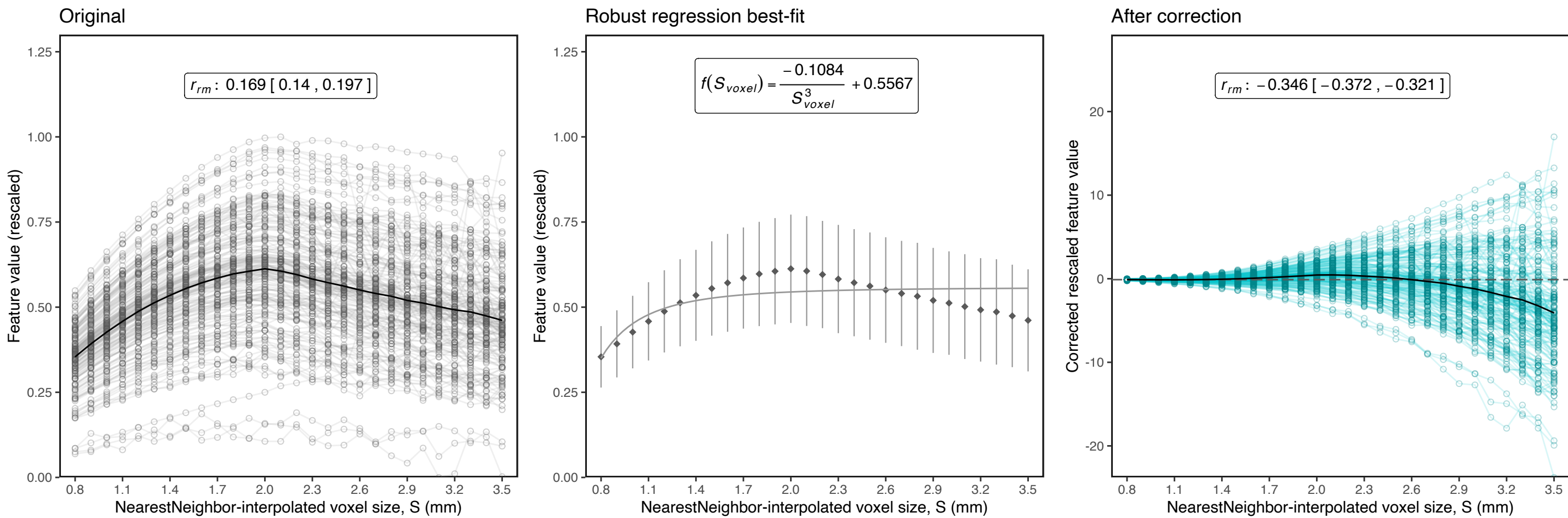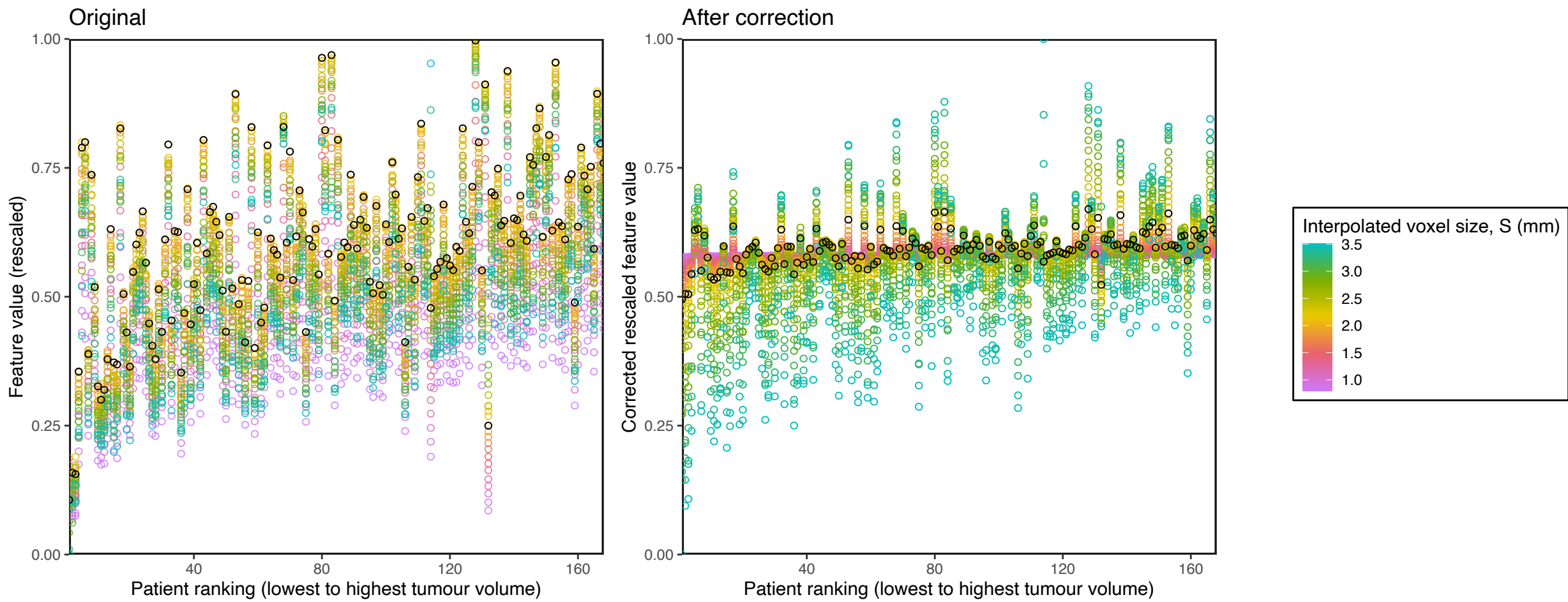# glcm InverseVariance

Robustness: Conditionally robust
Operational range: Present
Feature correctability: Correctable

Regression modelling to correct features

Original — r_{rm} : 0.169 [0.14 , 0.197]

Robust regression best-fit — $f(S_{voxel}) = \dfrac{-0.1084}{S_{voxel}^3} + 0.5567$

After correction — r_{rm} : -0.346 [-0.372 , -0.321]

Feature response to NearestNeighbor interpolation resampling width for each patient, before and after correction

Interpolated voxel size, S (mm)

Feature value dispersions per patient, before and after correction

Wilcoxon test : $p \leq 0.001$

13.99

9.08

Features
Corrected
Original