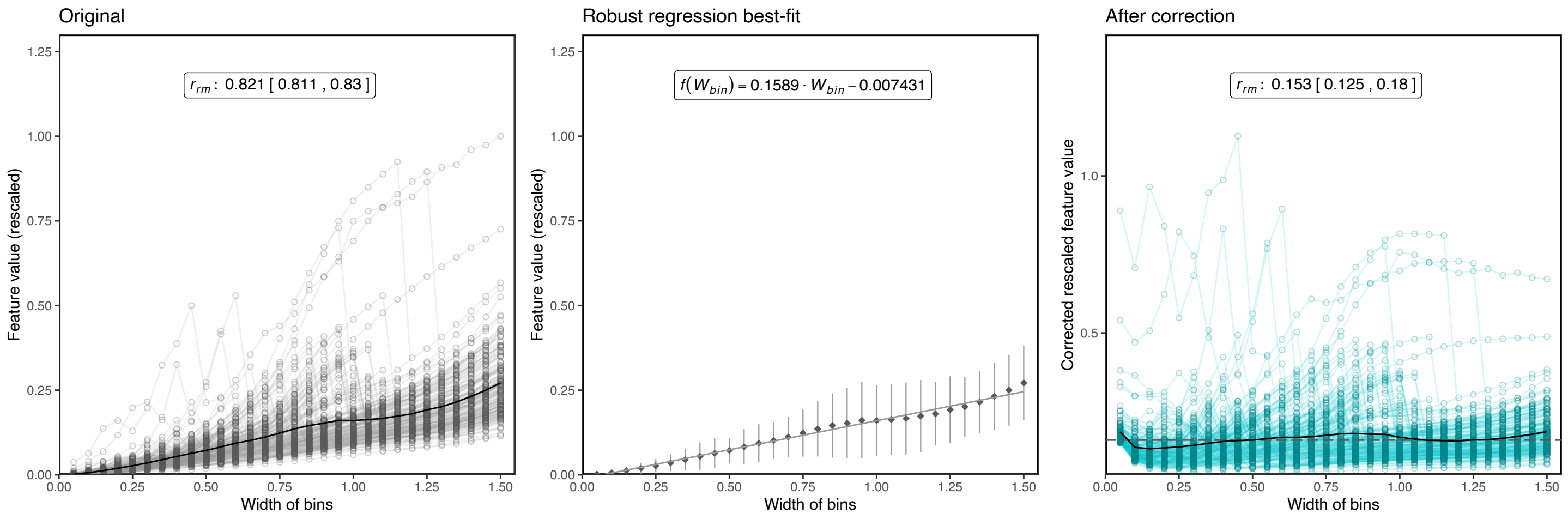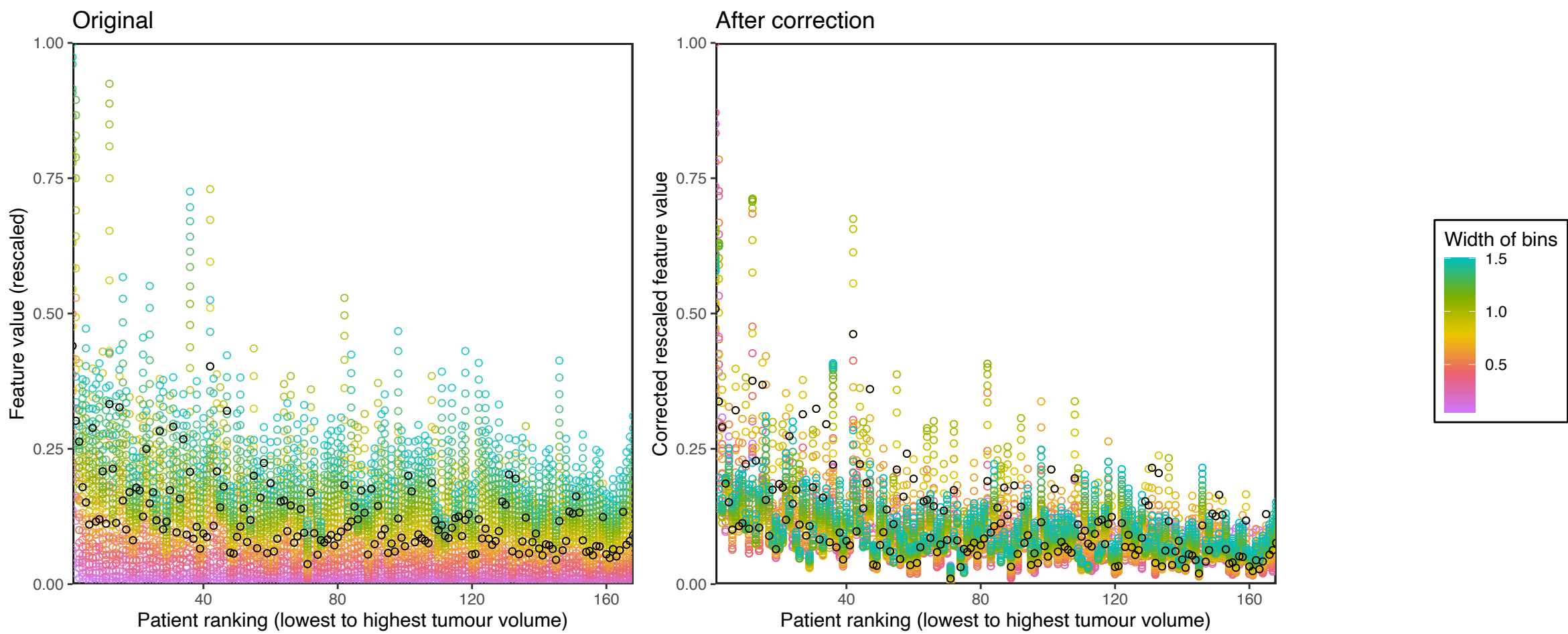# glrlm LowGrayLevelRunEmphasis

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

Regression modelling to correct features

Original — r_{rm} : 0.821 [0.811 , 0.83]

Robust regression best-fit — $f(W_{bin}) = 0.1589 \cdot W_{bin} - 0.007431$

After correction — r_{rm} : 0.153 [0.125 , 0.18]

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 : $p \leq 0.001$

70.1

37.42

Features

Corrected

Original