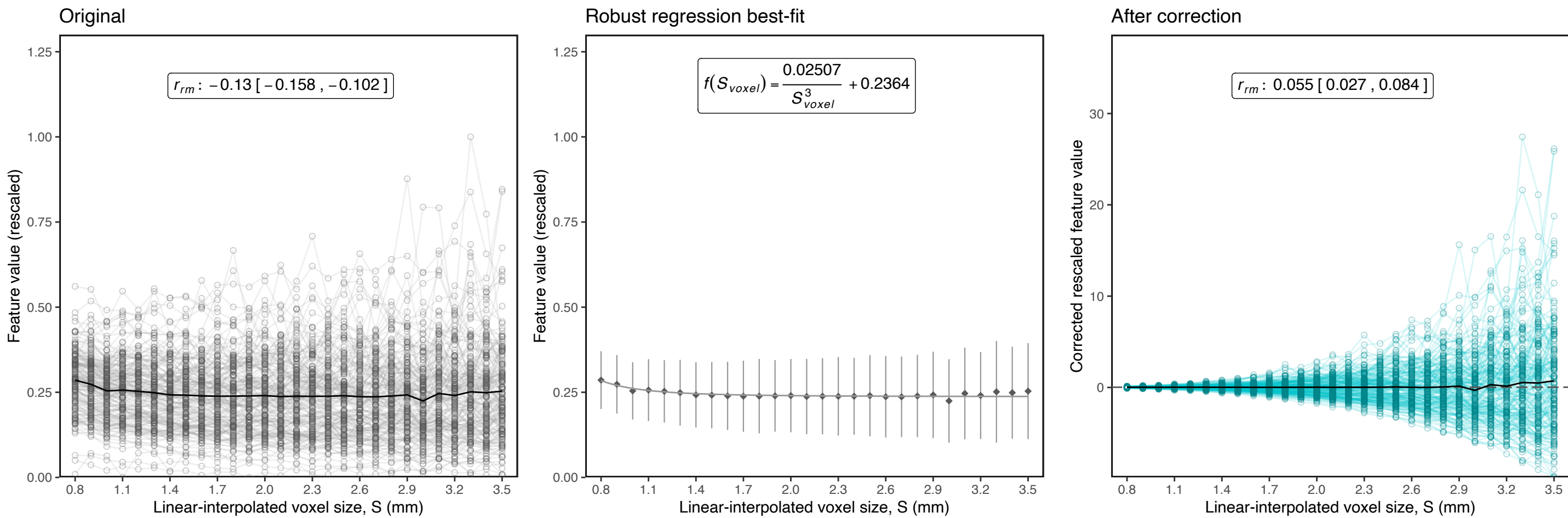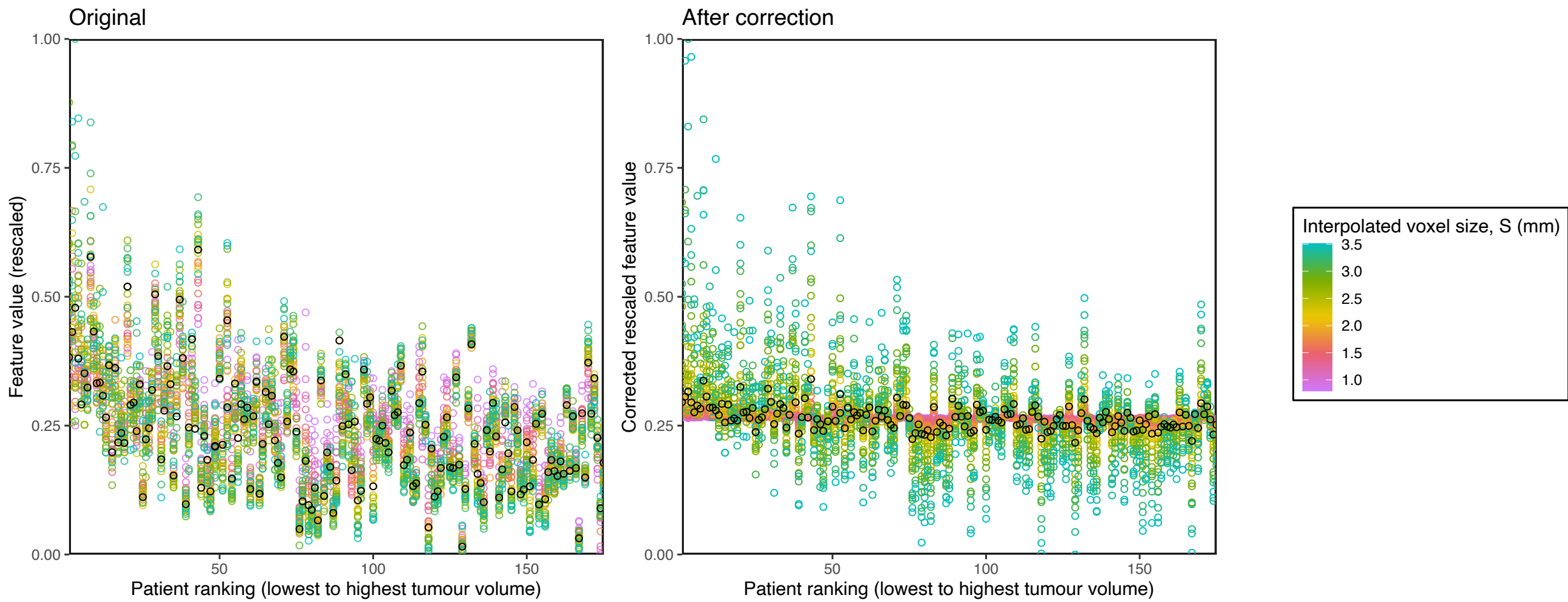# glszm HighGrayLevelZoneEmphasis

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

Regression modelling to correct features

Original
$r_{rm}: -0.13\ [\ -0.158\ ,\ -0.102\ ]$

Robust regression best-fit
$f(S_{voxel}) = \dfrac{0.02507}{S_{voxel}^3} + 0.2364$

After correction
$r_{rm}: 0.055\ [\ 0.027\ ,\ 0.084\ ]$

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

Original

After correction

Interpolated voxel size, S (mm)
3.5
3.0
2.5
2.0
1.5
1.0

Feature value dispersions per patient, before and after correction

Wilcoxon test : $p \leq 0.001$

17.75
15.48

Features
Corrected
Original