



× ANN: $R^2 = 0.99$, $\text{RMSE} = 0.003 \text{ cm}^3/\text{cm}^3$, $d1 = 1.0$
 ■ DNN2: $R^2 = 0.99$, $\text{RMSE} = 0.003 \text{ cm}^3/\text{cm}^3$, $d1 = 1.0$
 + DNN3: $R^2 = 1.0$, $\text{RMSE} = 0.002 \text{ cm}^3/\text{cm}^3$, $d1 = 1.0$
 ▼ DNN4: $R^2 = 1.0$, $\text{RMSE} = 0.002 \text{ cm}^3/\text{cm}^3$, $d1 = 1.0$
 ▲ DNN5: $R^2 = 1.0$, $\text{RMSE} = 0.002 \text{ cm}^3/\text{cm}^3$, $d1 = 1.0$

● DNN6: $R^2 = 0.99$, $\text{RMSE} = 0.002 \text{ cm}^3/\text{cm}^3$, $d1 = 0.97$
 ► DNN7: $R^2 = 0.98$, $\text{RMSE} = 0.003 \text{ cm}^3/\text{cm}^3$, $d1 = 0.97$
 ◄ DNN8: $R^2 = 0.99$, $\text{RMSE} = 0.002 \text{ cm}^3/\text{cm}^3$, $d1 = 0.99$
 ◆ DNN9: $R^2 = 1.0$, $\text{RMSE} = 0.002 \text{ cm}^3/\text{cm}^3$, $d1 = 0.99$
 ○ Observed Data, N=138