

Electronic Supplementary Materials

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Feature engineering for pressure field modeling of general aircraft under multi-condition scenarios

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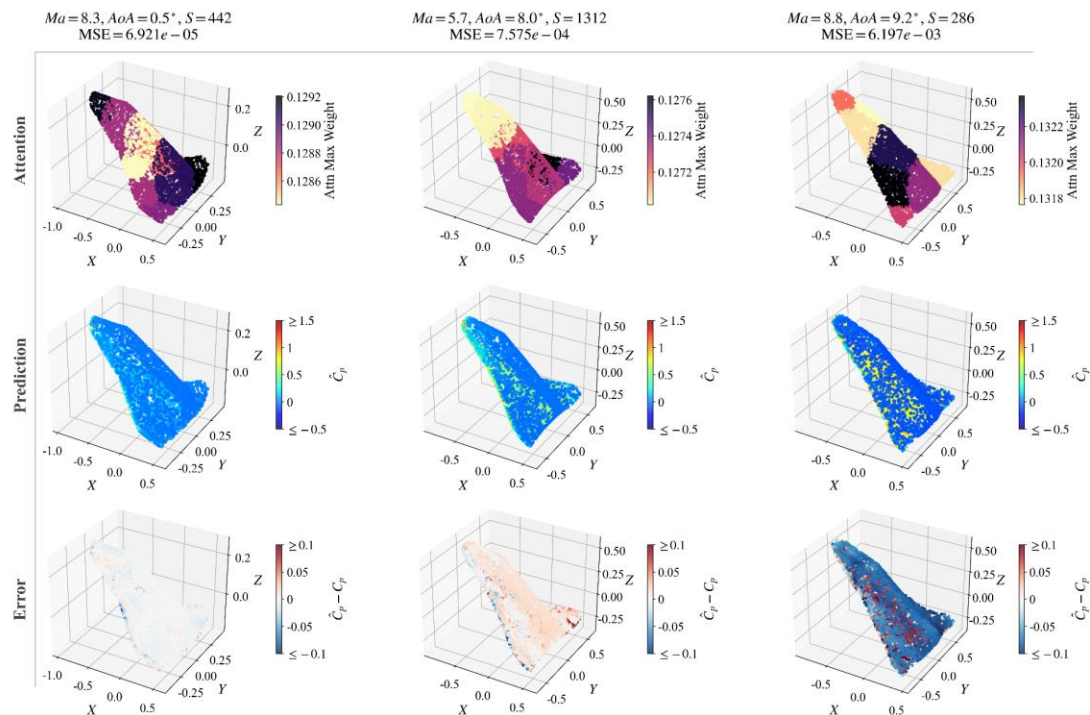


Fig. S1 The representative surface visualizations of PNR-DSA in the Limited-data scenario. The rows show the surface attention concentration, the predicted pressure coefficient $\hat{C}_p$, and the pointwise error $\hat{C}_p - C_p$, while the columns compare low-error, median-error, and high-error test samples

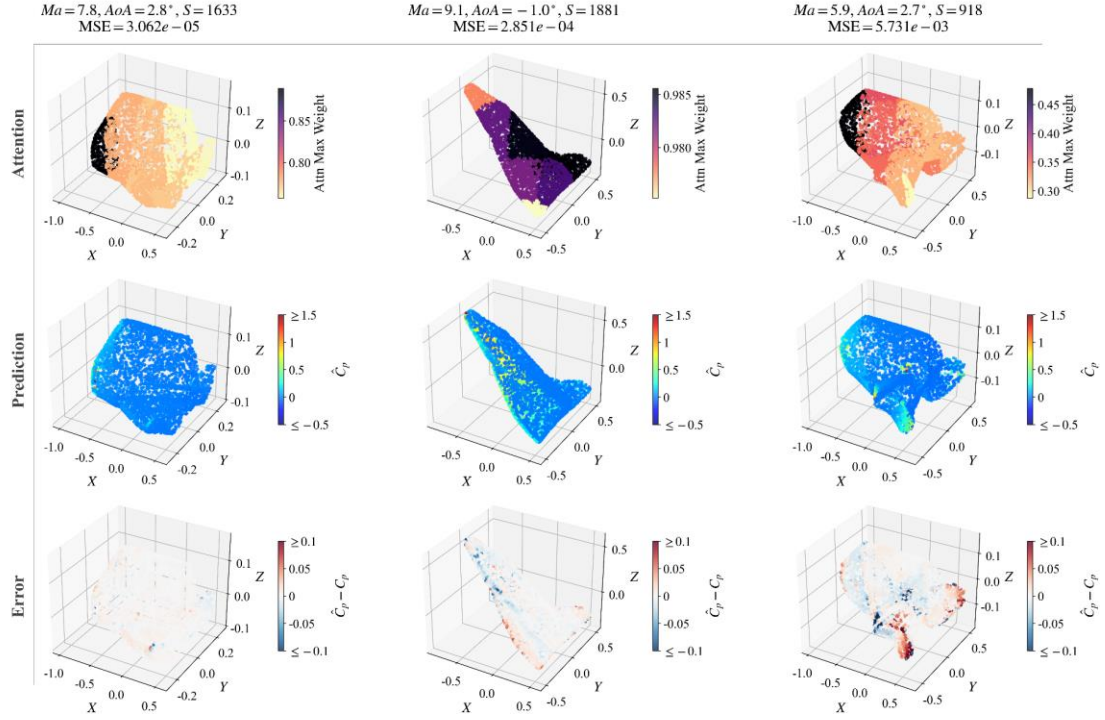


Fig. S2 The representative surface visualizations of PNR-DSA in the Moderate-data scenario. The rows show the surface attention concentration, the predicted pressure coefficient $\hat{C}_p$, and the pointwise error $\hat{C}_p - C_p$, while the columns compare low-error, median-error, and high-error test samples

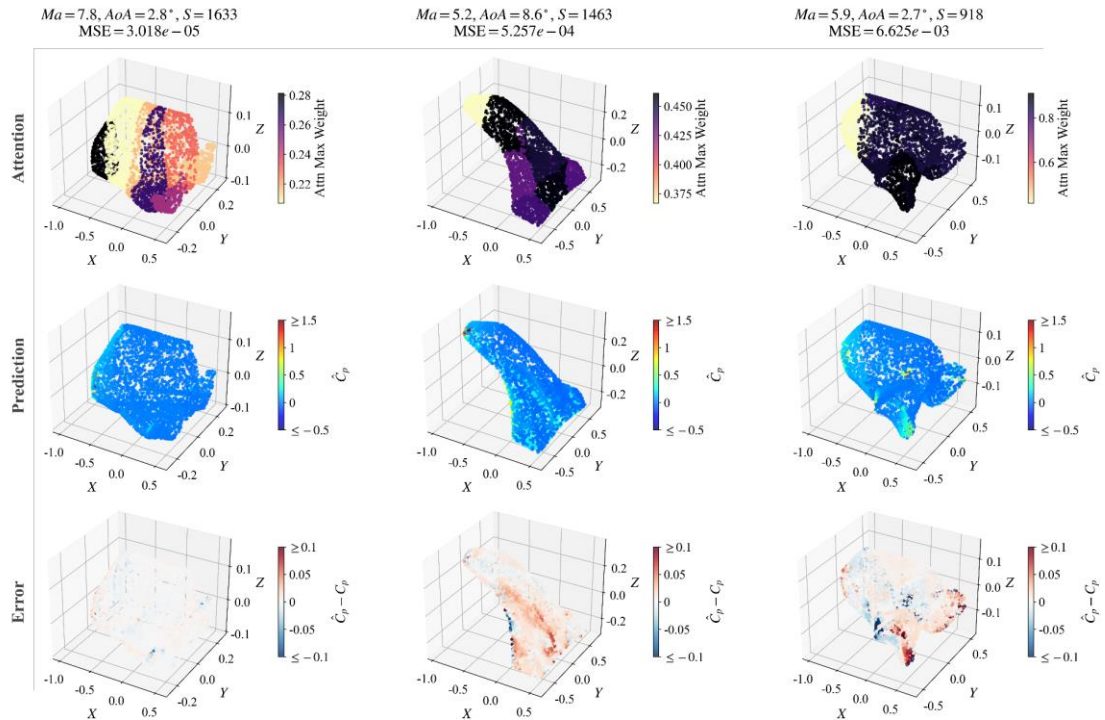


Fig. S3 The representative surface visualizations of PNR-DSA in the Full-data scenario. The rows show the surface attention concentration, the predicted pressure coefficient $\hat{C}_p$, and the pointwise error $\hat{C}_p - C_p$, while the columns compare low-error, median-error, and high-error test samples