Stage 1: Aspect Candidates Extraction Document It's a great zoom lens, but it's too much of a risk for me for that much money. autofocus, a noisy shutter and cheap lens cover.

- The only issues that I have with the camera is somewhat slower
- **Raw Corpus**



Phrase Mining

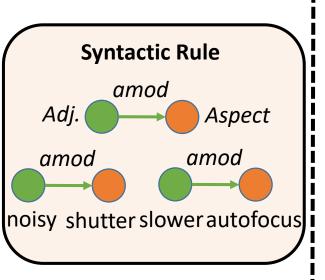
zoom lens

Aspect Candidates





lens cover noisy shutter great_zoom_lens cheap lens



Stage 3: Aspect Ranking Stage 2: Aspect Taxonomy Construction Aspect Graph & Random Walk (Personalized Page Rank) **Step 1: WordNet Noun Synset Matching** device.n.01 Cluster optical device.n.01 0.66 Aspect lens Context Candidates lens.n.01 Teleport shutter.n.01 lens_cover shutter.n.02 for Clustering zoom_lens shutter exposure telephoto shutter.n.01 shutter shutter lens.n.01 zoom lens **Stage 4: Aspect Generation Step 2: Aspect Taxonomy Extraction from WordNet Aspect Taxonomy** Top-K Aspects device.n.01 Remove Taxonomy optical_device.n.01 **Overlapping** lens.n.01 shutter.n.01 lens **Deduplication** telephoto_lens shutter lens telephoto shutter lens.n.01 Final Aspects

zoom lens