Spatial Summarization of Image Collections

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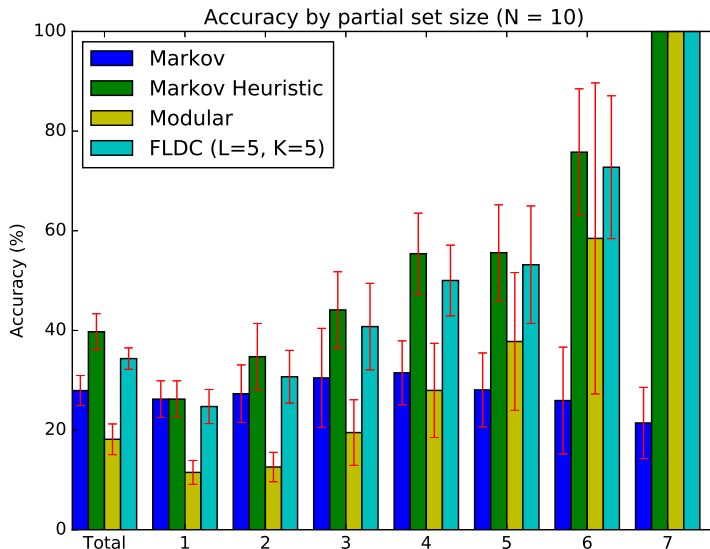
Outline

1. Analysis of the evaluation

Strict evaluation for Markov model

- The test set is generated ensuring that the last element is the element before the one that was removed from the set.
- Previously the order was not preserved and the ranking from the model was obtained summing the transition probabilities starting from each element in the partial set.
- This is the evaluation for the Markov model from now on.

Model (N = 10)	Accuracy	MMR
Markov	27.93 ± 3.02	51.03 ± 1.86
Markov (prev.)	32.07 ± 2.69	52.40 ± 1.76
Markov with heuristic	39.74 ± 3.62	60.64 ± 1.98
Markov with heuristic (prev.)	36.50 ± 3.10	57.91 ± 1.89

Evaluation over different partial set sizes

Accuracy by partial set size (N = 10)

Accuracy by partial set size (N = 50)