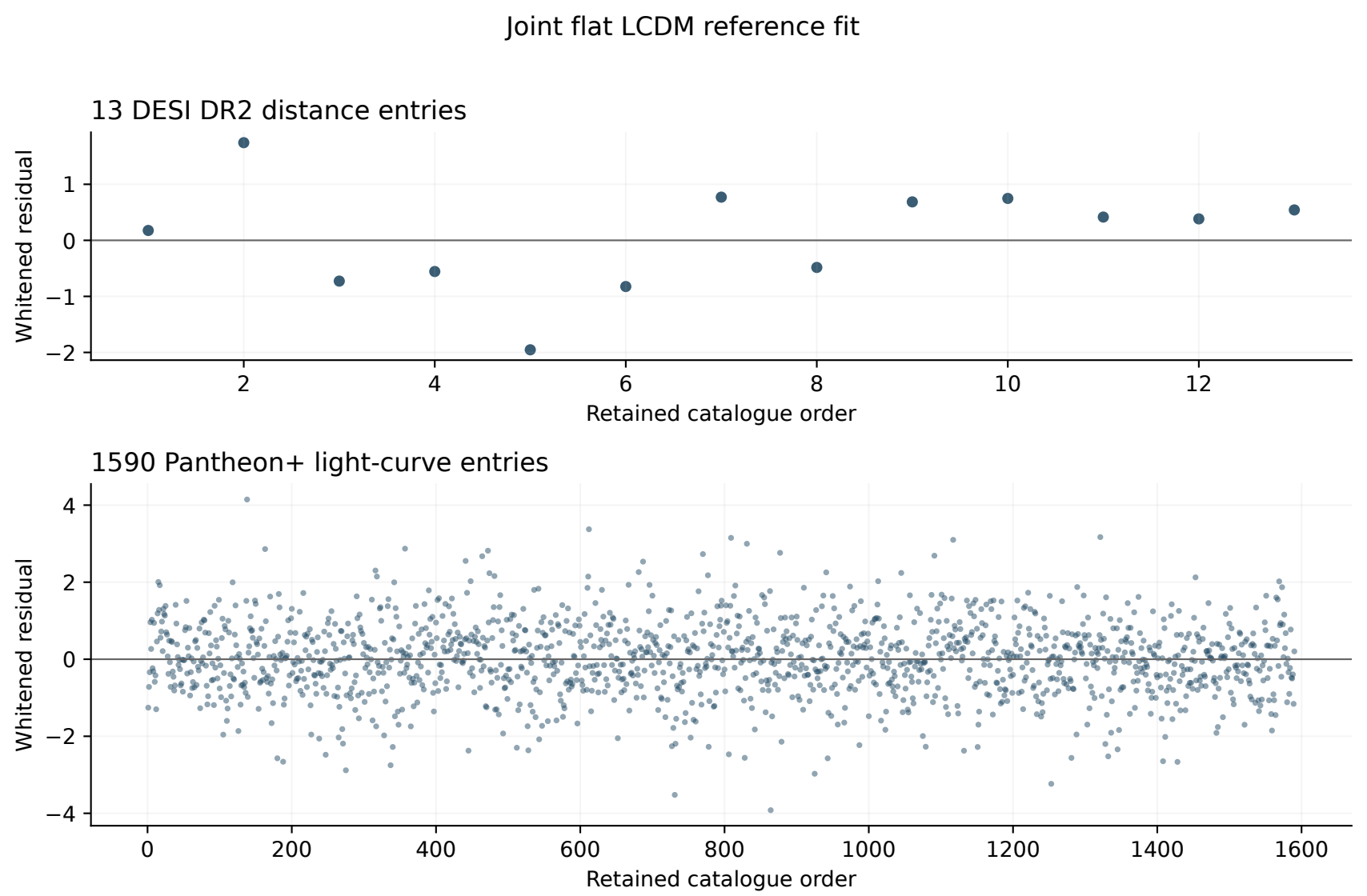

Residuals use the full Cholesky covariance and depend on catalogue ordering. They are not independent per-object errors.