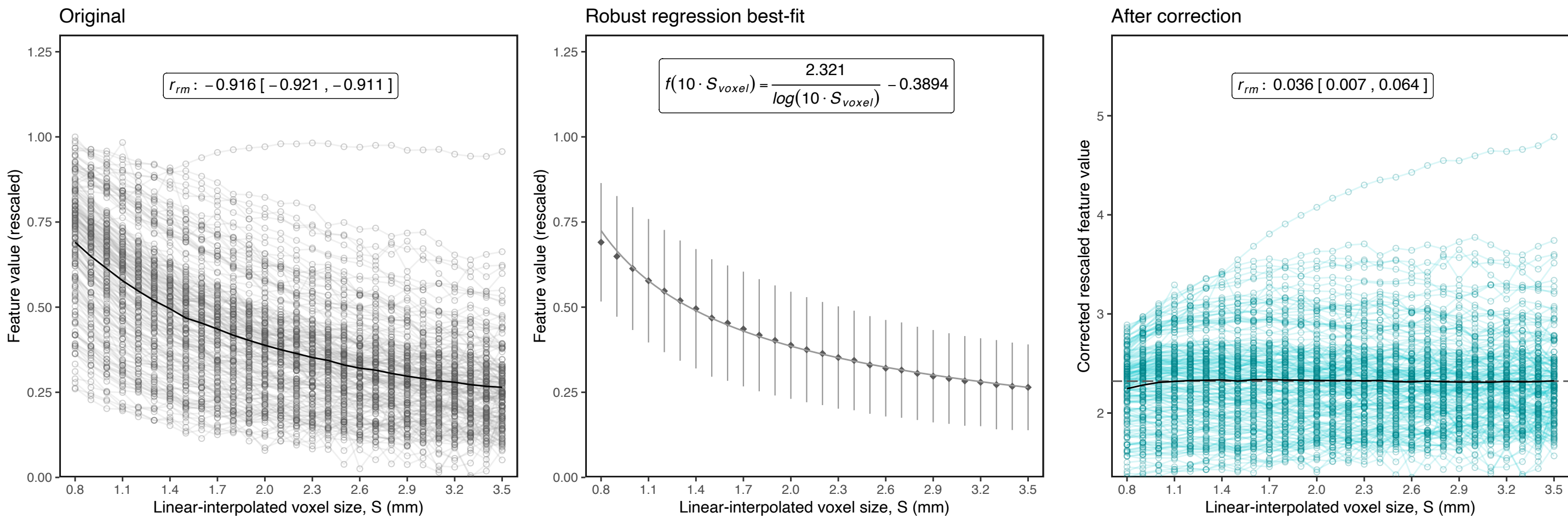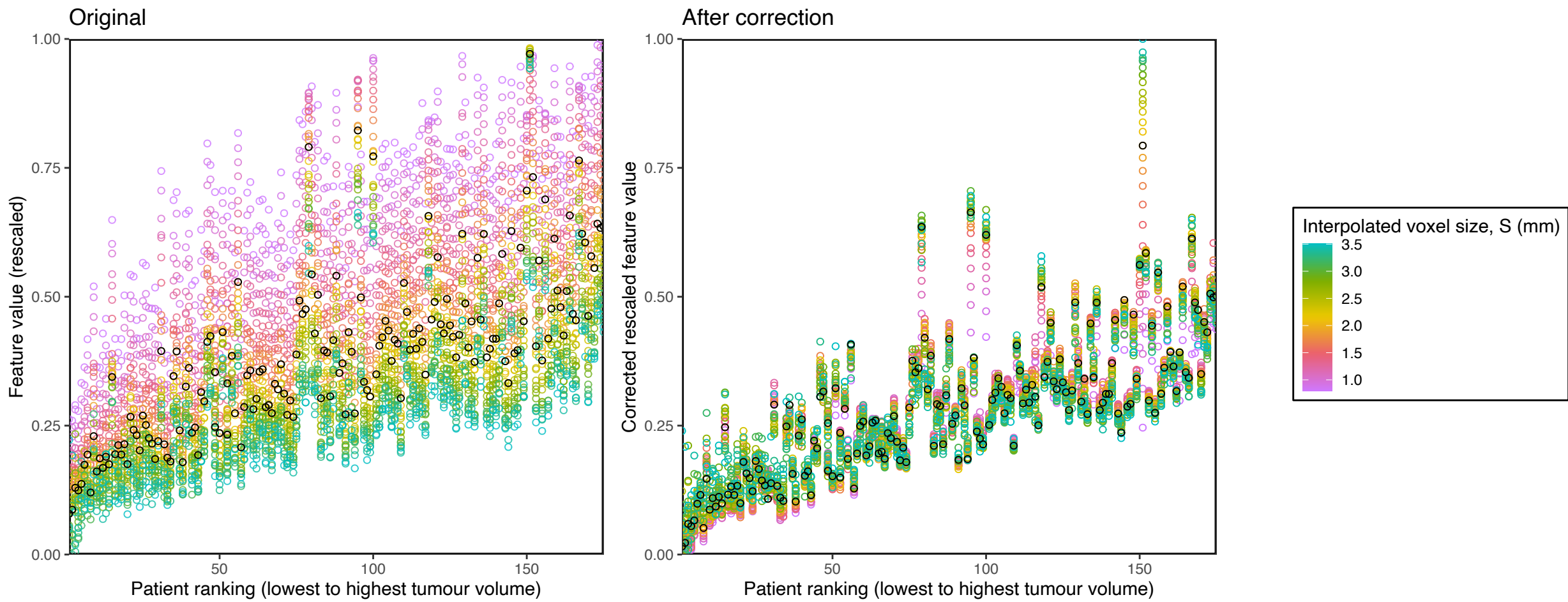# glcm InverseVariance

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

Regression modelling to correct features

Original

$r_{rm}: -0.916 \, [-0.921 , -0.911]$

Robust regression best-fit

$$f(10 \cdot S_{voxel}) = \frac{2.321}{log(10 \cdot S_{voxel})} - 0.3894$$

After correction

$r_{rm}: 0.036 \, [0.007 , 0.064]$

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

Original

After correction

Interpolated voxel size, S (mm)

Feature value dispersions per patient, before and after correction

Wilcoxon test : $p \leq 0.001$

33.71

6.03

Features

Corrected
Original