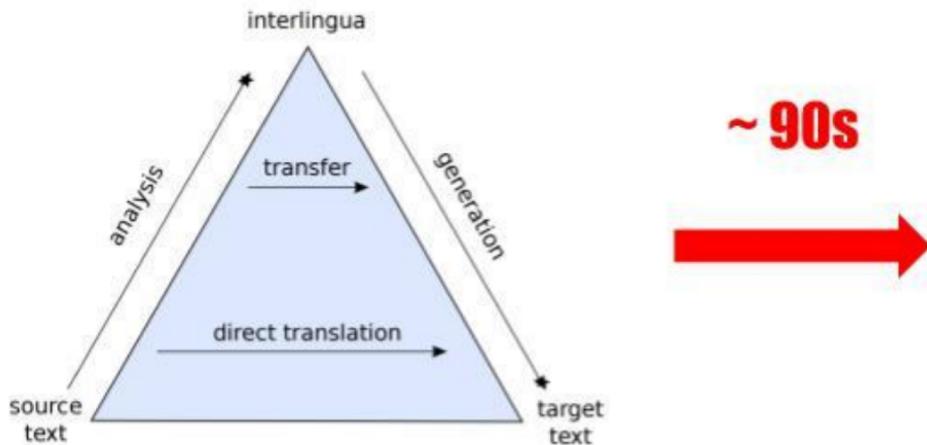


# Desiderata for NLP Models

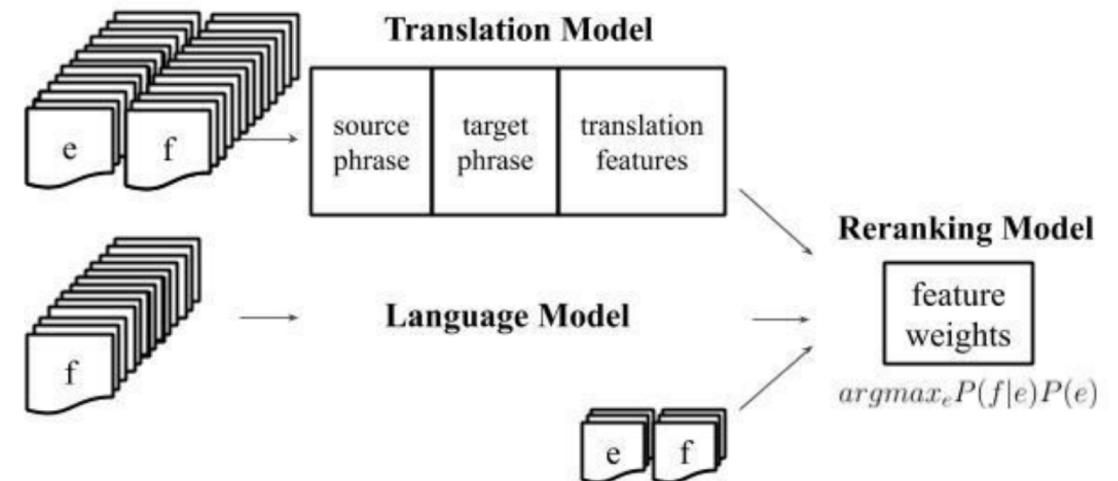
- Sensitivity to a wide range of phenomena and constraints in human language
- Generality across languages, modalities, genres, styles
- Strong formal guarantees (e.g., convergence, statistical efficiency, consistency)
- High accuracy when judged against expert annotations or test data
- Ethical

# Symbolic and Probabilistic NLP

## Logic-based/Rule-based NLP



## Statistical NLP



# Probabilistic and Connectionist NLP

