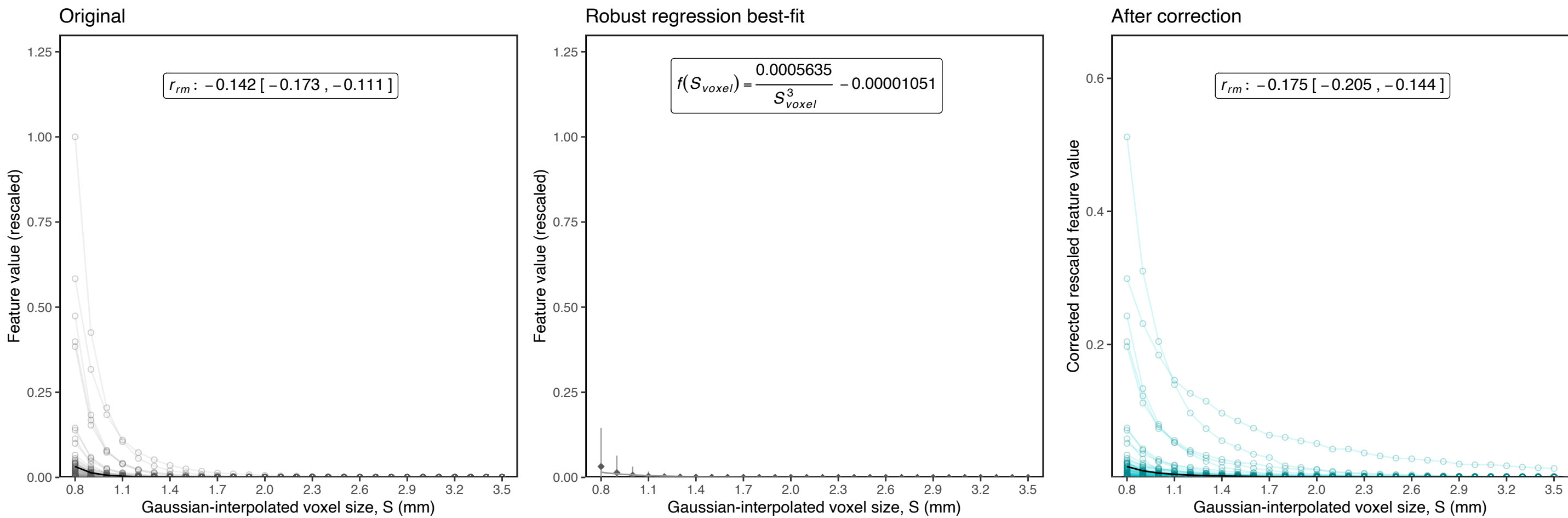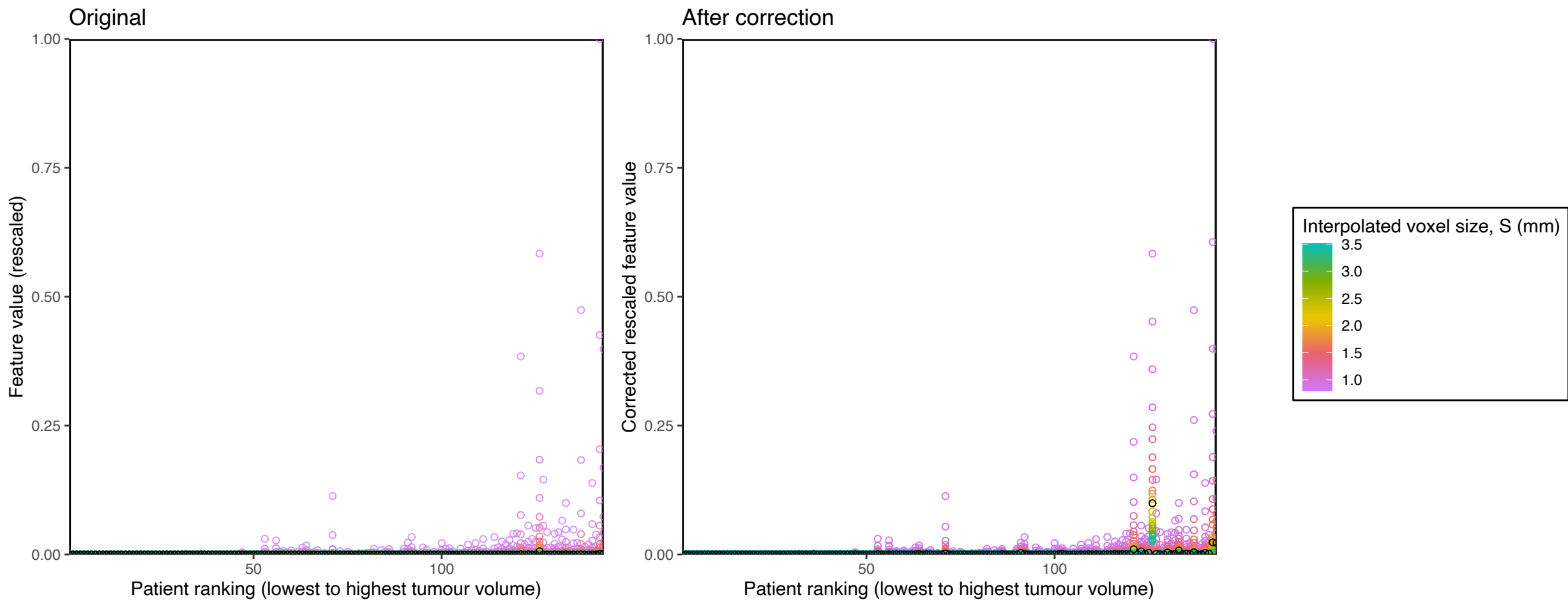# glszm LargeAreaHighGrayLevelEmphasis

Robustness: Not robust
Operational range: Absent
Feature correctability: Not correctable

Regression modelling to correct features

Original

$r_{rm}: -0.142 [-0.173 , -0.111]$

Robust regression best-fit

$$f(S_{voxel}) = \frac{0.0005635}{S_{voxel}^3} - 0.00001051$$

After correction

$r_{rm}: -0.175 [-0.205 , -0.144]$

Feature response to Gaussian 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 : $p \leq 0.001$

292.76

123.39

Features

Corrected
Original