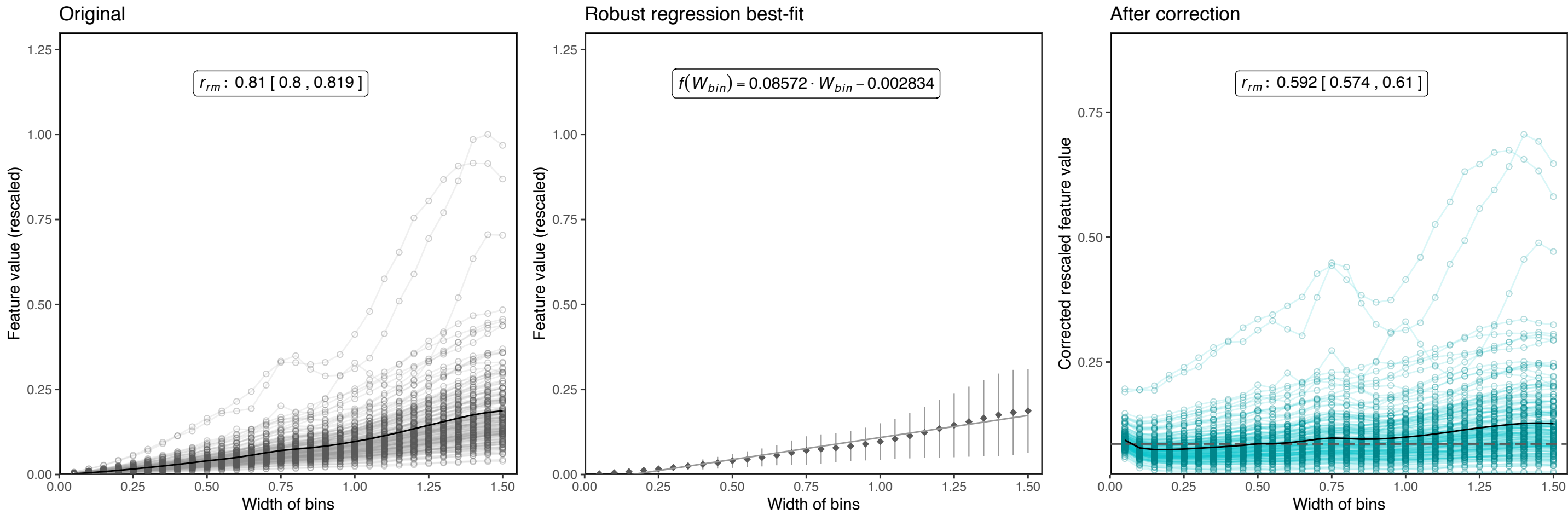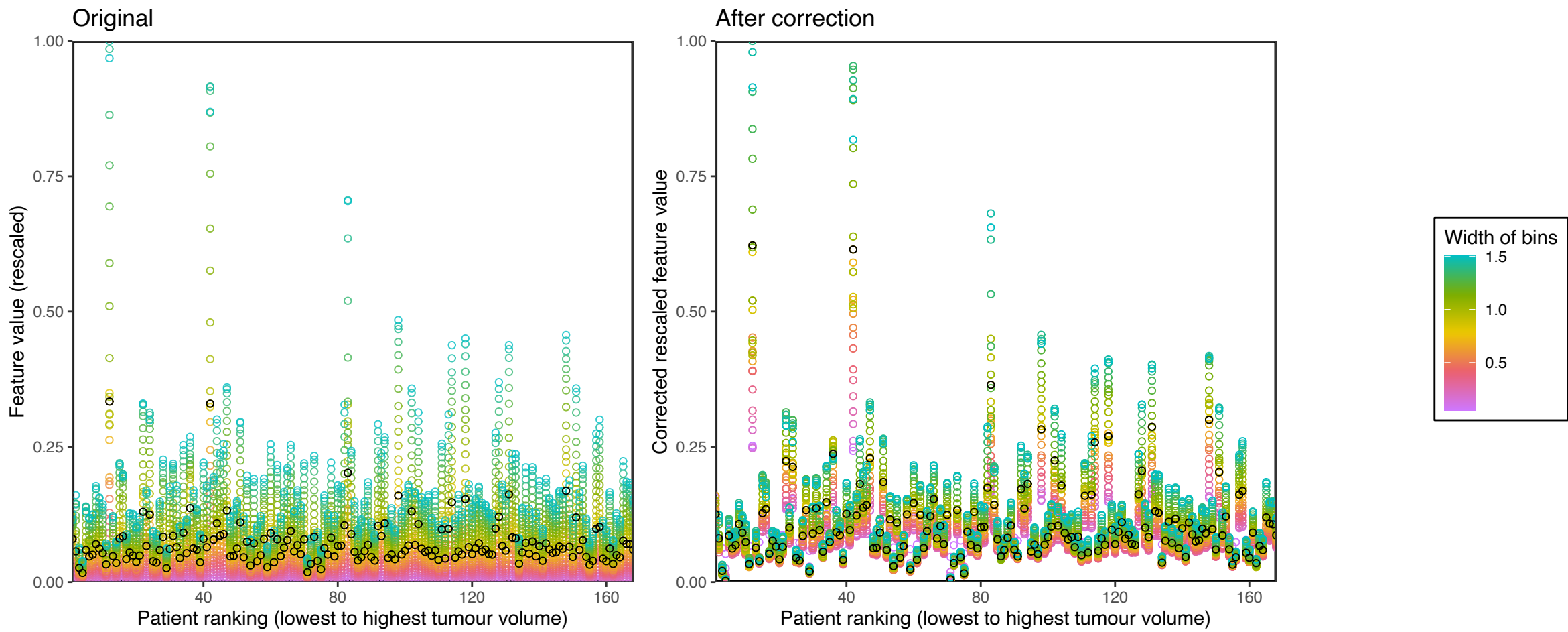# glrlm LongRunEmphasis

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

Regression modelling to correct features

Original — r_{rm} : 0.81 [0.8 , 0.819]

Robust regression best-fit — $f(W_{bin}) = 0.08572 \cdot W_{bin} - 0.002834$

After correction — r_{rm} : 0.592 [0.574 , 0.61]

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

Original

After correction

Width of bins

Feature value dispersions per patient, before and after correction

Wilcoxon test : $p \leq 0.001$

71.09

24.02

Features
Corrected
Original