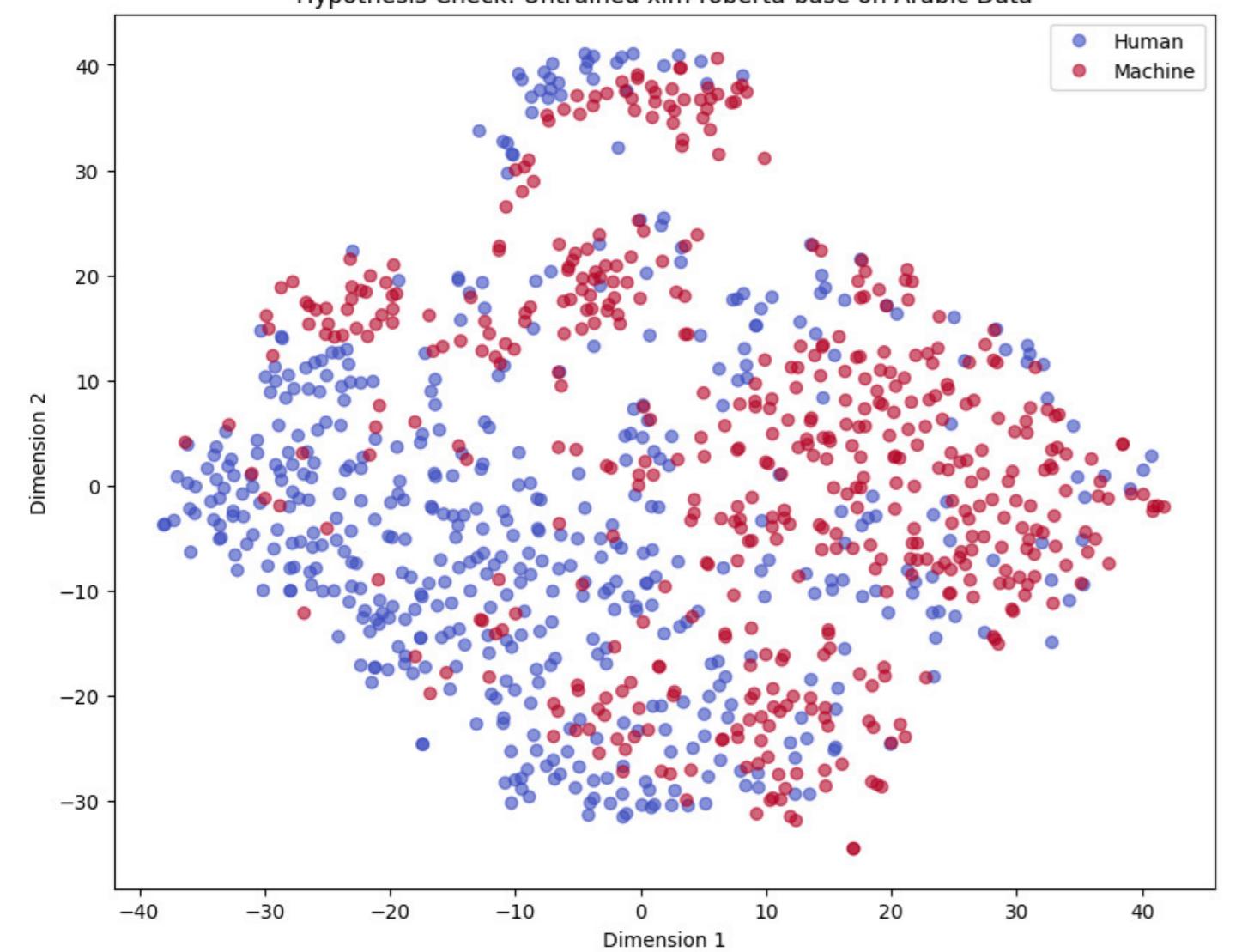
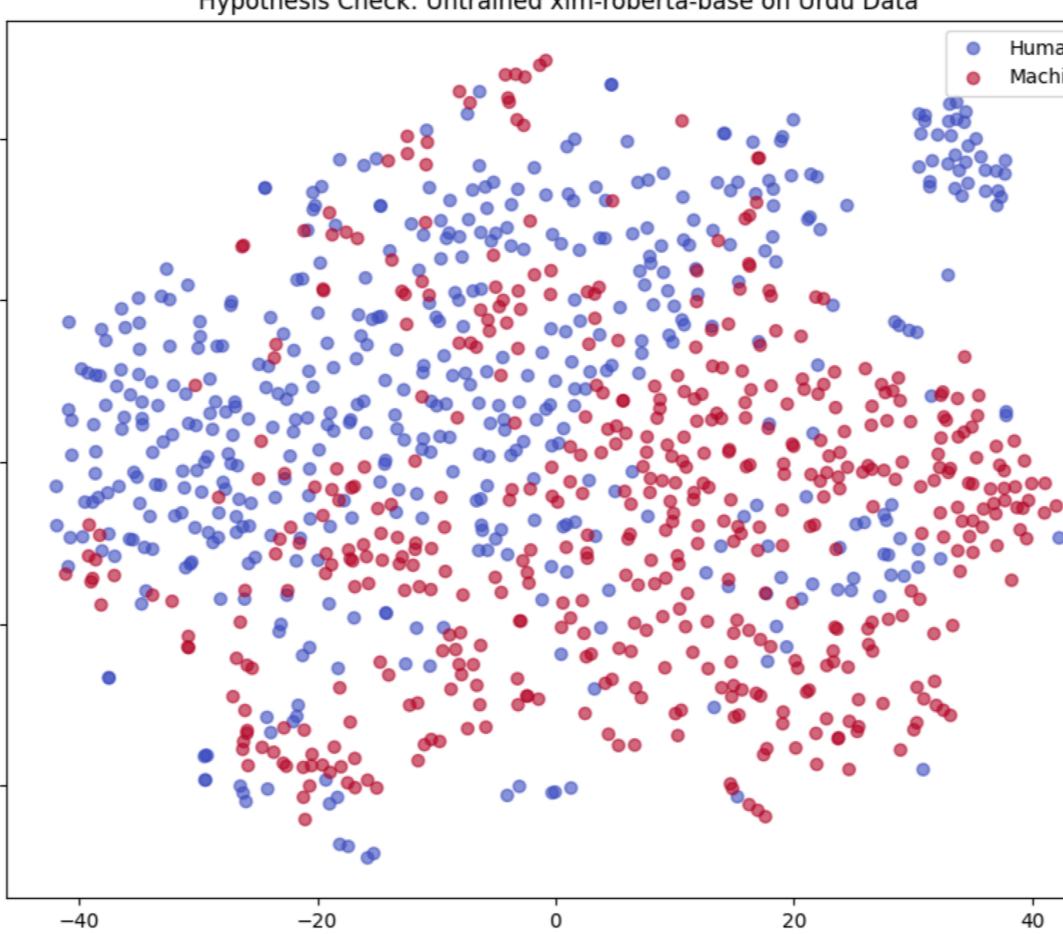


Hypothesis Check: Untrained xlm-roberta-base on Arabic Data



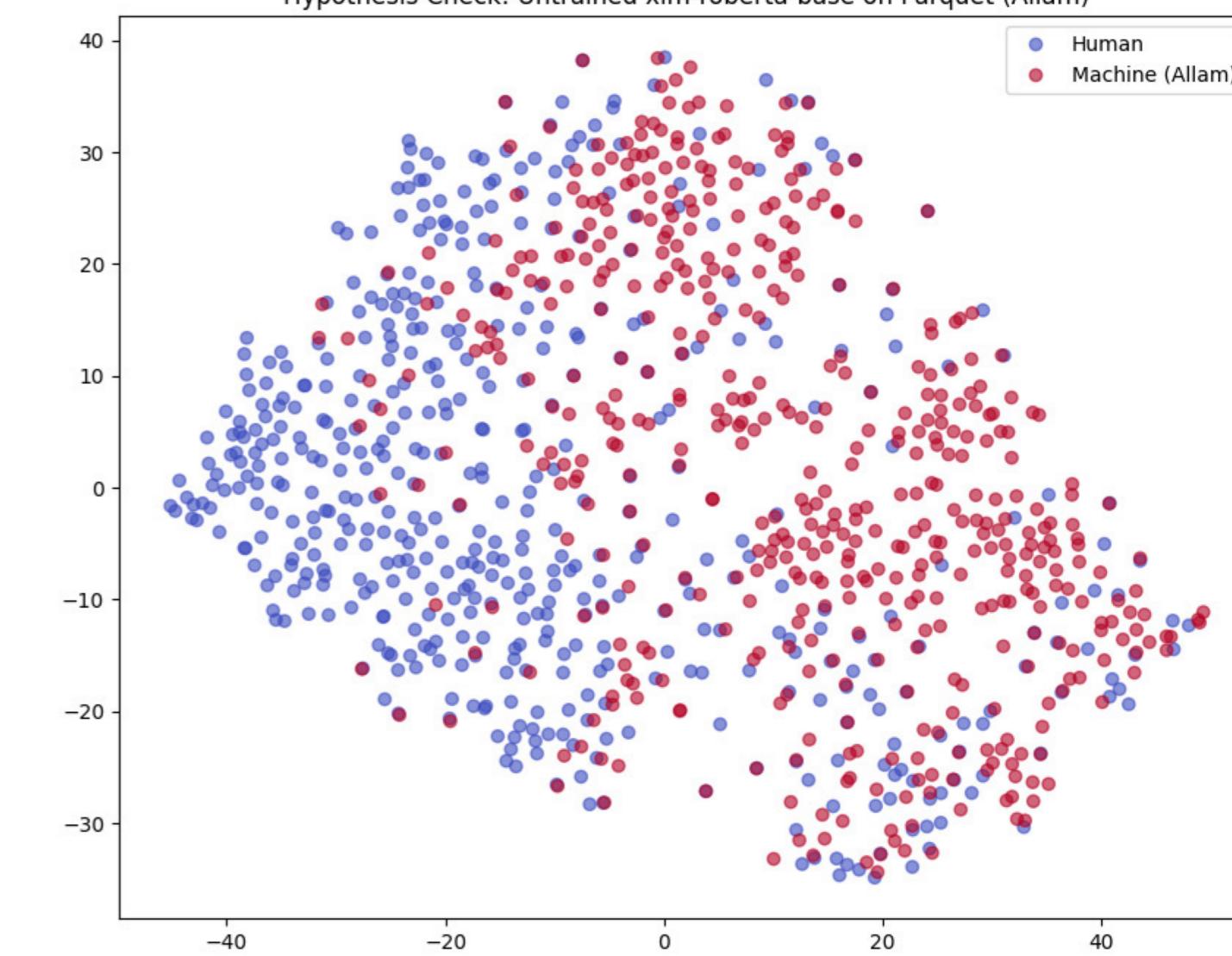
(a) Baseline: Arabic (Untrained)

Hypothesis Check: Untrained xlm-roberta-base on Urdu Data

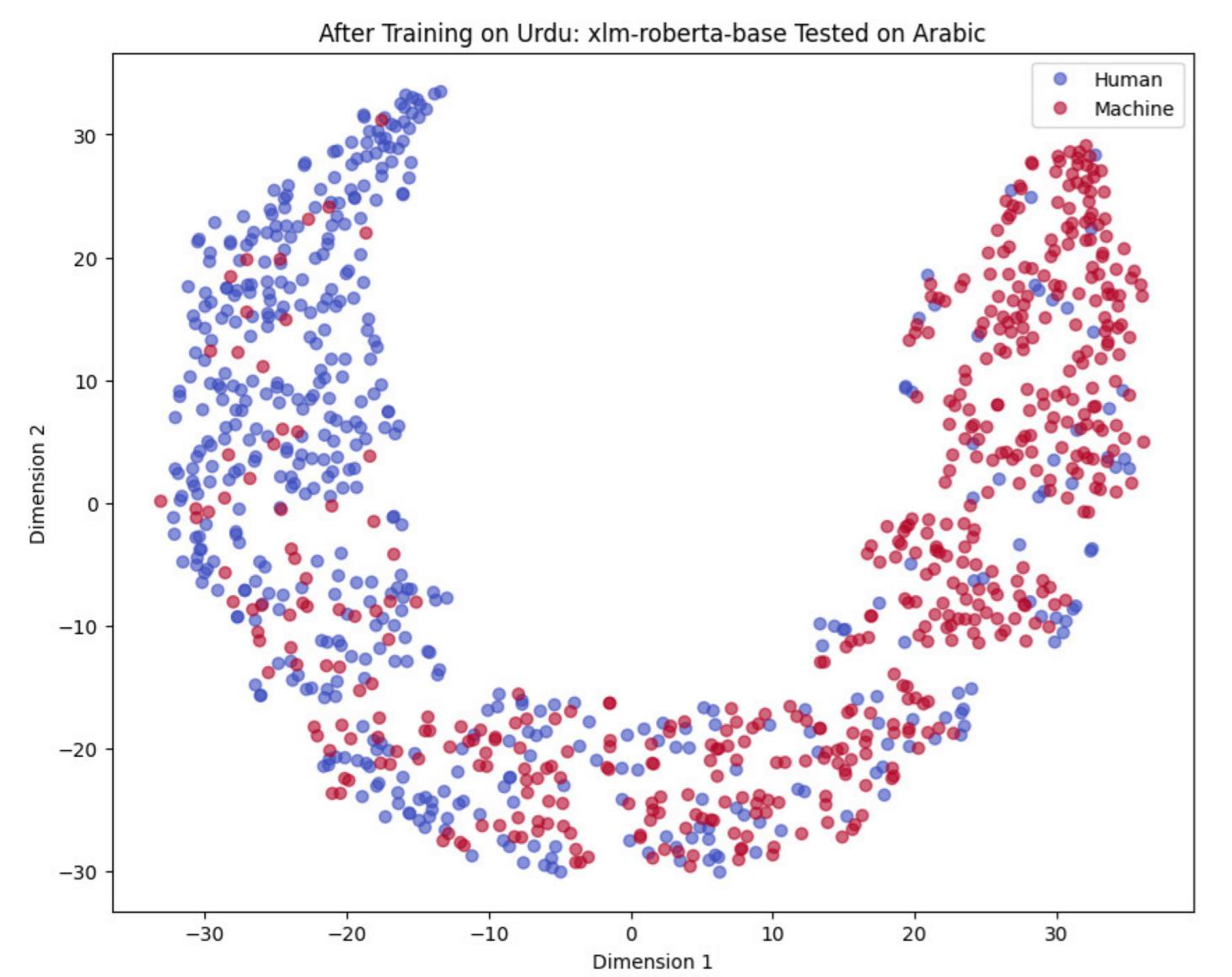


(b) Baseline: Urdu (Untrained)

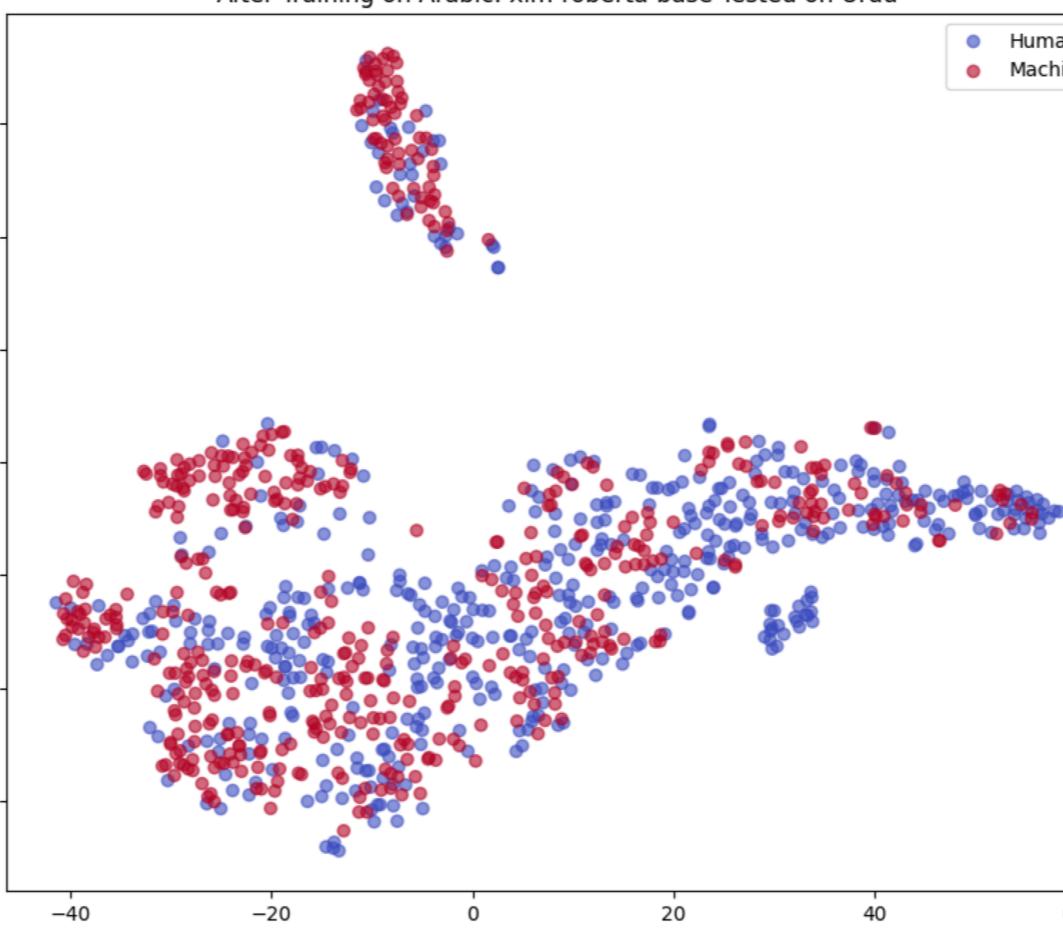
Hypothesis Check: Untrained xlm-roberta-base on Parquet (Allam)



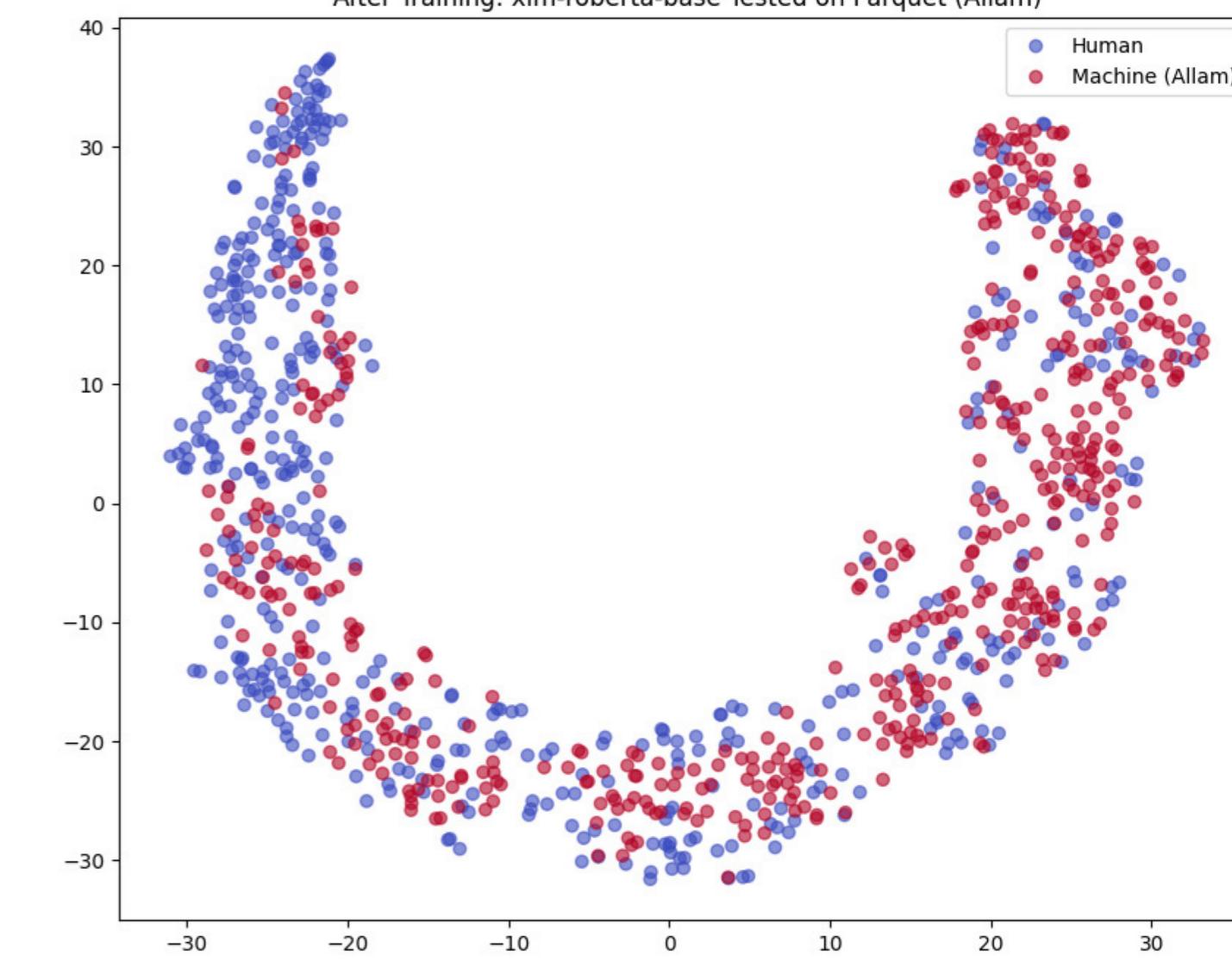
(c) Baseline: Jcrai/Allam (Untrained)



After Training on Arabic: xlm-roberta-base Tested on Urdu



After Training: xlm-roberta-base Tested on Parquet (Allam)



(d) Transfer: Urdu -> Arabic (Success)

(e) Transfer: Arabic -> Urdu (Failure)

(f) Transfer: Urdu -> Jcrai (Fuzzy Gap)