

Fig. S1. Evaluation of model performance before and after the addition of serum total IgE for predicting response to standard-dosed sgAH therapy. A baseline logistic regression model including gender, age at onset, disease duration, and UAS7 was used for comparison. (A) Direction of change in predicted probabilities after model enhancement, visualizing the proportion of patients whose predictions moved in the correct direction, supporting a positive continuous Net Reclassification Improvement (NRI). (B) Predicted probability distributions in responders and non-responders for the baseline and enhanced models. The enhanced model (with log-transformed IgE) showed greater separation, reflecting improved discrimination (IDI).

