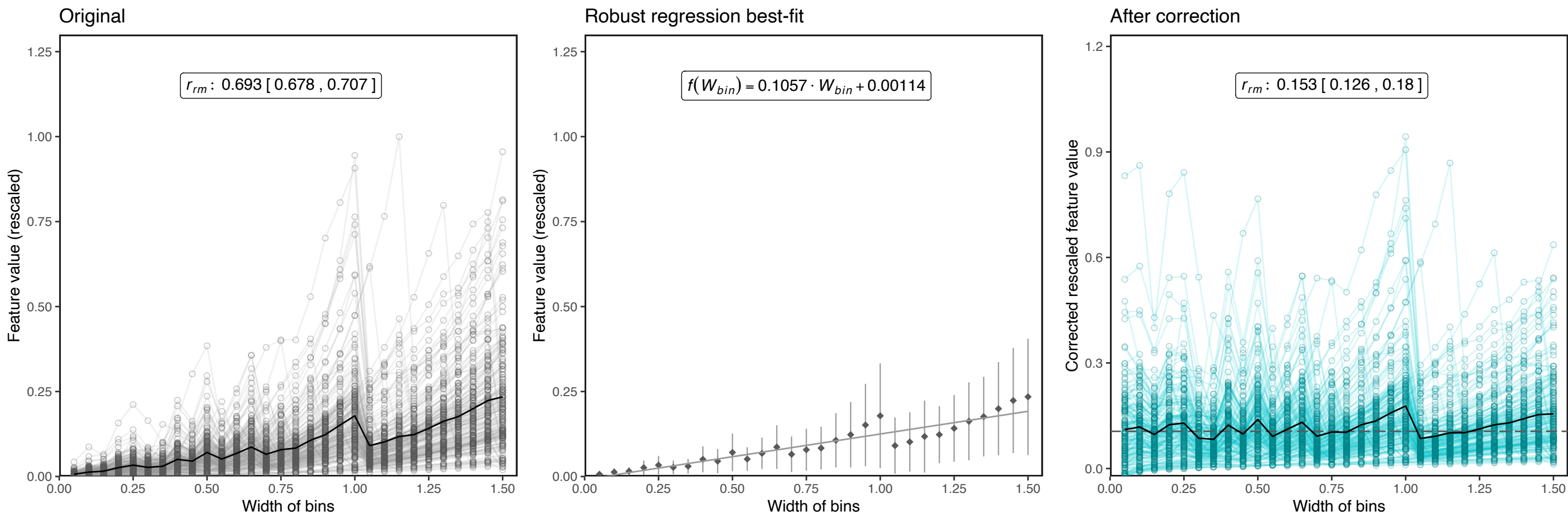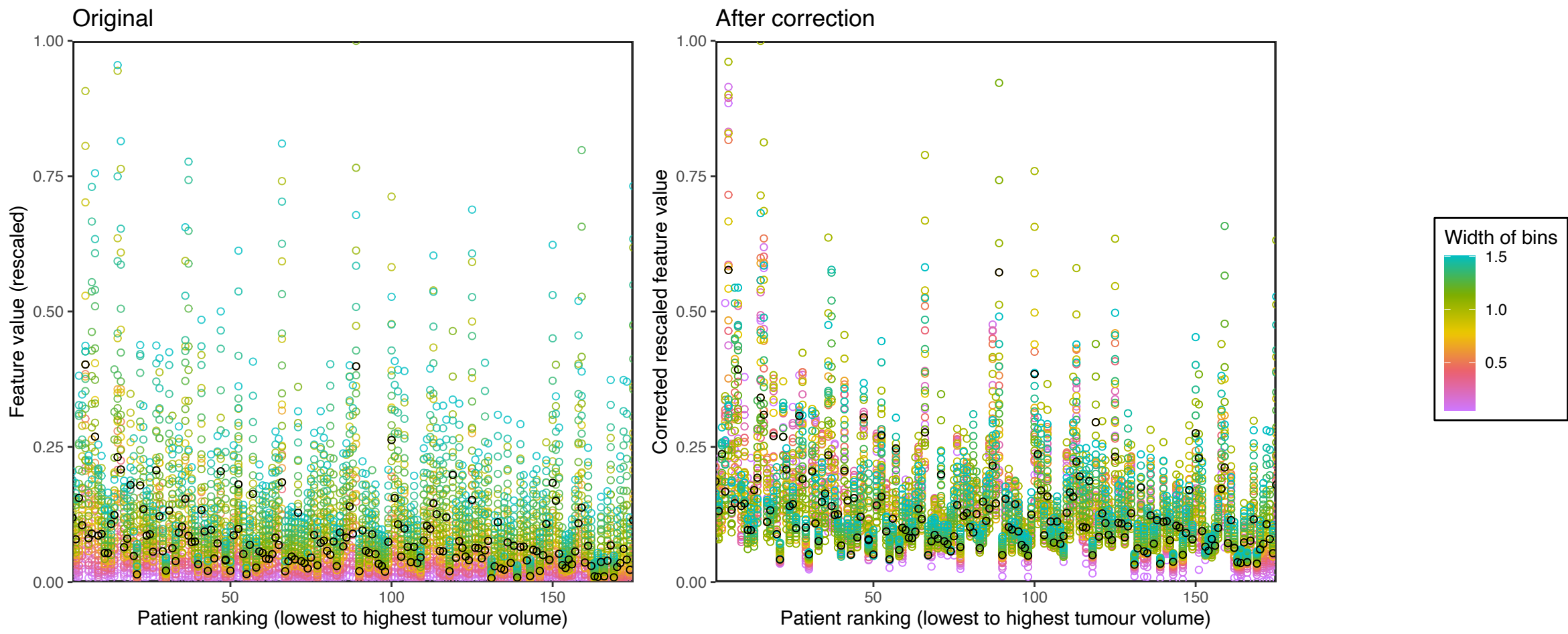# glrlm LongRunLowGrayLevelEmphasis

Robustness: Not robust

Operational range: Absent

Feature correctability: Moderately correctable

Regression modelling to correct features

Original

Robust regression best-fit

r_{rm} : 0.693 [0.678 , 0.707]

$f(W_{bin}) = 0.1057 \cdot W_{bin} + 0.00114$

After correction

r_{rm} : 0.153 [0.126 , 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 : $p \leq 0.001$

72.58

29.84

Features

Corrected

Original