Temporal Fusion Contrastive Learning Contextual **Gated Residual Network(GRN)** Contrastive Loss prejection head prejection head **Primary Predictive** Input Gate † Dropout Dense Contrastive Loss \boldsymbol{a} Additional Information autoregressive autoregressive model model **Static Encoder** static context static enrichment **GRN** GRN **GRN GRN** GRN **GRN** variable variable **GRN GRN** observed encoder observed encoder static variable selection augmentation #2 augmentation #1 static embedding static input input $oldsymbol{\mathcal{X}}$