

## 1 Supplementary material

Supplementary Figure S1: Example of a synthetic sample with high class imbalance. The three bars represent the different classes: loss, normal and gain. The y axis represents the number of probes in one class.

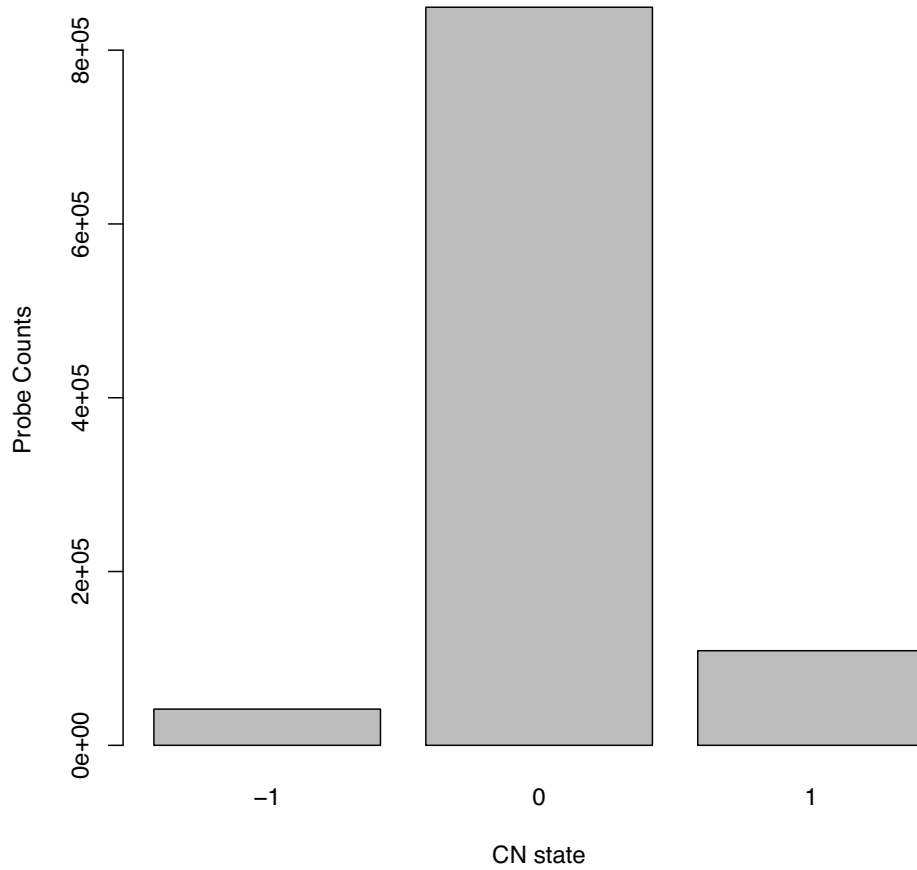


Figure S1: Example of a synthetic sample with high class imbalance. The three bars represent the different classes: loss, normal and gain. The y axis represents the number of probes in one class.

Supplementary Figure S2 shows the distribution of F-scores in synthetic samples with tumour purity 100% for CGHcall and three adjusted versions of CGHcall. F-scores for different intervals used for normalization and postsegmentation normalization - CGHcall\*. The y-axis represents the F-score. The three panels represent the three copy number states: loss, normal and gain.

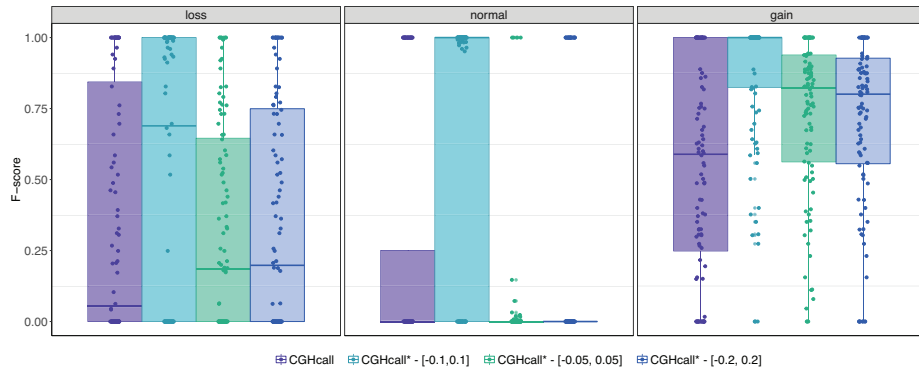


Figure S2: F-scores for different intervals used for normalization and postsegmentation normalization - CGHcall\*. The y-axis represents the F-score. The three panels represent the three copy number states: loss, normal and gain.