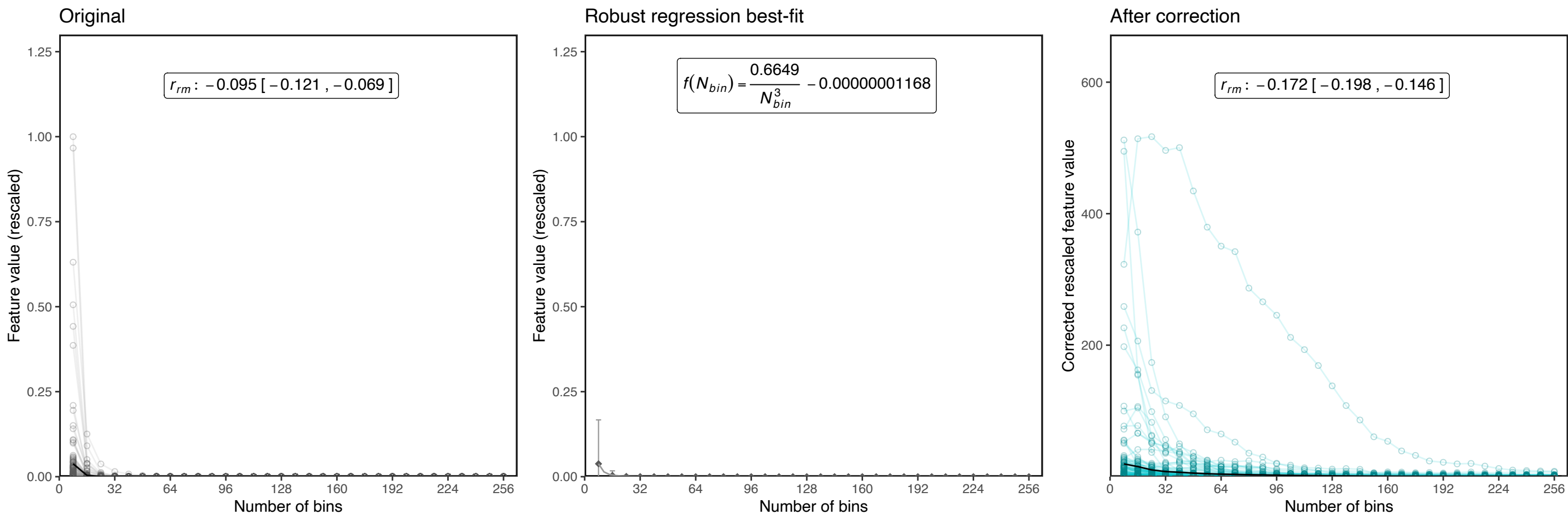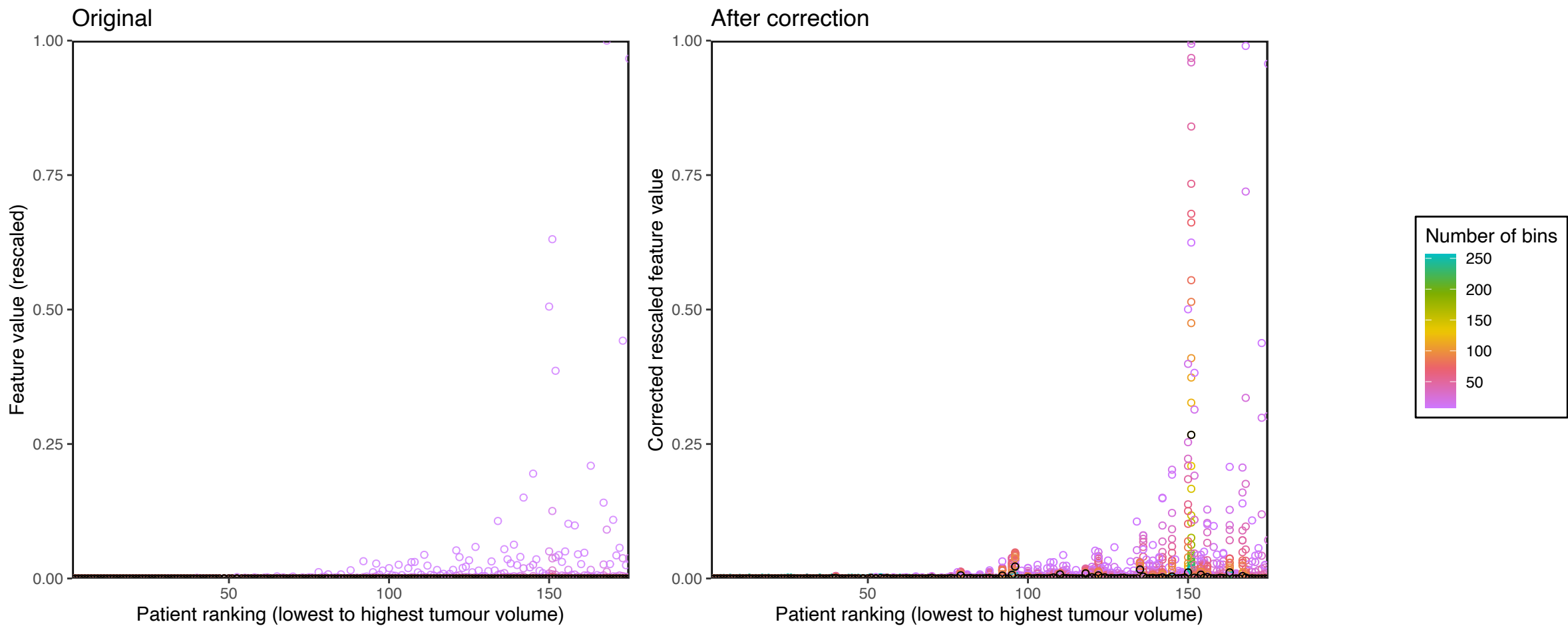# glszm LargeAreaLowGrayLevelEmphasis

Robustness: Conditionally robust
Operational range: Present
Feature correctability: Not correctable

Regression modelling to correct features

Original

$r_{rm}: -0.095 \, [\, -0.121 \, , -0.069 \,]$

Robust regression best-fit

$$f(N_{bin}) = \frac{0.6649}{N_{bin}^3} - 0.00000001168$$

After correction

$r_{rm}: -0.172 \, [\, -0.198 \, , -0.146 \,]$

Feature response to number of bins for each patient, before and after correction

Original

After correction

Feature value dispersions per patient, before and after correction

Wilcoxon test : $p \leq 0.001$

494.14

137.17