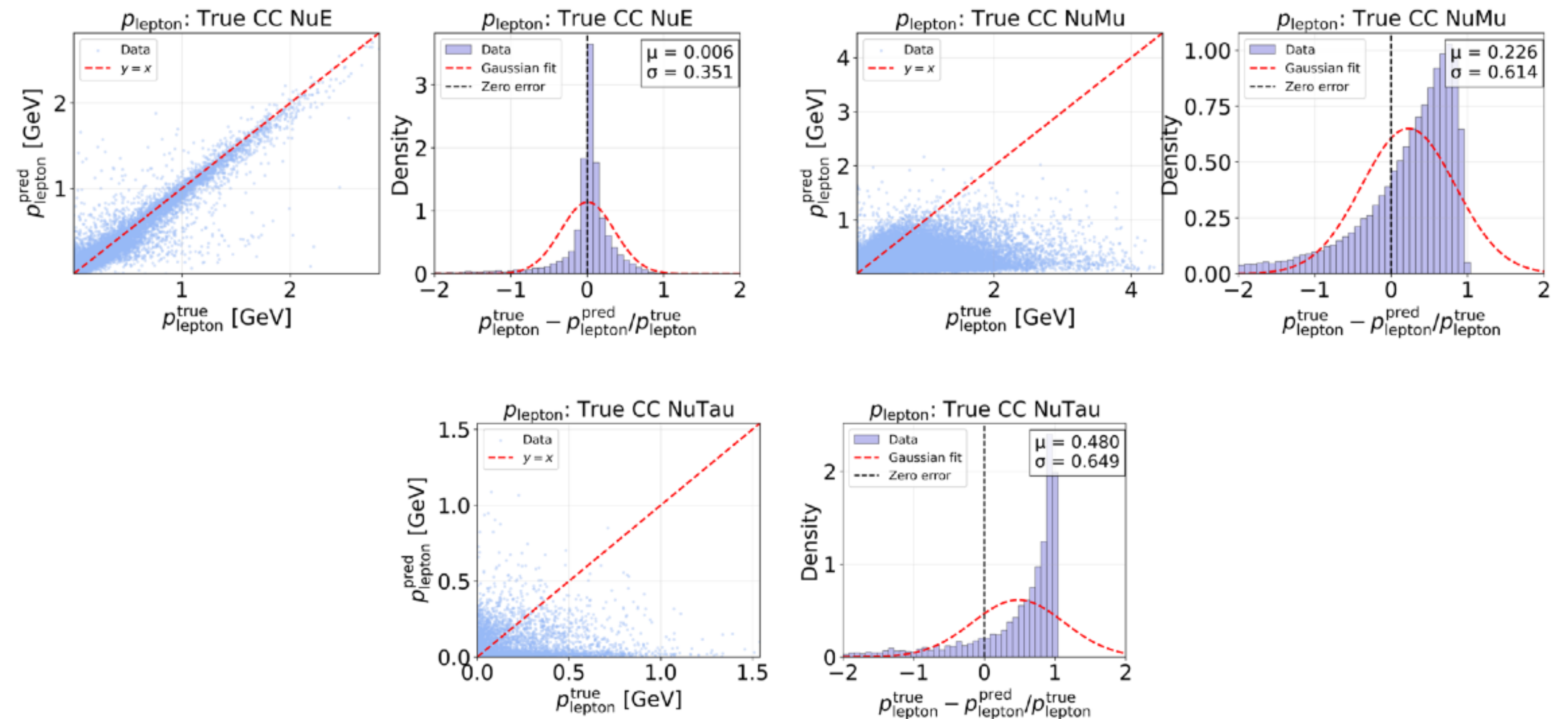


# SCNN + Transformer: Lepton Momentum Magnitude

## Regression Results

- The model successfully reconstructs the lepton and jet kinematic
  - $\nu_\tau$  **CC**: Challenge!
  - $\nu_\mu$  **CC**: Misclassification of  $\nu_\mu$  as NC biasing the distribution
- No direct info on the Primlepton is given to the model!
- Simultaneously successfully reconstructs the jet kinematics



# SCNN + Transformer: Jet Momentum Magnitude

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