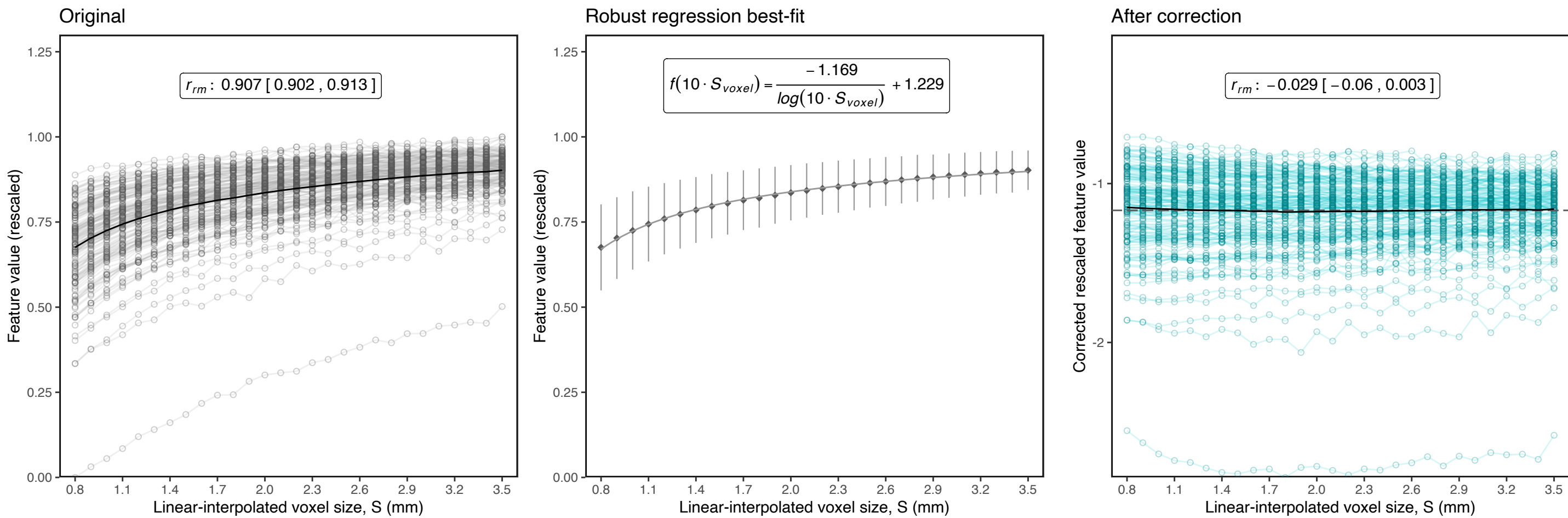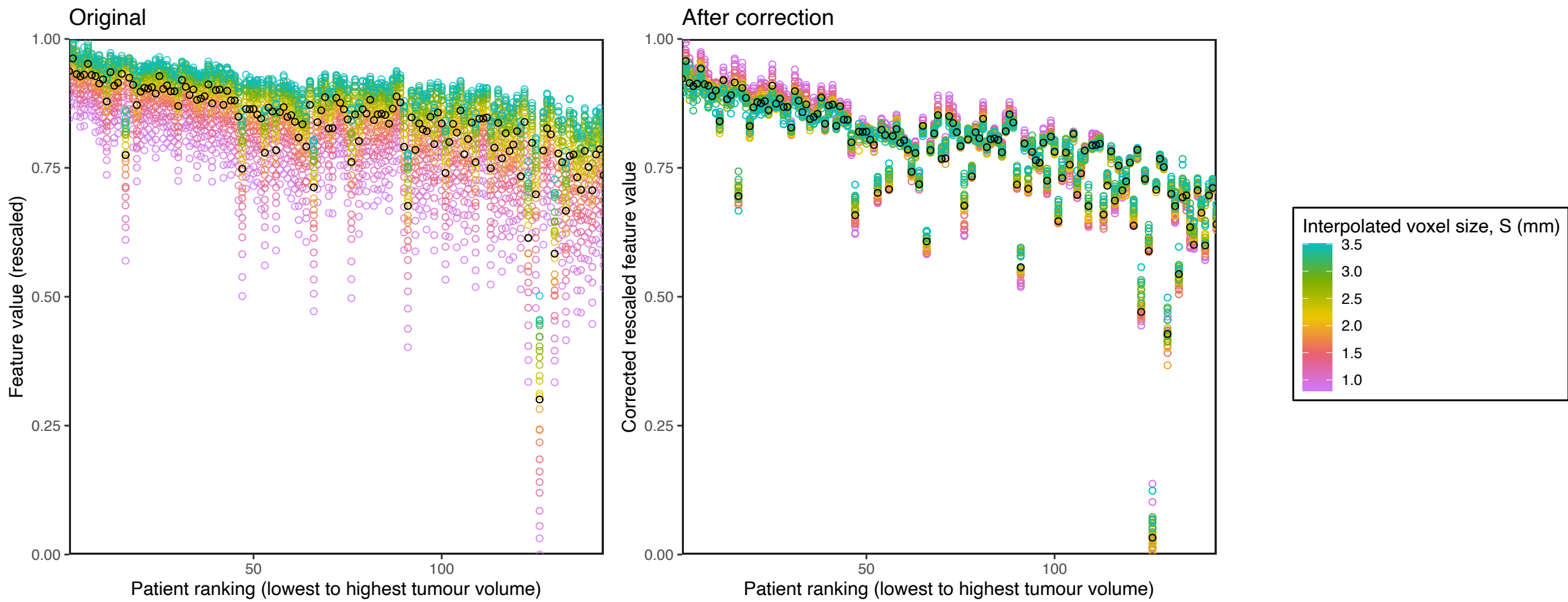# glrlm RunLengthNonUniformityNormalized

Robustness: Conditionally robust
Operational range: Present
Feature correctability: Correctable

Regression modelling to correct features

Original

$r_{rm}: 0.907 \, [\, 0.902 \, , \, 0.913 \,]$

Robust regression best-fit

$f(10 \cdot S_{voxel}) = \dfrac{-1.169}{log(10 \cdot S_{voxel})} + 1.229$

After correction

$r_{rm}: -0.029 \, [\, -0.06 \, , \, 0.003 \,]$

Feature response to Linear interpolation resampling width for each patient, before and after correction

Original

After correction

Interpolated voxel size, S (mm)

Feature value dispersions per patient, before and after correction

Wilcoxon test : $p \leq 0.001$

Features
Corrected
Original

8.08

2.1