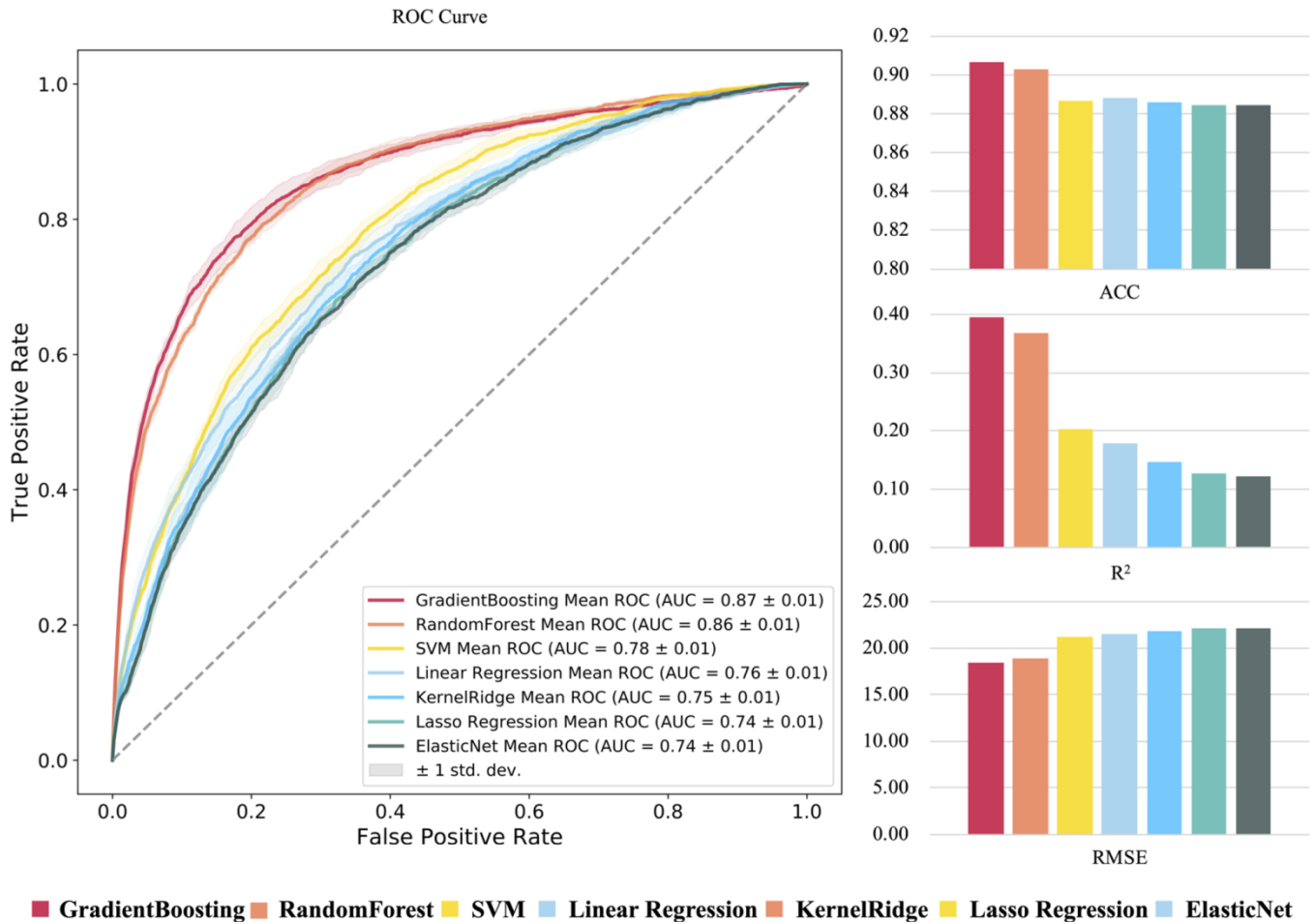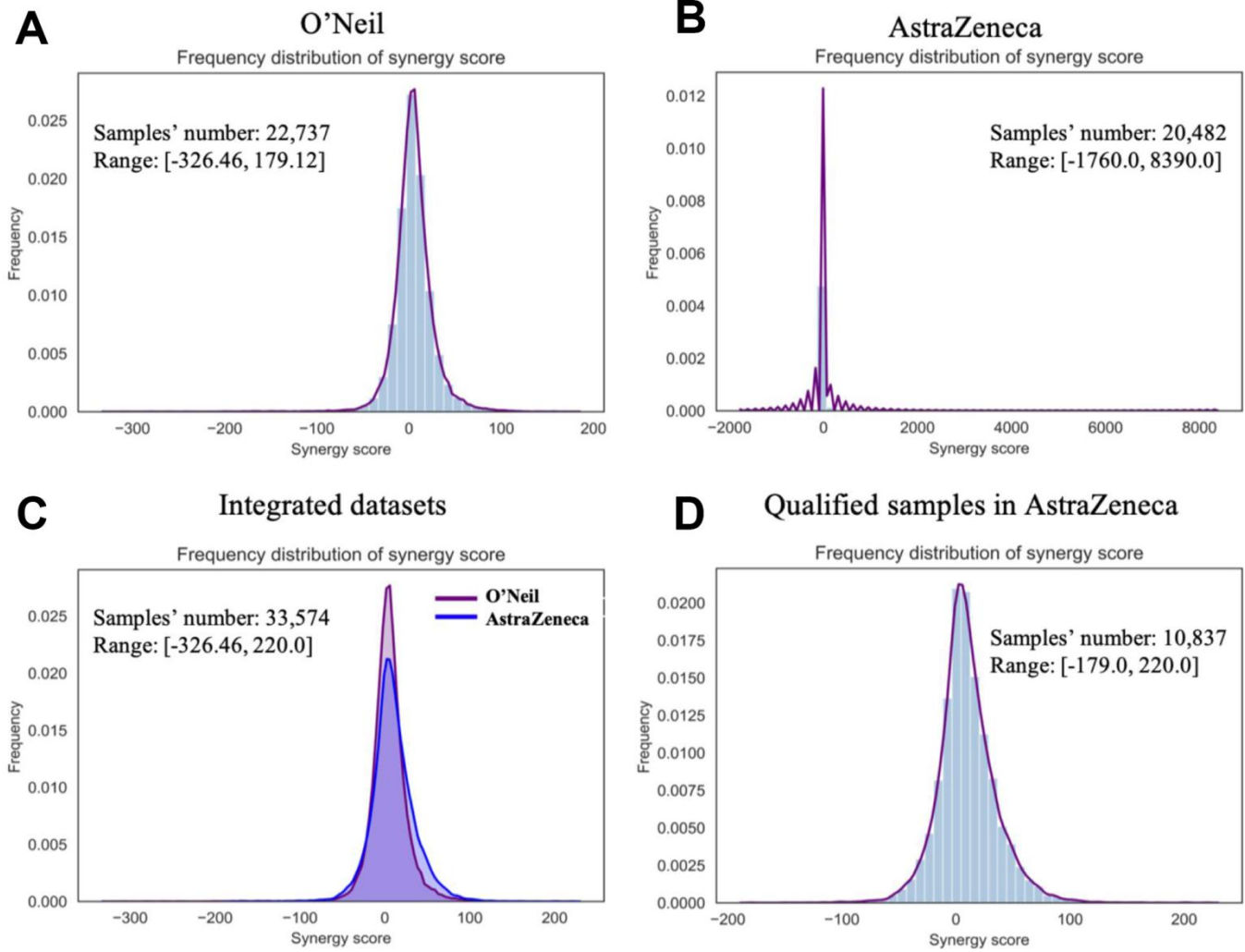Supplementary Figure 1. The performance comparison of seven models based on five-fold cross-validation on the internal training dataset.

Supplementary Figure 2. Frequency distributions of synergy scores of A&O datasets. (**A**) Frequency distribution of synergy score of O'Neil dataset; (**B**) Frequency distribution of synergy score of AstraZeneca dataset; (**C**) Frequency distribution of synergy score of A&O dataset; (**D**) Frequency distribution of synergy score of qualified samples in AstraZeneca dataset.