

Figure 1: A multi-panel plot showing the relationship between the Gene List Index (0 to 18,646) and various metrics. The top panel shows a red line representing a metric that starts high, peaks at 2580, and then generally decreases, crossing zero at 8866. The middle panel shows vertical black lines representing gene sets, with a peak at 2580 and a zero crossing at 8866. The bottom panel shows a green area representing a metric that starts high and decreases, with a peak at 2580 and a zero crossing at 8866. The x-axis is labeled 'Gene List Index' and 'Number of genes: 18646 (in list), 27 (in gene set)'.

A density plot showing the distribution of ES values. The x-axis is labeled 'ES' and ranges from -1.0 to 1.0. The y-axis is labeled 'P(ES)' and ranges from 0.0 to 2.5. A red curve represents the 'Gene Set Null Density', which is bimodal with peaks at approximately -0.3 and 0.4. A vertical black line at ES = 0.619 represents the 'Observed Gene Set ES value'. The area under the red curve to the right of this line is shaded in light red. Text labels on the x-axis indicate 'Neg. ES "NON.clus1"' for negative values and 'Pos. ES: "clus1"' for positive values. At the bottom, summary statistics are provided: ES = 0.619, NES = 1.68, Nom. p-val = 0.0107, FWER = 0.819, and FDR = 0.36.

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