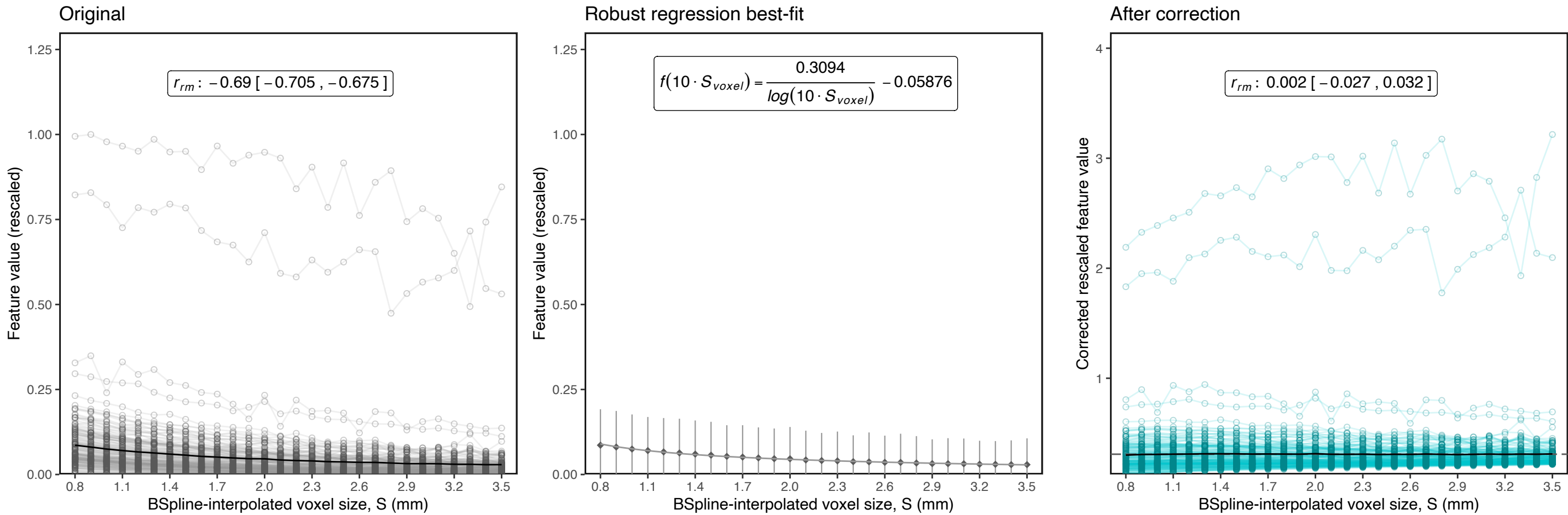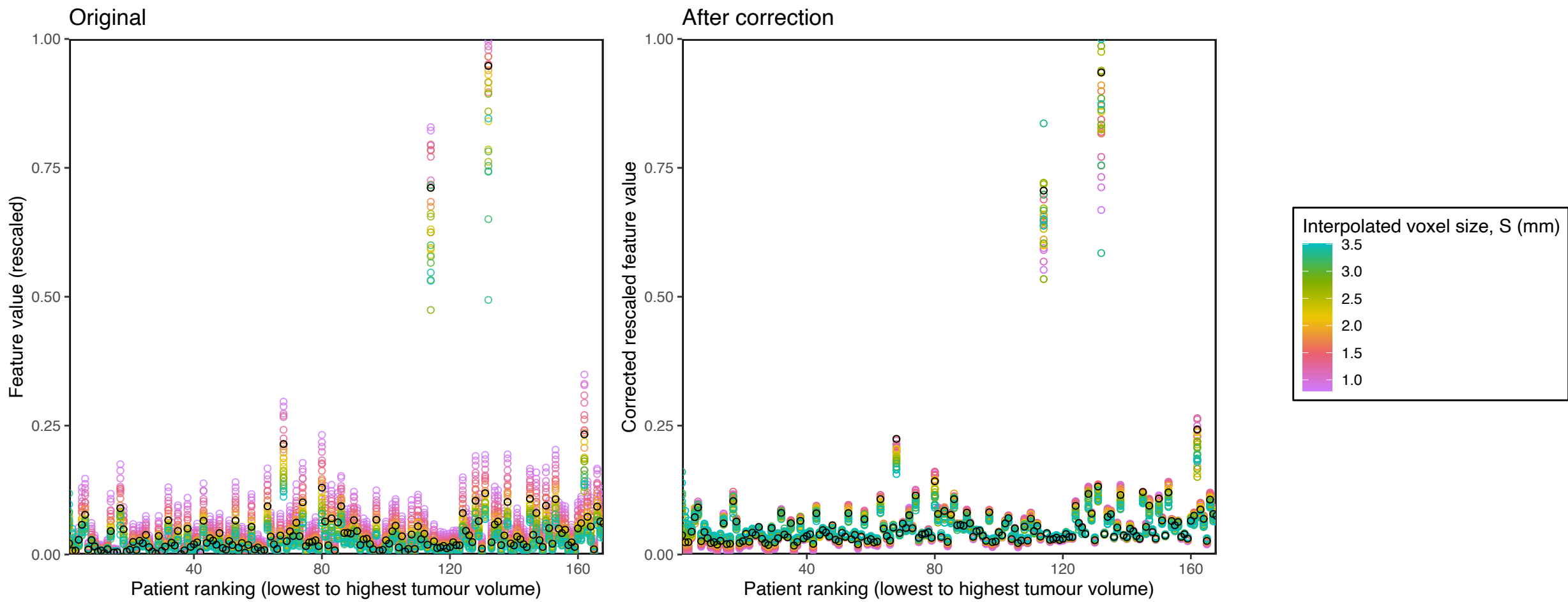# glcm MaximumProbability

Robustness: Conditionally robust
Operational range: Present
Feature correctability: Moderately correctable

Regression modelling to correct features

Original

$r_{rm} : -0.69 [-0.705, -0.675]$

Robust regression best-fit

$$f(10 \cdot S_{voxel}) = \frac{0.3094}{log(10 \cdot S_{voxel})} - 0.05876$$

After correction

$r_{rm} : 0.002 [-0.027, 0.032]$

Feature response to BSpline 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 : $p \leq 0.001$

48.75

11.87

Features
○ Corrected
○ Original