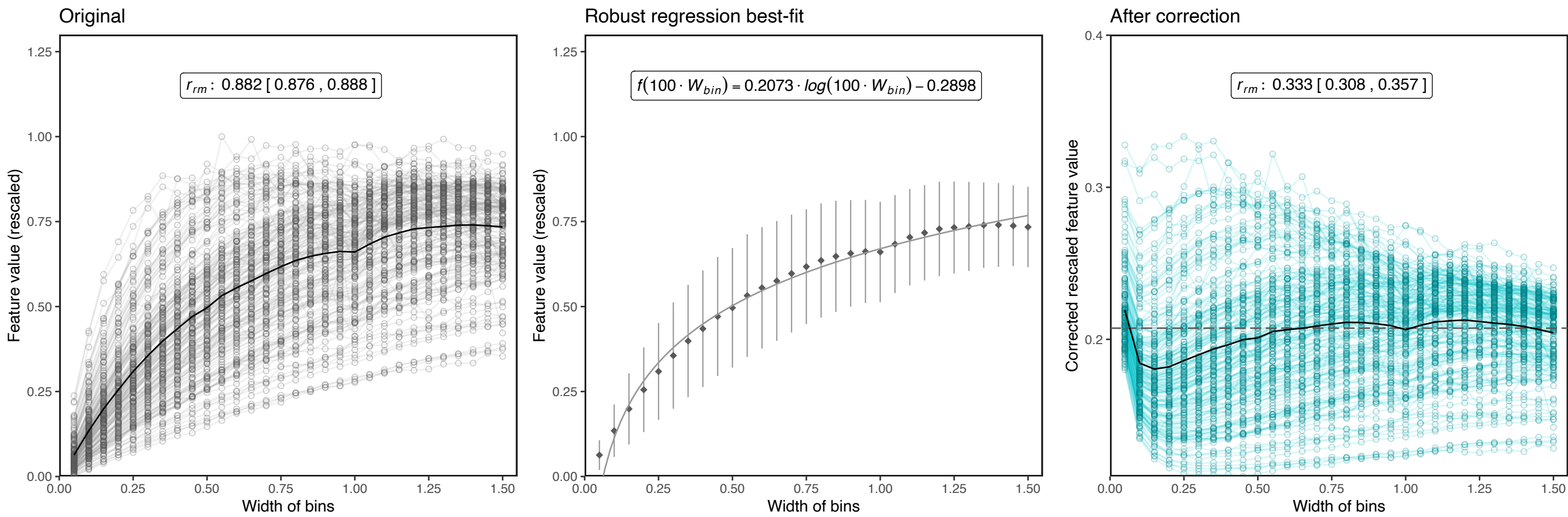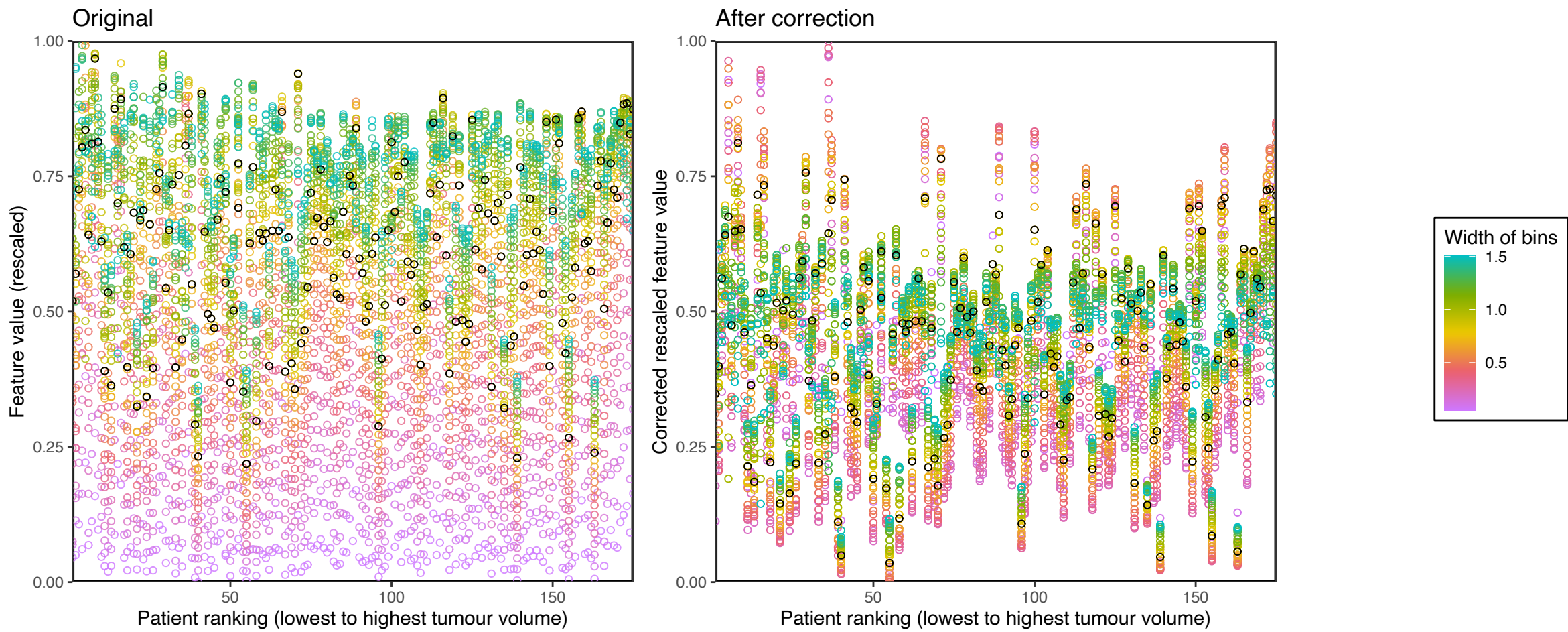# glcm InverseVariance

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

Regression modelling to correct features

Original

$r_{rm}: 0.882\ [\ 0.876\ ,\ 0.888\ ]$

Robust regression best-fit

$f(100 \cdot W_{bin}) = 0.2073 \cdot log(100 \cdot W_{bin}) - 0.2898$

After correction

$r_{rm}: 0.333\ [\ 0.308\ ,\ 0.357\ ]$

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 : $p \le 0.001$

39

22.05

Features

Corrected

Original