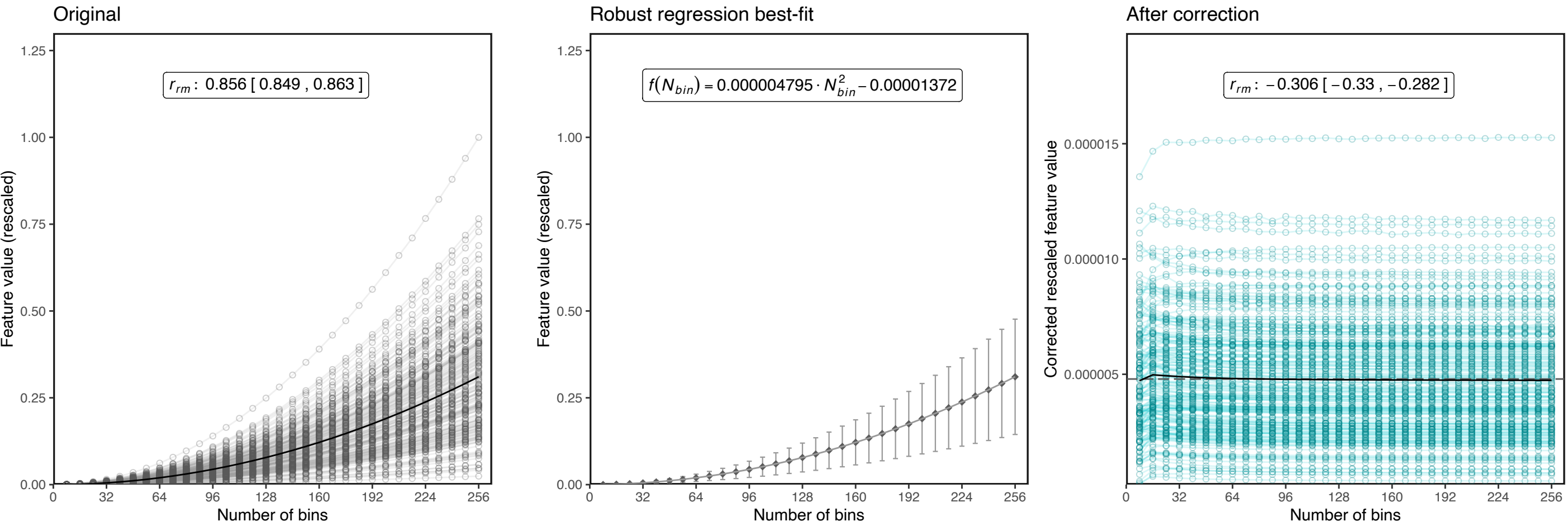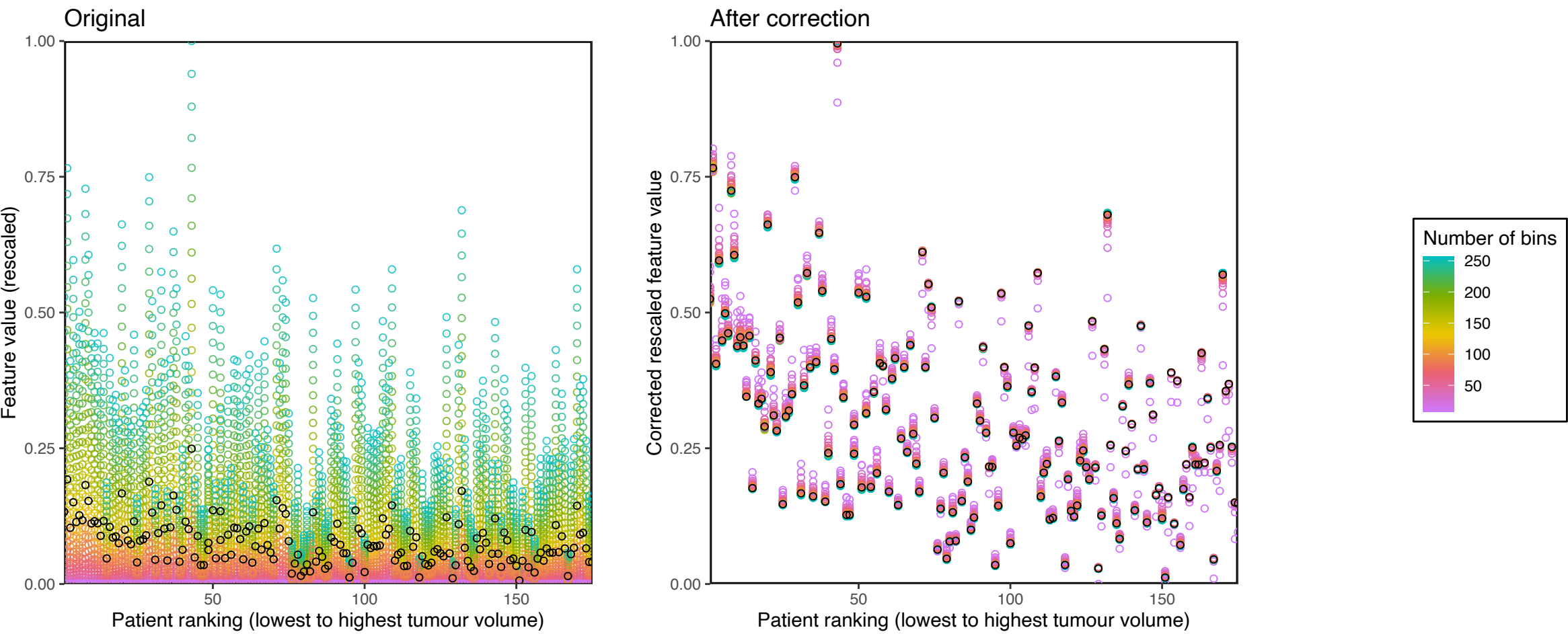# glrlm ShortRunHighGrayLevelEmphasis

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

Regression modelling to correct features

Original

r_{rm} : 0.856 [0.849 , 0.863]

Robust regression best-fit

$f(N_{bin}) = 0.000004795 \cdot N_{bin}^2 - 0.00001372$

After correction

r_{rm} : −0.306 [−0.33 , −0.282]

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

Original

After correction

Number of bins

Feature value dispersions per patient, before and after correction

Wilcoxon test : $p \le 0.001$

88.87

3.71

Features
Corrected
Original