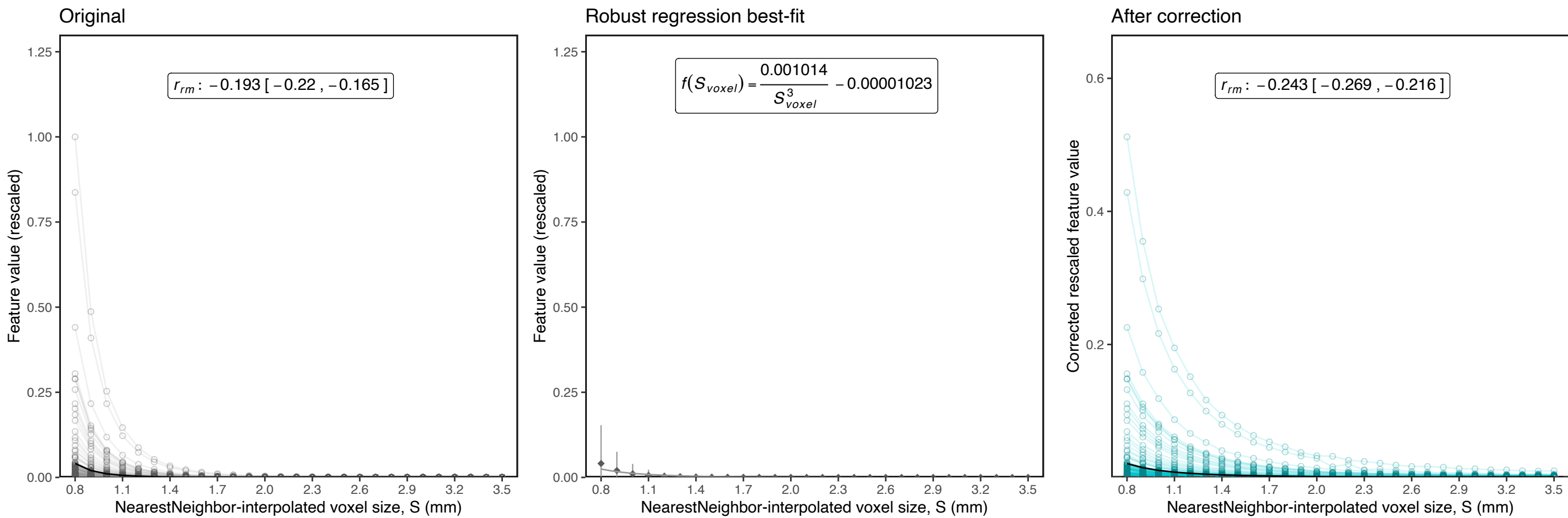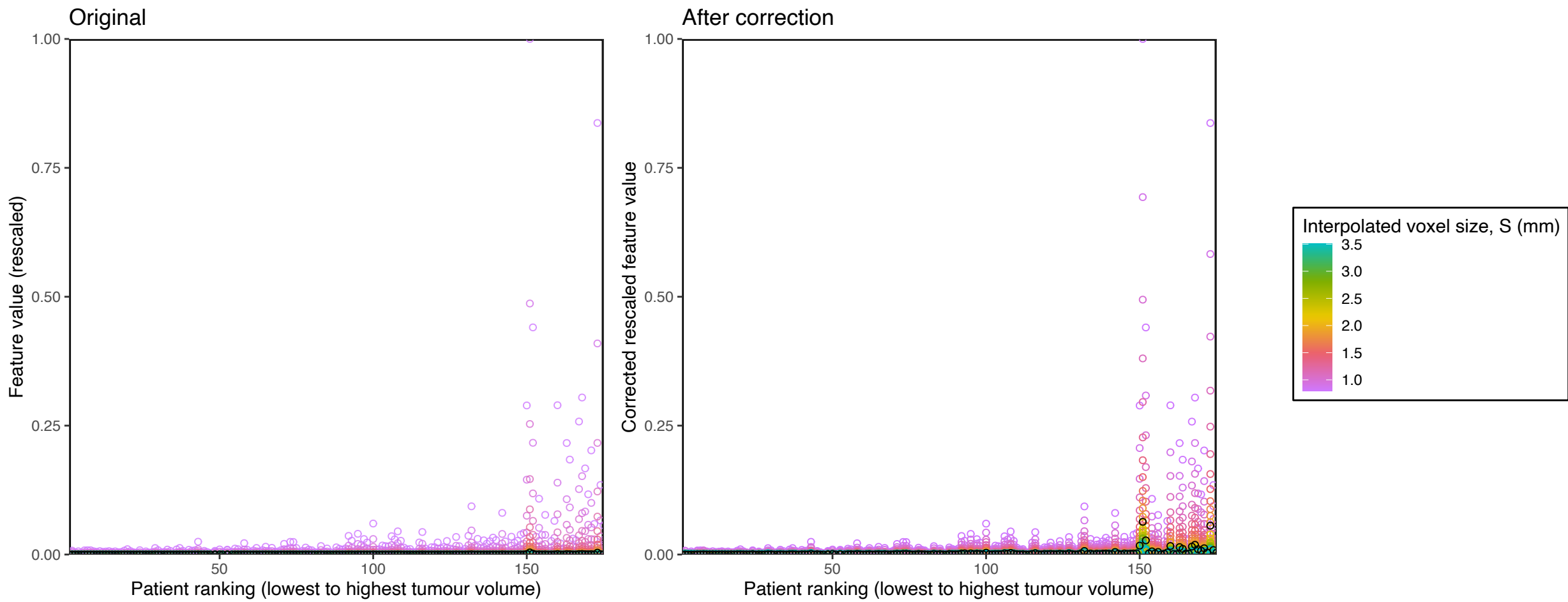# glszm LargeAreaHighGrayLevelEmphasis

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

Regression modelling to correct features

Original

$r_{rm}: -0.193 \, [\, -0.22 \, , \, -0.165 \,]$

Robust regression best-fit

$$f(S_{voxel}) = \frac{0.001014}{S_{voxel}^3} - 0.00001023$$

After correction

$r_{rm}: -0.243 \, [\, -0.269 \, , \, -0.216 \,]$

Feature response to NearestNeighbor 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 : $p \leq 0.001$

268.71

125

Features

Corrected
Original