Input sentence: The characters didn't seem to fit very well with the book. Stage 3. S (seem) Stage 1. Parse **Extract Subtrees with** NP (characters) VP(seem) **Lexical Heads** VΒ NNS VBD RB S(seem) ŔΒ NNS RB PRP\$ **VB** characters did n't The VΒ VP (fit) very RB NN VΒ my seem TO VΒ VP TO to ADVP(well) PP(with) VΒ VB ADVP VB ADVP NP(book) RB RB RB RB RB with DŤ RB RB with S(seem) book NN NN the NP(characters) VP(seem) A collection of subtrees with lexical heads of the input sentence. NNS **VBD** S(seem) The lexical heads are positions that can be syntactically augmented. The characters did n't VΒ seem VP(fit) **Stage 4. Augment Syntactic Trees** PP(with) VP (fit) ADVP (well) NP (book) VΡ with RB RB VB **ADVP** VΒ very well the book S VB VΒ RB RB TO to Two plausible trees that are above the pre-set probabilistic threshold. VΒ very RB **ADVP** VΒ PRP\$ **NNS** RB VΒ PRP\$ NNS NN my NN verv my Stage 2. VΡ **Get More Trees from Other** S (meet) VP **Intra-Class Samples** VP(meet) NP(movie) VB ADVP VB ADVP VBD ΝN RB S (meet) VP RB RB IN RB RB IN did NP(expectations) movie not VB VΒ VB RB RB very with with verv DT NN meet PRP\$ NNS VΒ VΒ PRP\$ **NNS** RB NN the expectations NN RB mу Crawl additional plausible parse trees from other sentences A combination of subtrees with similar lexical heads in terms of phrase structure. in the same class. NN **VB RB** Stage 5. Augment Synonyms well fit character expectation book movie meet seem suit agree good easily considerably get together role outlook record film look accommodate substantially intimately theatrcial role fit fulfill prospect picture script appear match anticipation satisfy persona advantageously comfortably correspond Words with the same POS tags go to the same category. Words are augmented using WordNet.

Augmented sentences:

The roles didn't agree to suit very easily with the film.

The scripts didn't get together very comfortably with the outlook.

The anticipations didn't match very intimately.

The records didn't look very good.

The pictures didn't appear very considerably.
The outlooks didn't correspond very substantially.
The prospects didn't satisfy very advantageously.

• • (and more)