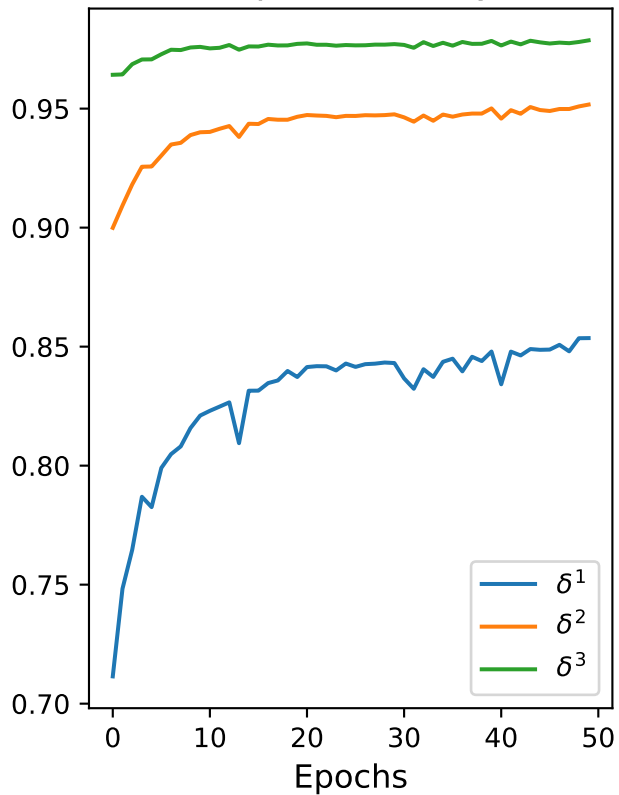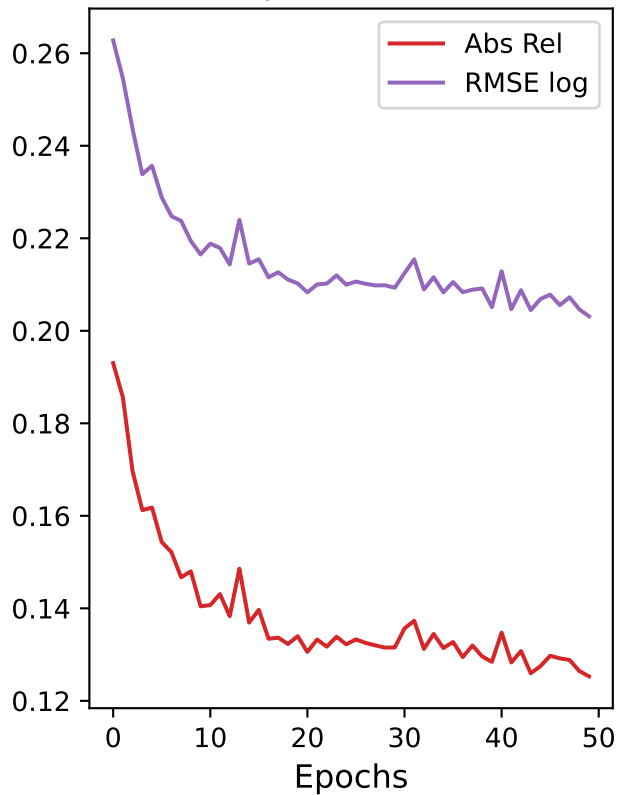Model trained with the full dataset