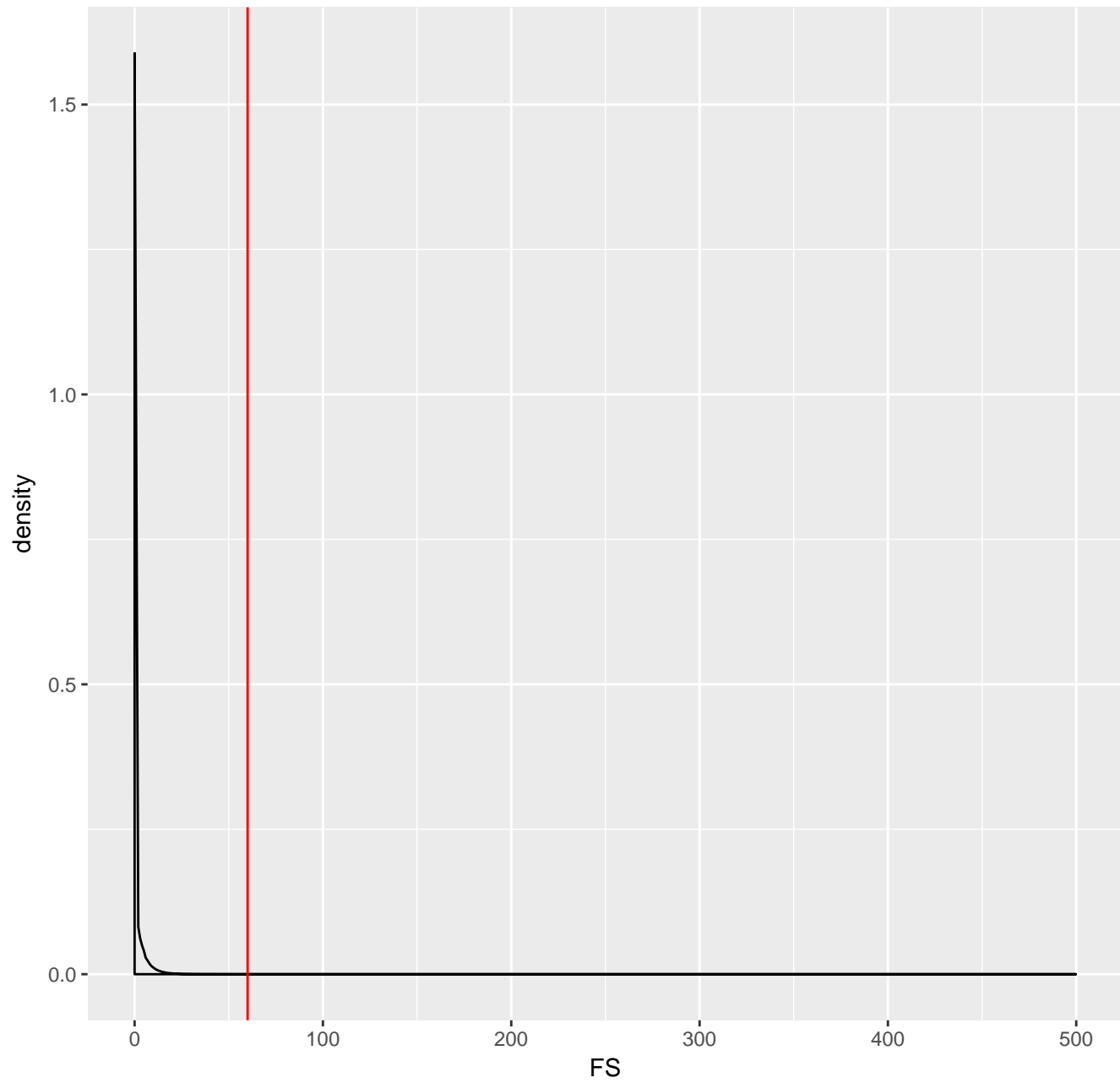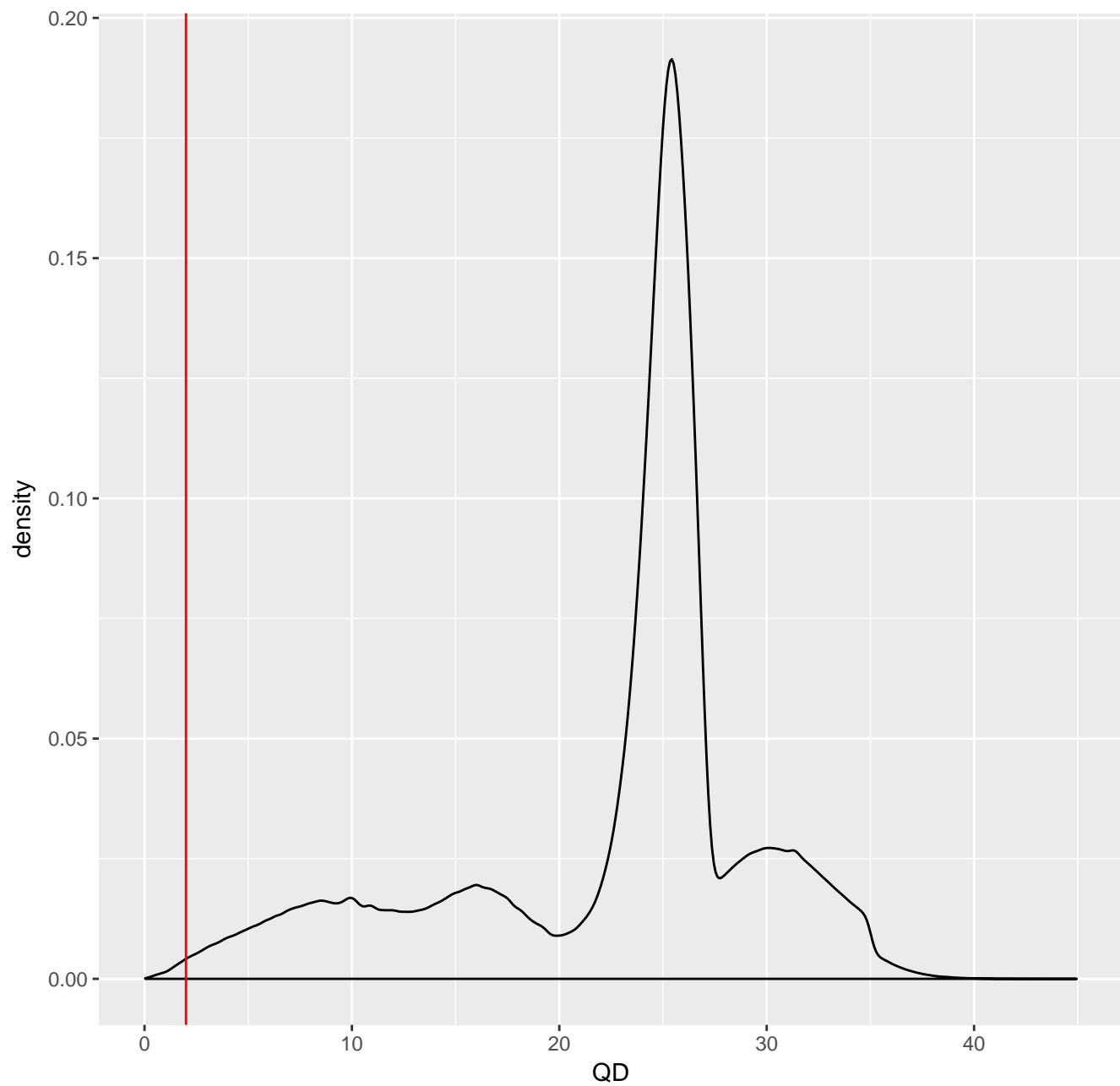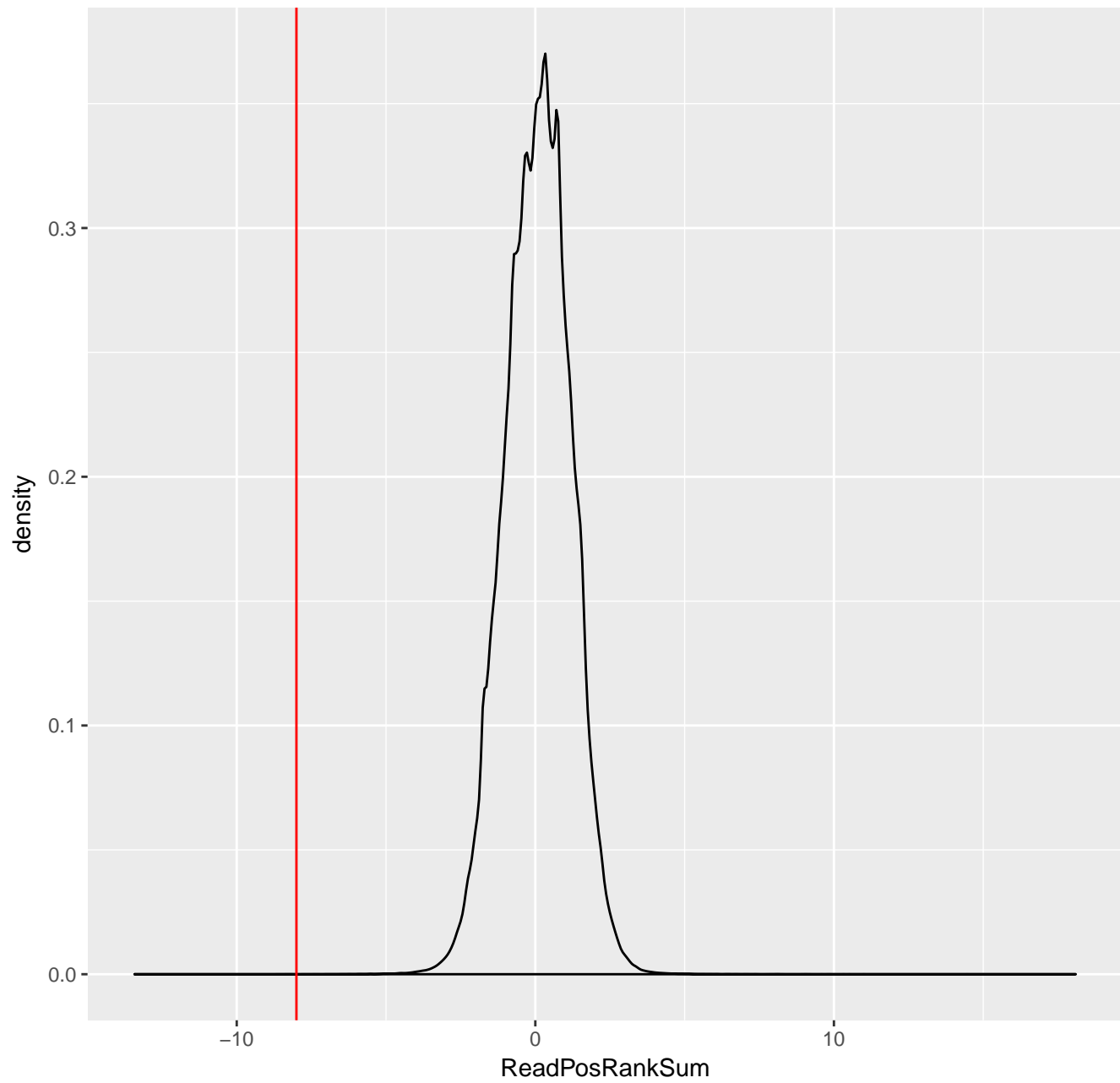Fisher Strand (FS– Strand Bias Variant on F or R)
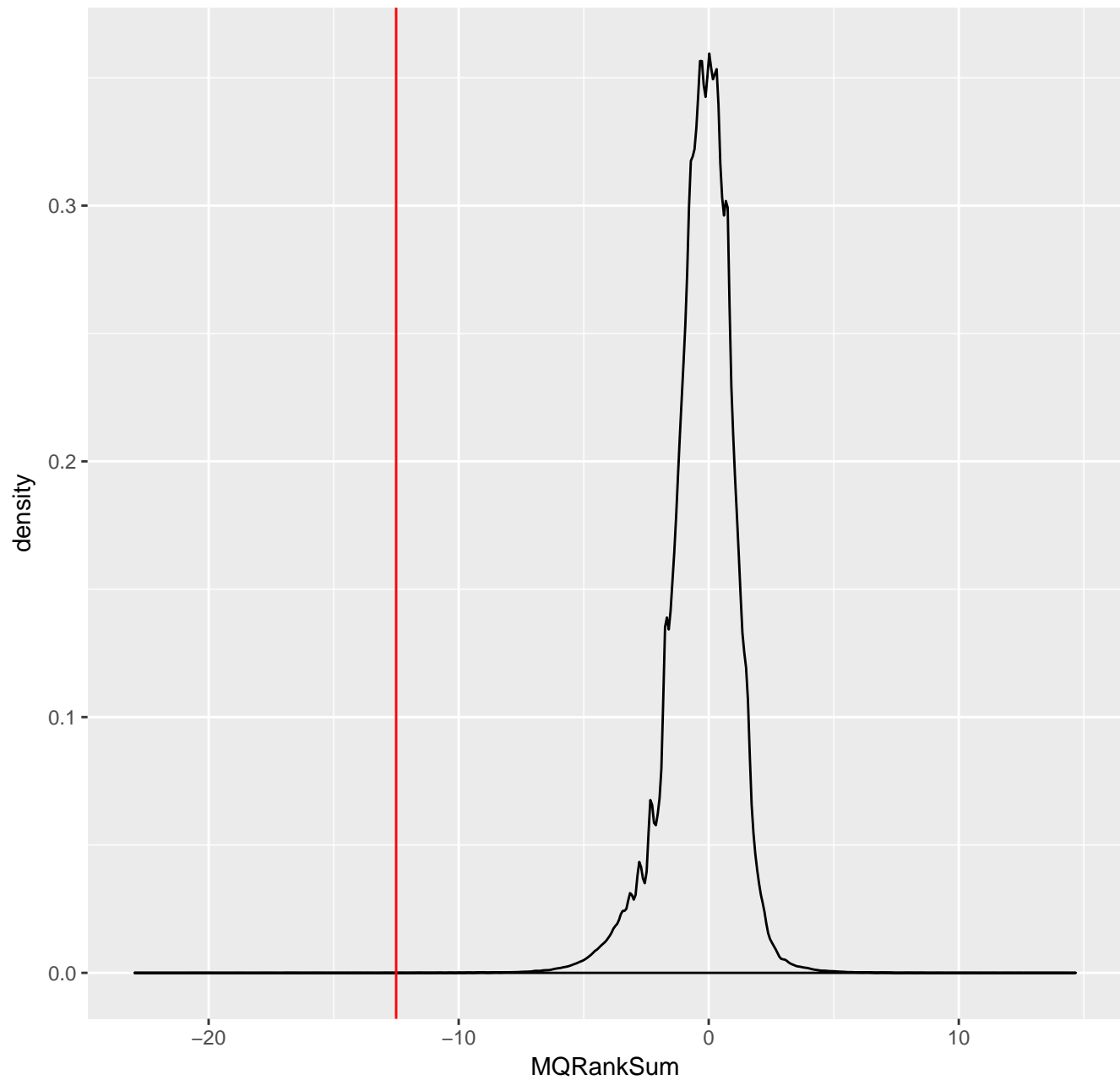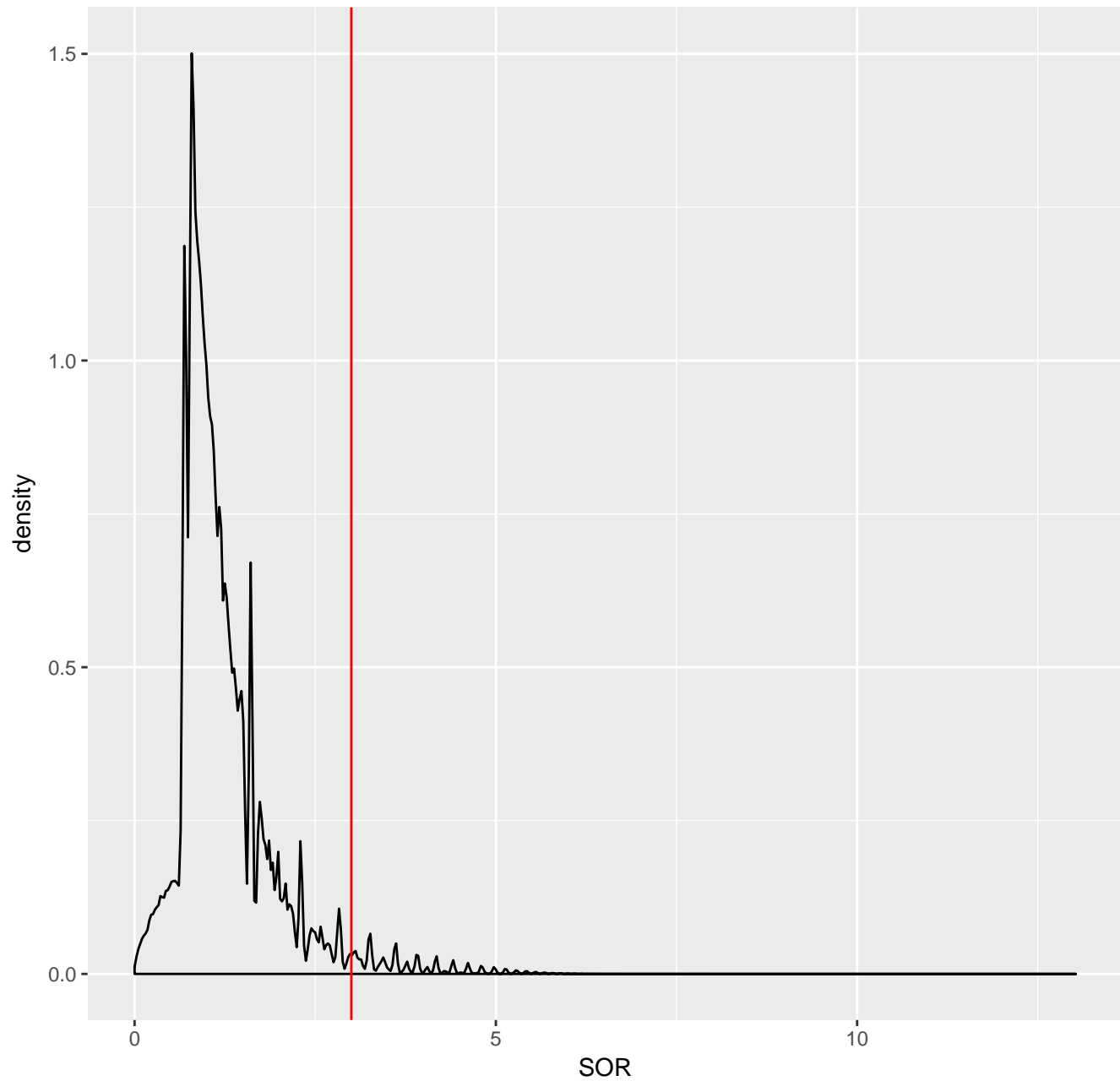
QD −variant qual/unfiltered depth

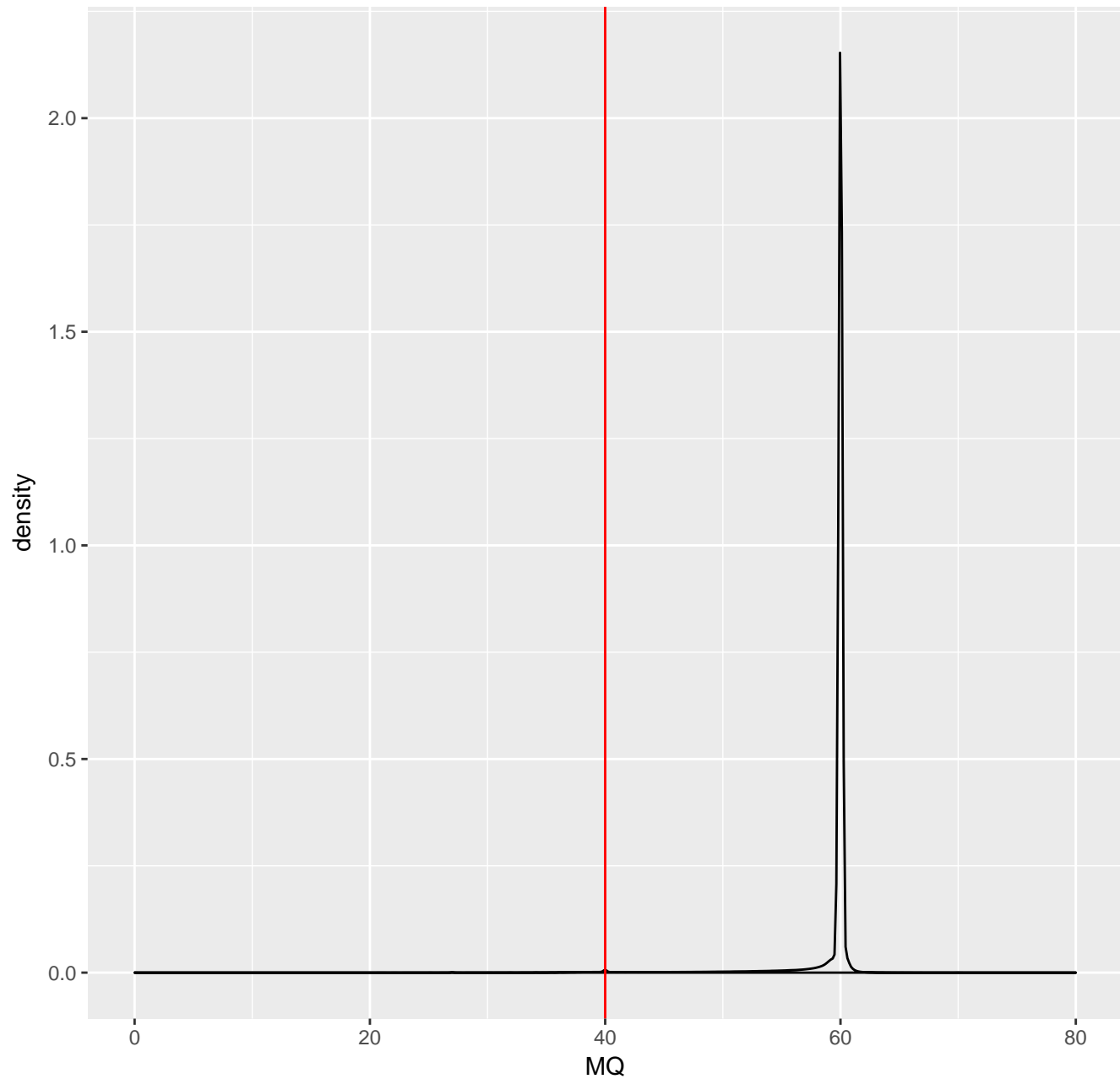ReadPosRankSum – Negative values indicate ALT near ends

MQRankSum of Mapping Quality – Negative values indicate ALT near ends
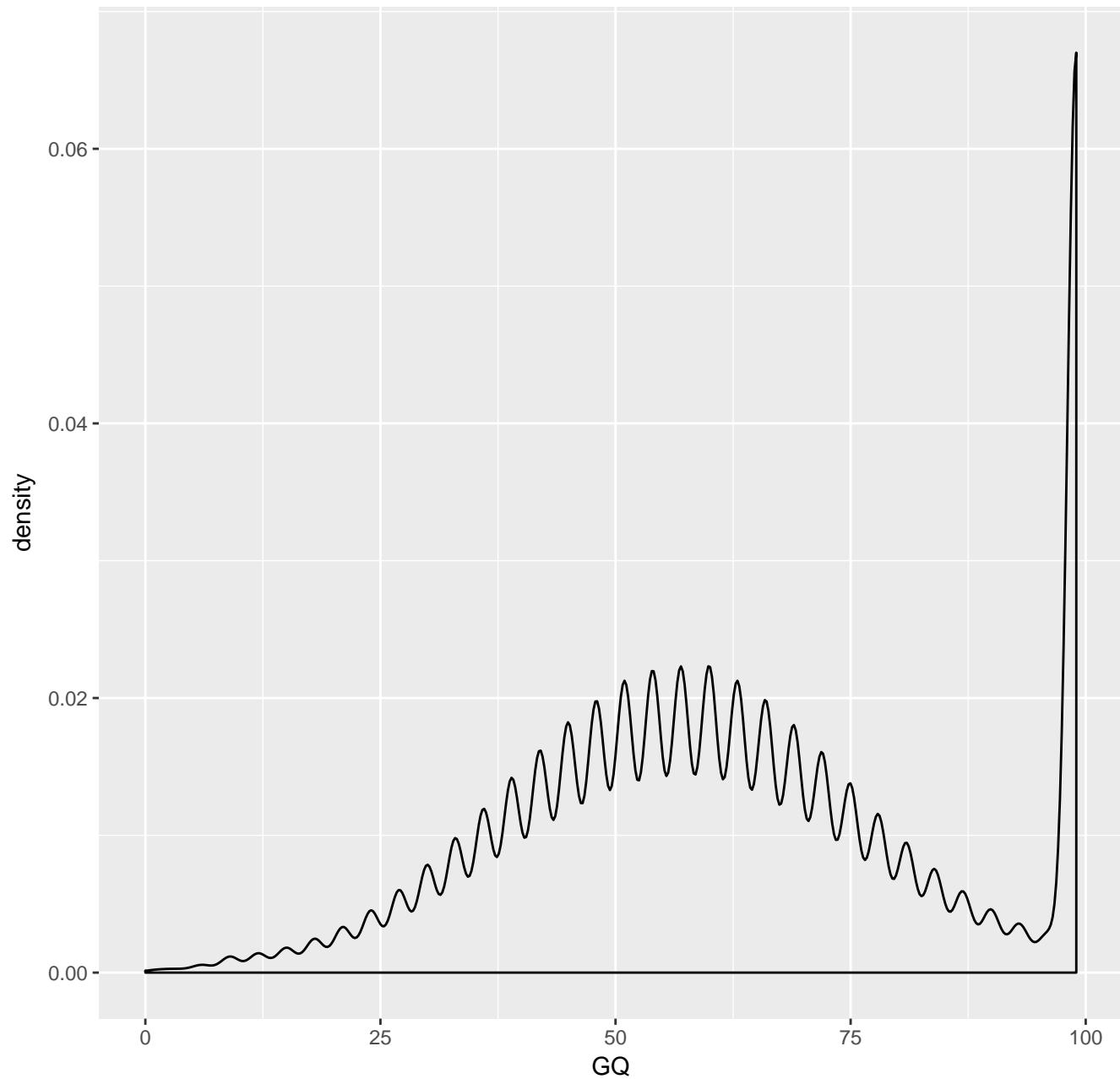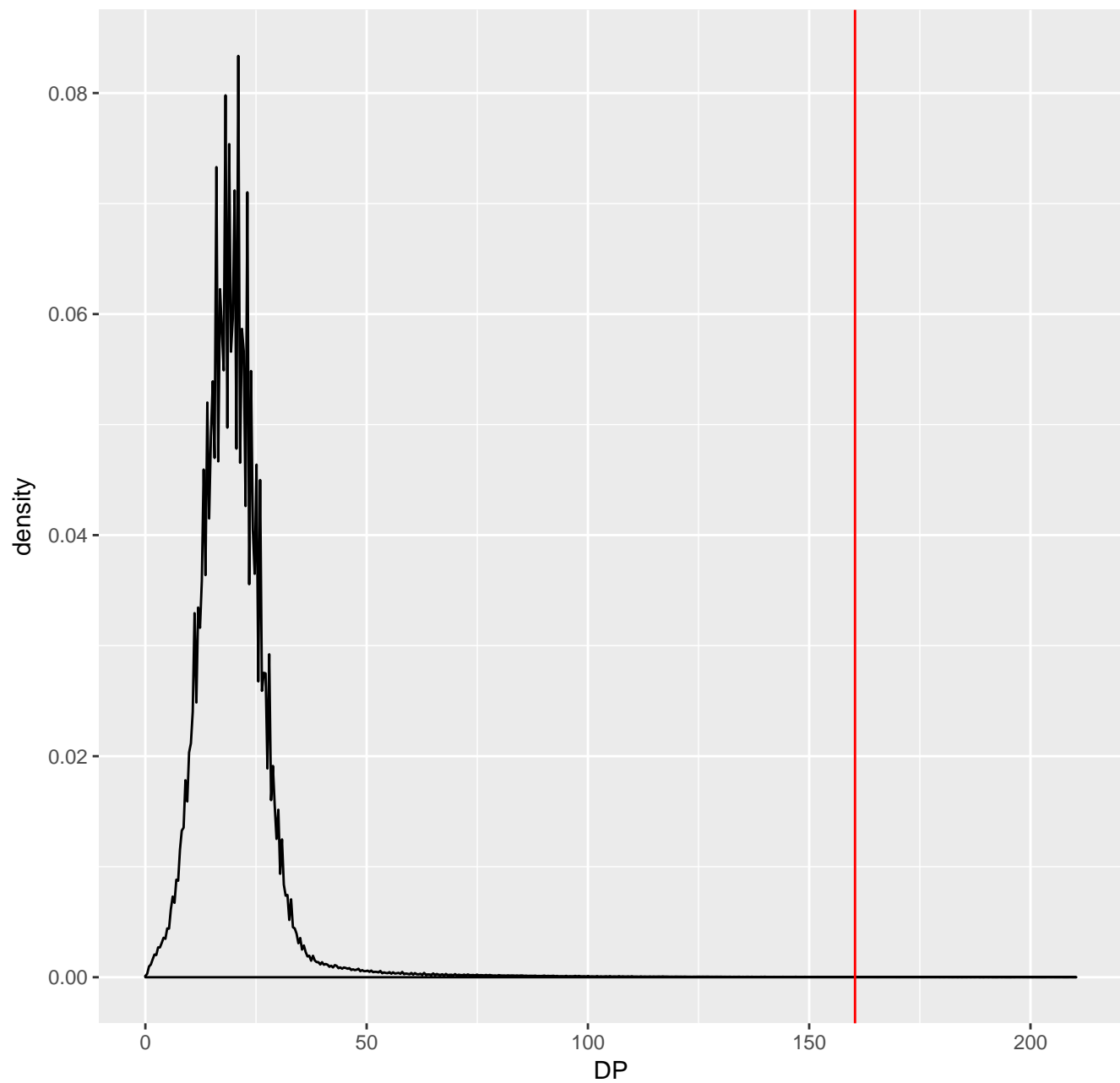
StrandOddsRatio (SOR) – Greater than 3 shows strand bias

Root Mean Square Error Mapping Quality (MQ) – Less than 40 removed

GQ– Genotype Quality

DP– Depth

Depth Statistics

	mean	SD	mean_plus_5xSD
1	21.3240532142583	27.8065069423678	160.356587926097