The Mathematics Of Statistical Machine Translation: Parameter Estimation transfer alignment bilingual chinese 7.0 -6.9 -8.0 -6.5 -6.0 -6.8 -7.5 -6.0 -6.7 -7.0 -5.5 -5.5 -6.6 -6.5 -5.0 -5.0 -6.5 -6.0 -4.5 align correspondence unknown zero 6.2 -6.0 -6.0 -5.0 -5.8 -6.0 -4.8 -5.6 -5.5 -5.8 -4.6 -5.4 -4.4 -5.6 -5.2 -5.0 -4.2 -5.0 -5.4 -Fog brobability 4.0 -4.8 -5.2 -4.6 -3.8 equation auxiliary threshold brown 4.8 -4.6 -4.8 4.6 -4.4 -4.6 4.4 -4.2 -4.4 -4.0 -4.6 -4.2 -4.2 -3.8 -4.0 -4.4 -4.0 -3.6 -3.8 -4.2 transform omit church spanish 4.4 -4.6 -4.2 -4.5 -4.2 -4.0 -4.4 -4.2 -4.3 -3.8 -4.0 -4.2 -4.0 -3.6 -4.1 -3.8 3.4 -3.8 -4.0 -1980 1986 1980 1986 1980 1986 1980 1986 1998 1992 1992 1972 1992 1992 1998 1998

Year