

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

Figure 1 displays the performance of Elastic Net and L21 regularization methods across various machine learning analyses. The y-axis represents the Area Under the Curve (AUC) score, ranging from 0 to 1. The x-axis lists 120 different machine learning analyses, grouped into 12 categories: CYT, IS, IPS, IMPRES, RohIS, chemokine, IS_Davoli, Proliferation, IFny, ExpandedImmune, T_cell_inflamed, and MSI. The legend indicates three analysis types: Elastic_Net_all (red), L21_all (green), and L21_all_top (orange). The charts show that Elastic Net generally performs better than L21 across most analyses, particularly in the 'Elastic_Net_all' category.

Analysis  Elastic_Net_all  L21_all  L21_all_top