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of Issues | Volume 28 , No. 1 | The DOP
Estimation Method Is Biased and
Inconsistent



The DOP Estimation Method Is Biased and Inconsistent

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Abstract **Authors**

A data-oriented parsing or DOP model for statistical parsing associates fragments of linguistic representations with numerical weights, where these weights are estimated by normalizing the empirical frequency of each fragment in a training corpus (see Bod [1998] and references cited therein). This note observes that this estimation method is biased and inconsistent that is, the estimated distribution does not in general converge on the true as the size of the training corpus increases.

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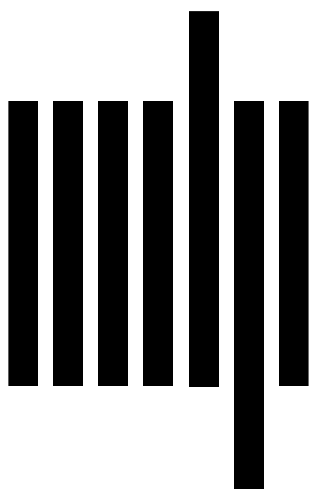
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