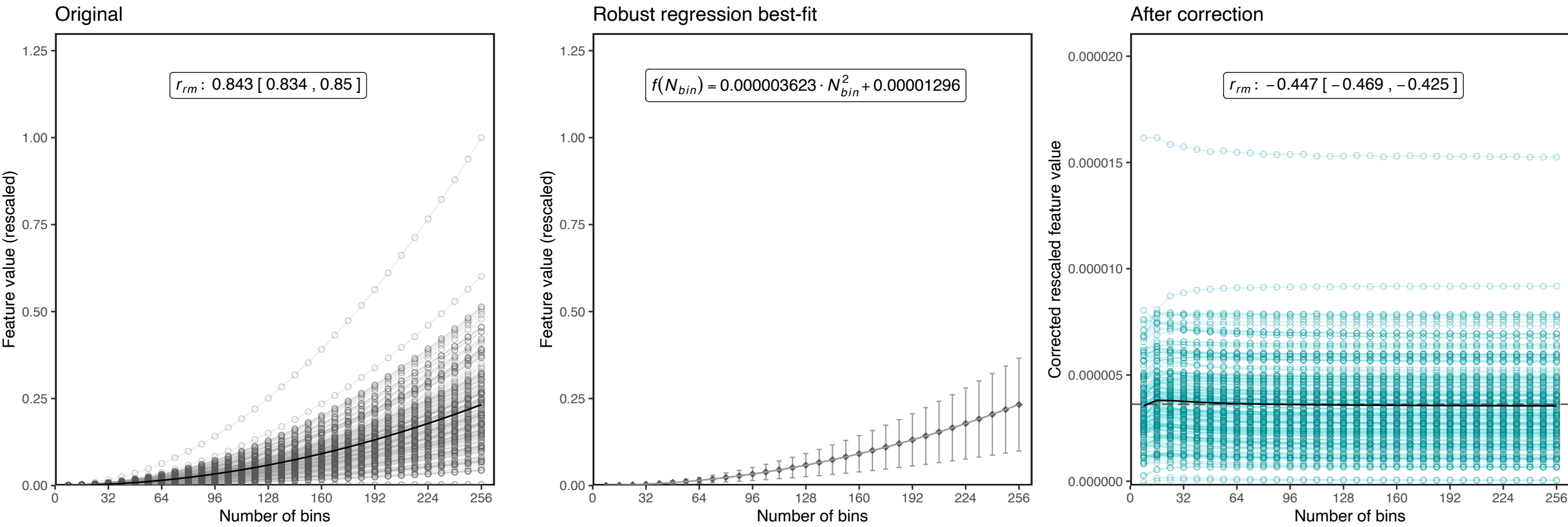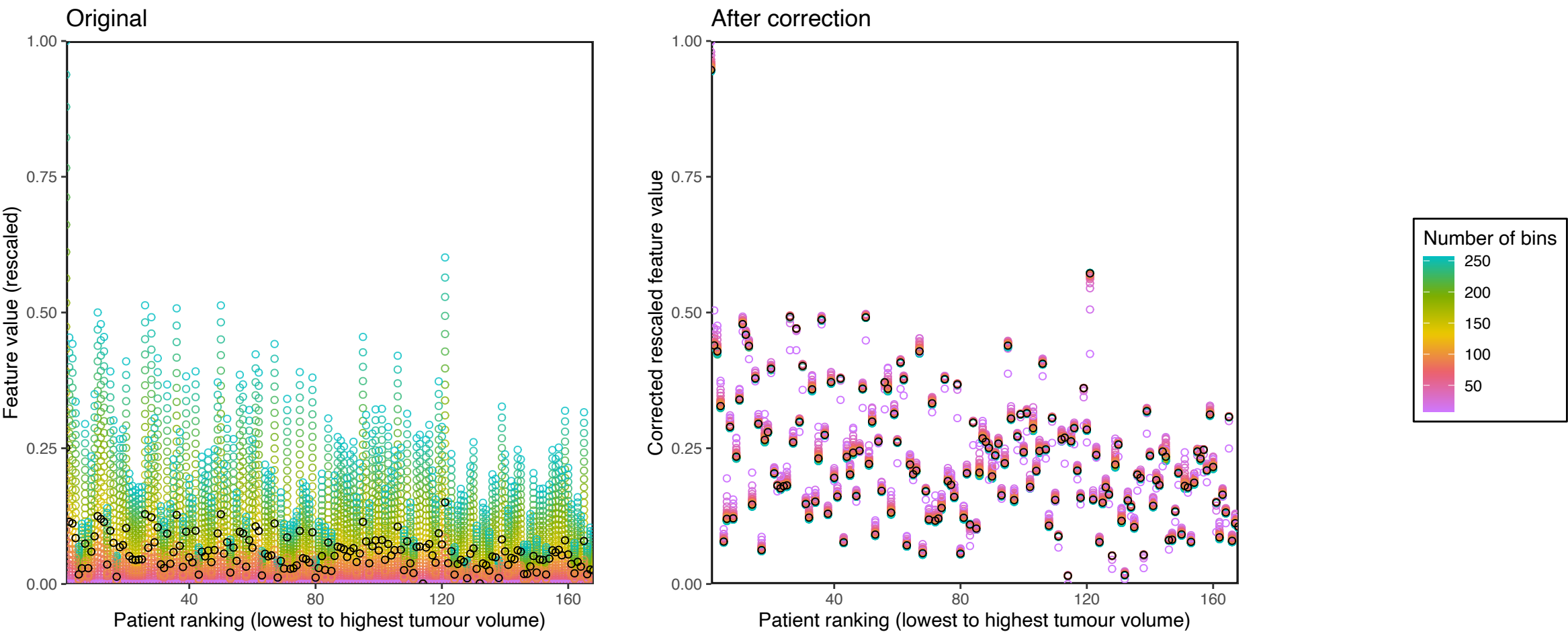# glrlm ShortRunHighGrayLevelEmphasis

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

Regression modelling to correct features

Original — r_{rm} : 0.843 [0.834 , 0.85]

Robust regression best-fit — $f(N_{bin}) = 0.000003623 \cdot N_{bin}^2 + 0.00001296$

After correction — r_{rm} : -0.447 [-0.469 , -0.425]

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

Original

After correction

Number of bins
- 250
- 200
- 150
- 100
- 50

Feature value dispersions per patient, before and after correction

Wilcoxon test : $p \le 0.001$

88.46

3.72

Features
- Corrected
- Original