

* Balance classes of directions due to coefficients close to zero are resolved with $\text{sign} = 0$

Figure 1 displays 12 horizontal bar charts, each representing a different gene set: CYT, IS, IPS, IMPRES, RohIS, chemokine, IS_Davoli, Proliferation, IFny, ExpandedImmune, T_cell_inflamed, TIDE, and MSI. Each chart plots the Area Under the Curve (AUC) for three analysis methods: Elastic_Net_all (red bars), L21_all (green bars), and L21_all_top (orange bars). The x-axis for each chart lists 100 genes. The y-axis represents the AUC, ranging from 0 to 1. The charts show that Elastic Net generally performs better than L21 across most gene sets, with L21_top often showing a significant drop in performance compared to L21_all.

Analysis  Elastic_Net_all  L21_all  L21_all_top