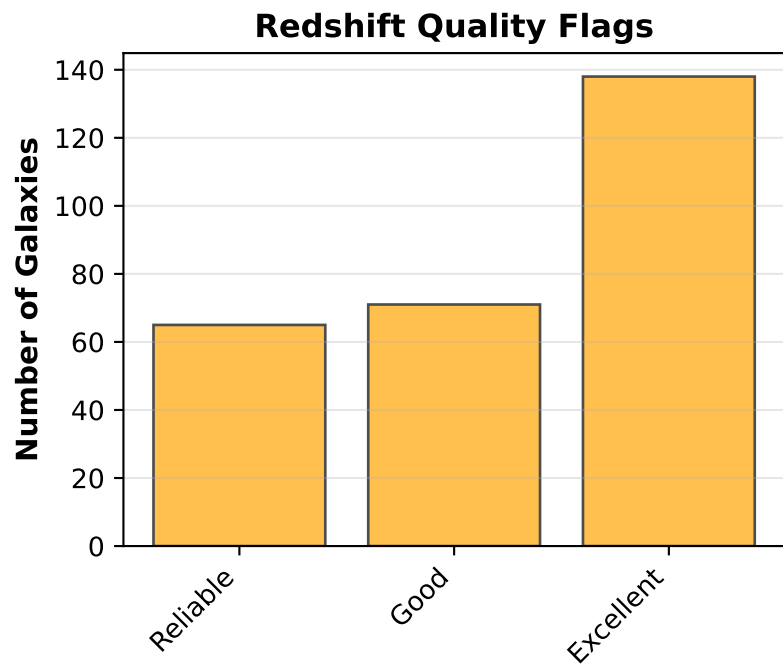
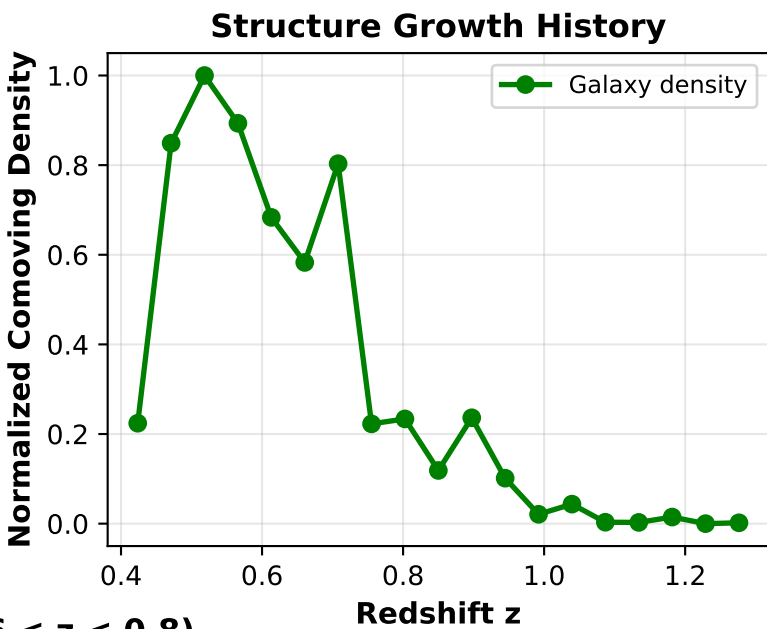
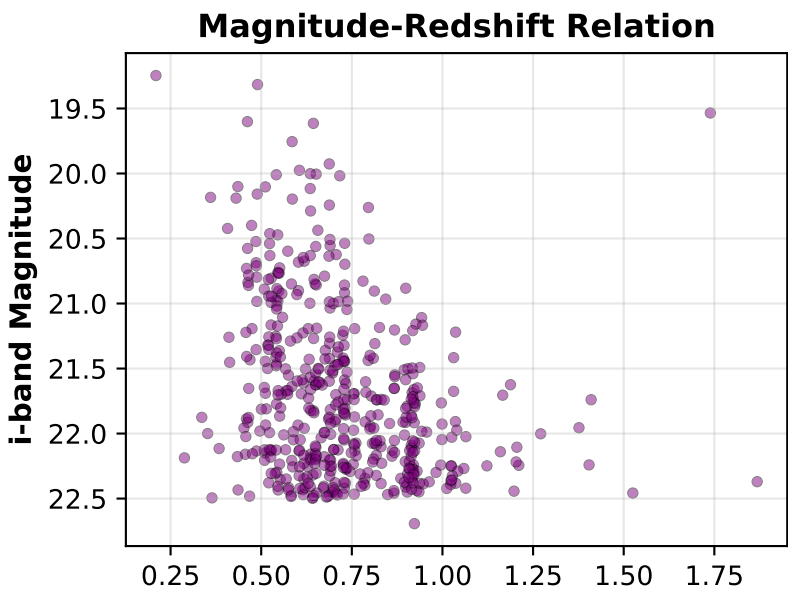
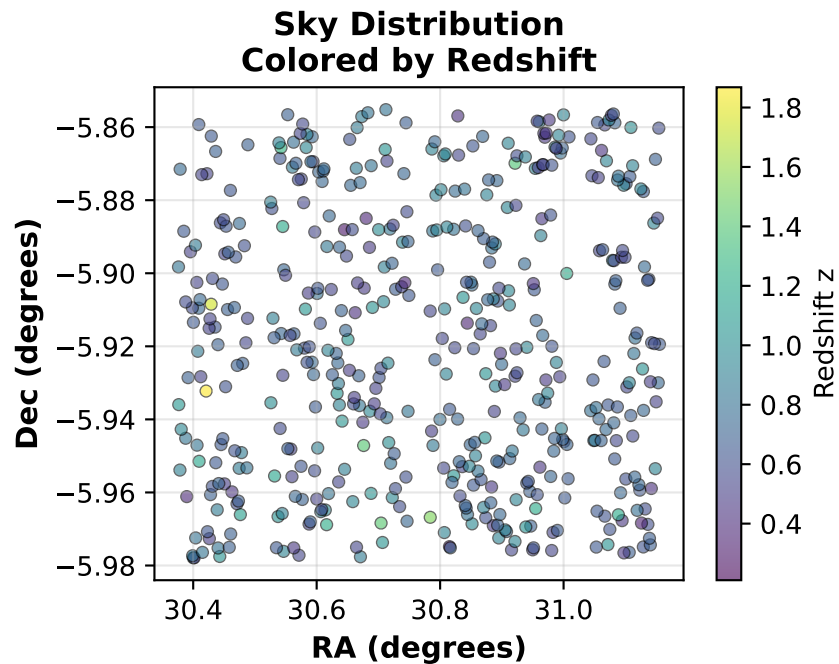
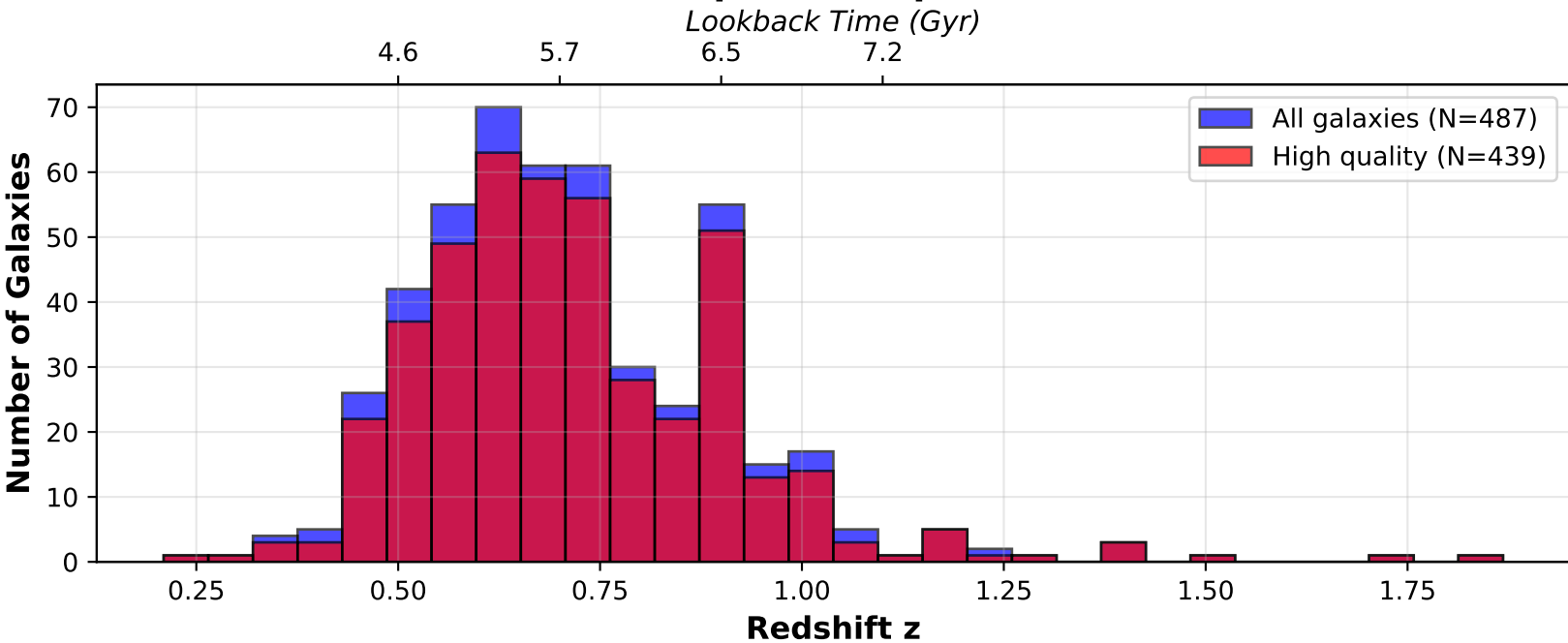
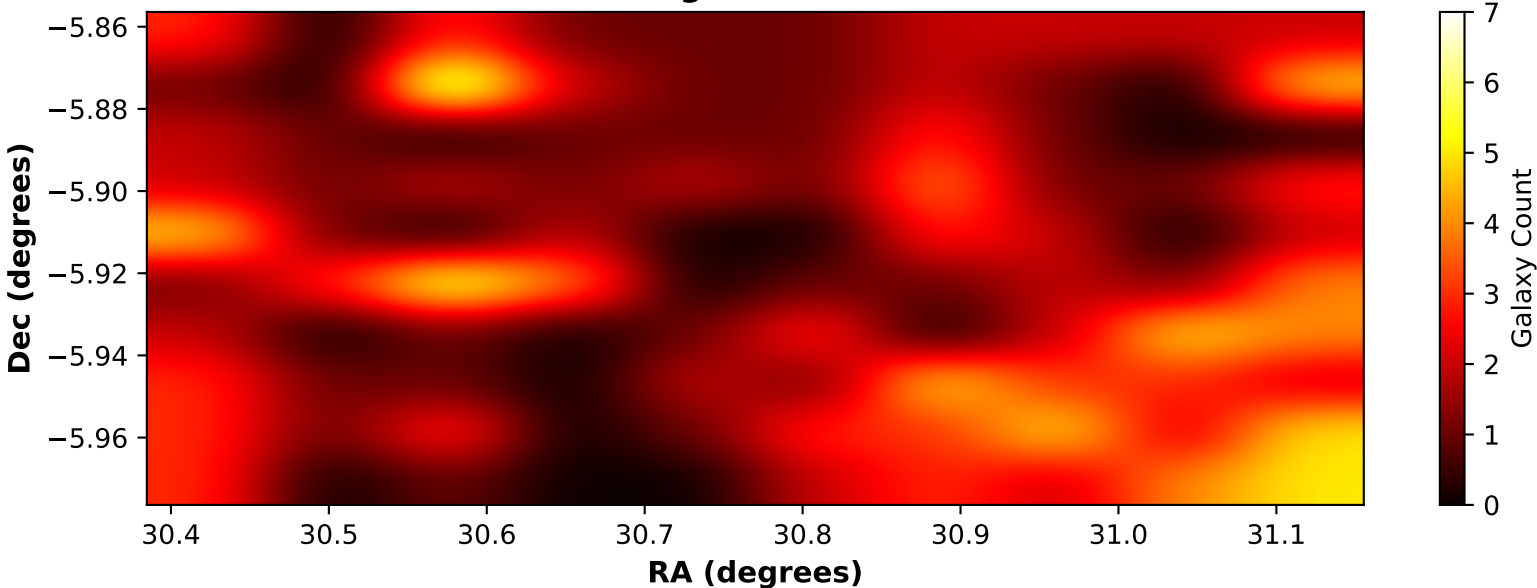


FirstDistinction vs VIPERS Galaxy Survey
K₄ Topology → d=3 Space → Large-Scale Structure
VIPERS Redshift Distribution
Real Spectroscopic Data



Galaxy Clustering Map (0.6 < z < 0.8)
Shows Large-Scale Structure



K₄ PREDICTIONS:

d = 3 spatial dimensions
(from Laplacian eigenspace)

Age τ = 13.726 Gyr
(from $N = 5 \times 4^{100}$)

VIPERS OBSERVATIONS:

Galaxies: 487
Redshift range: 0.21 - 1.87
Lookback time: 5-9 Gyr

MATCHES:

- ✓ 3D spatial structure
- ✓ Cosmic age consistent
- ✓ Structure formation at expected epochs

Data shows expansion in 3D space predicted from K₄ topology.