## Random Abstract Cell Complexes

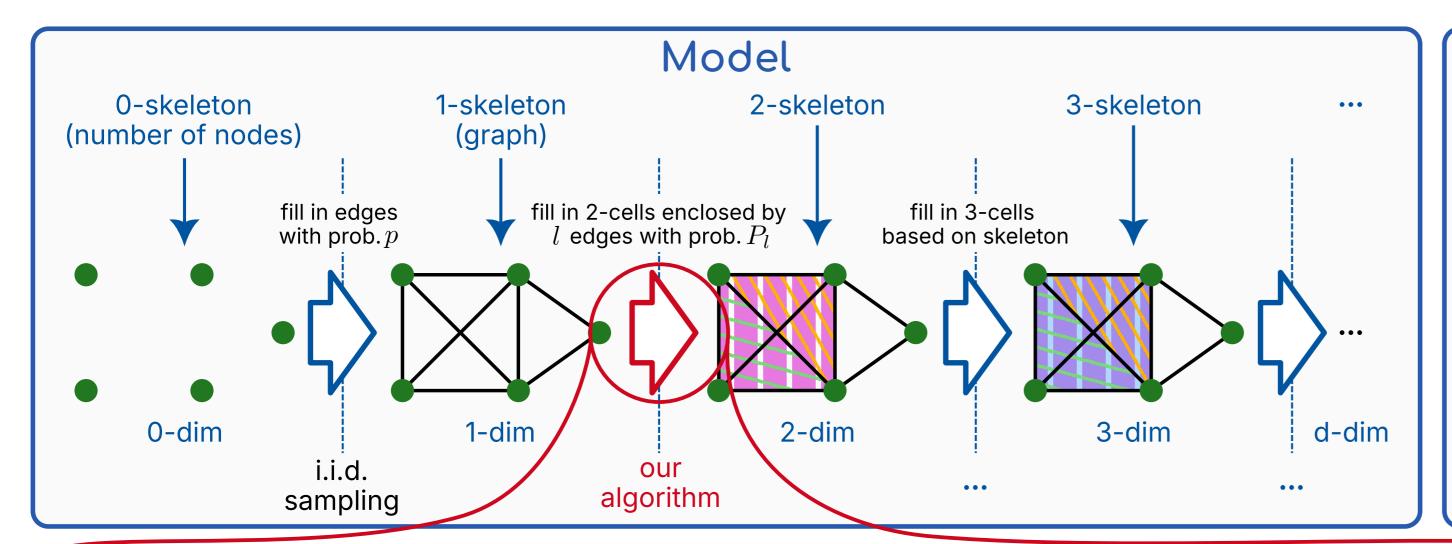
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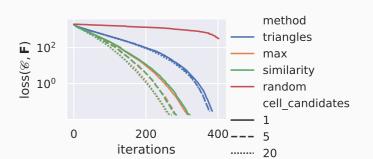






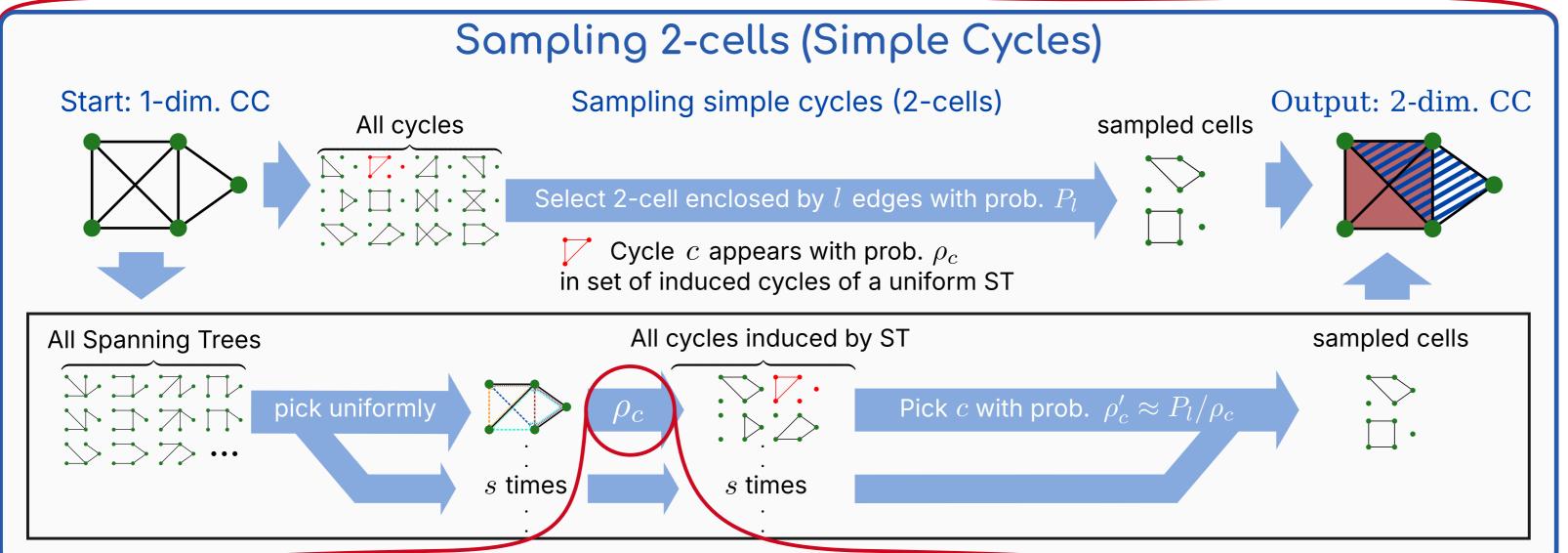


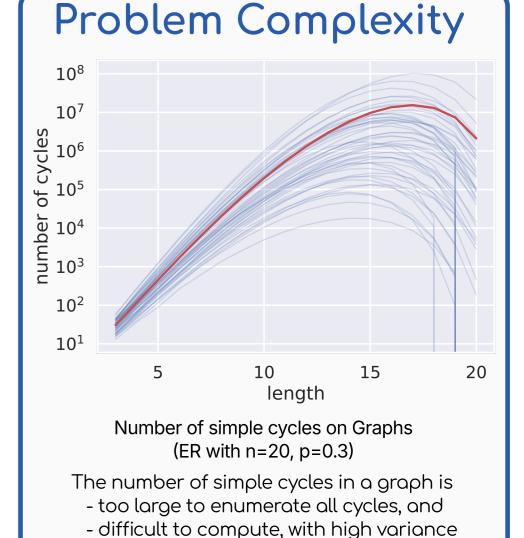
- Synthetic Data for Benchmarking
- Null Model to compare Results to
- Isolate existence of structure from specific structure for Ablation Studies

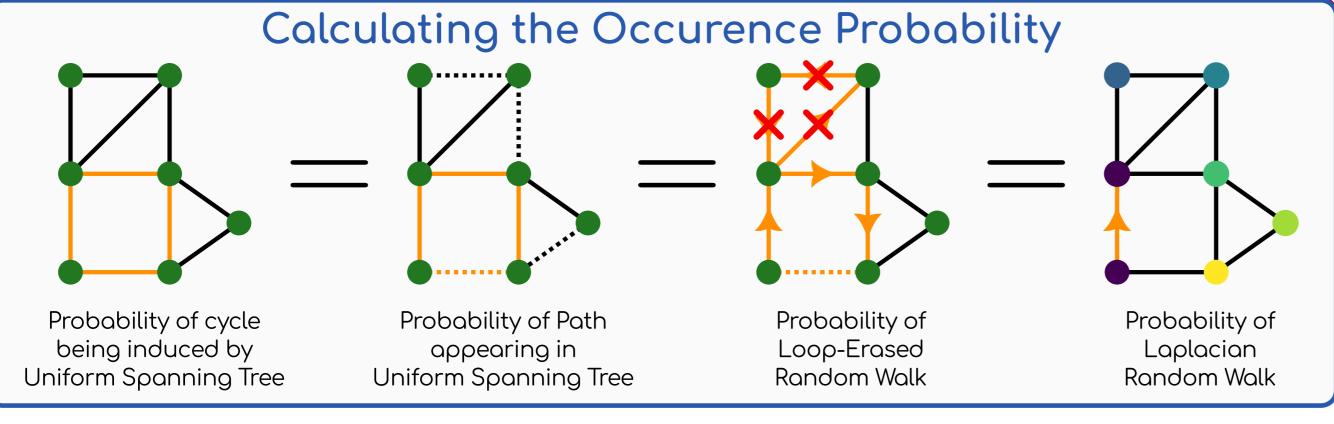


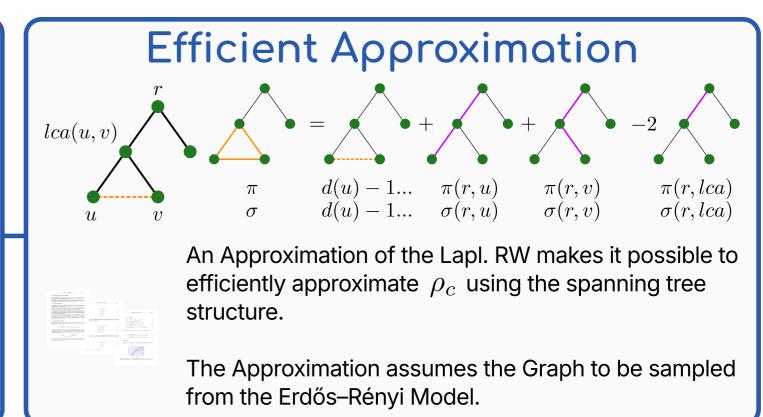
The Approach from [2] significantly outperforms random cells on NYC Taxi Trips [3].

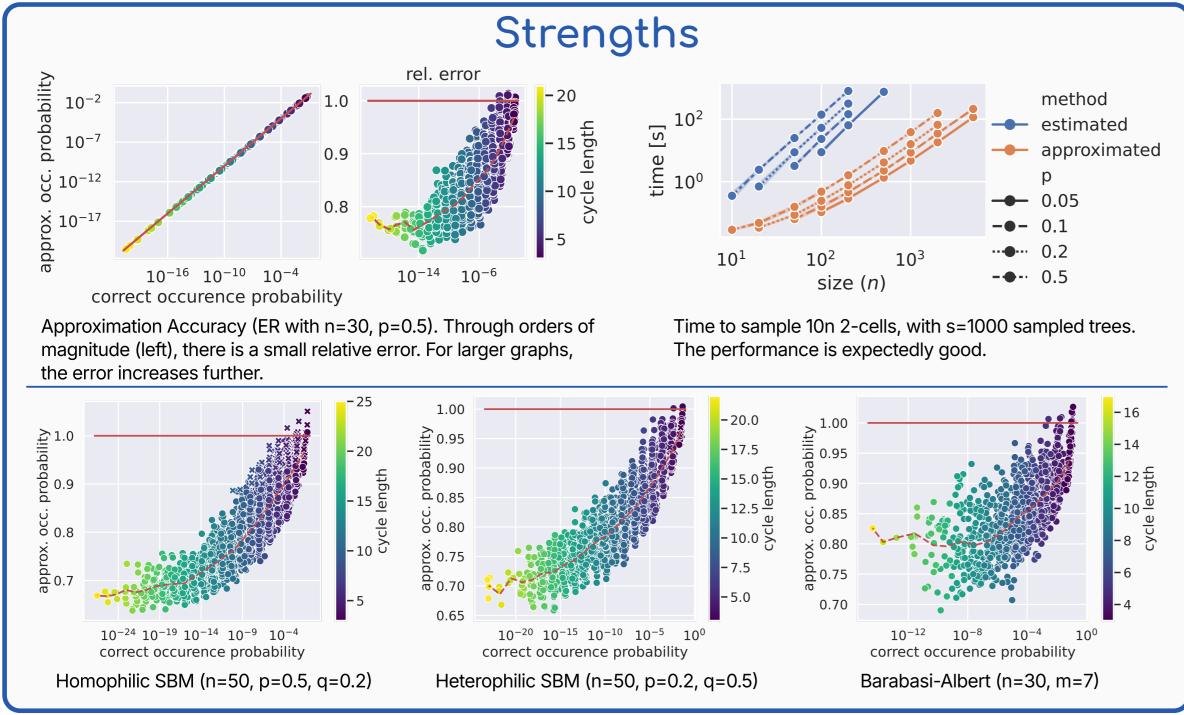
For Methods using CCs, such as CWNs [4], we can investigate the contribution of the specific cells by substituting with random cells.

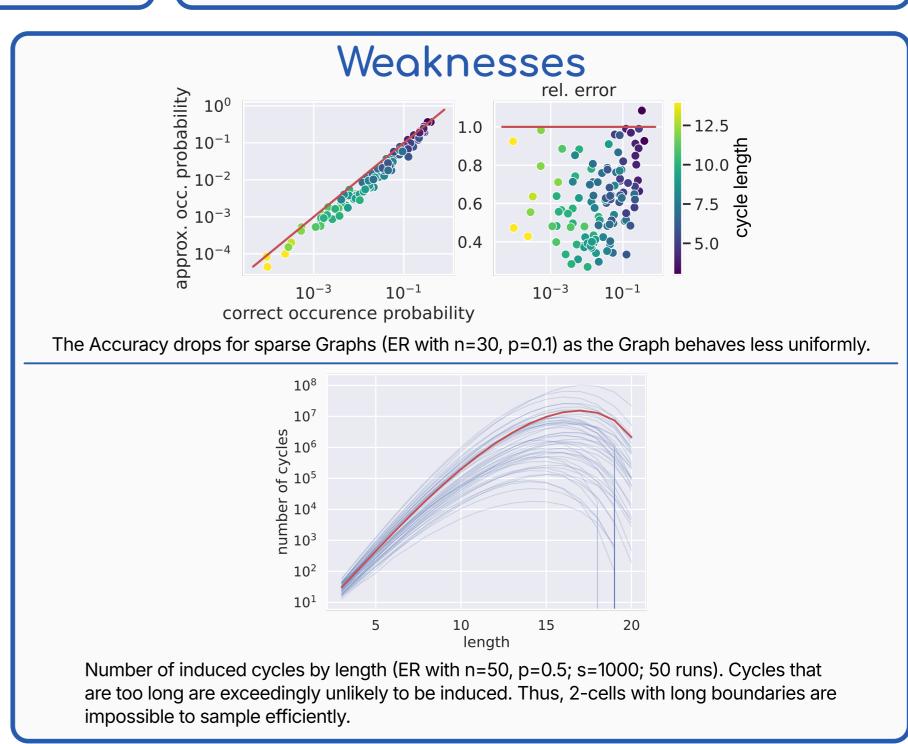


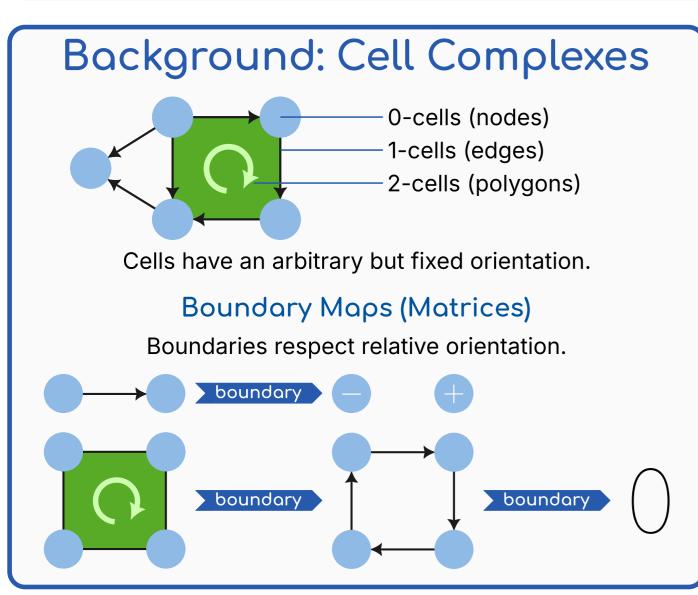


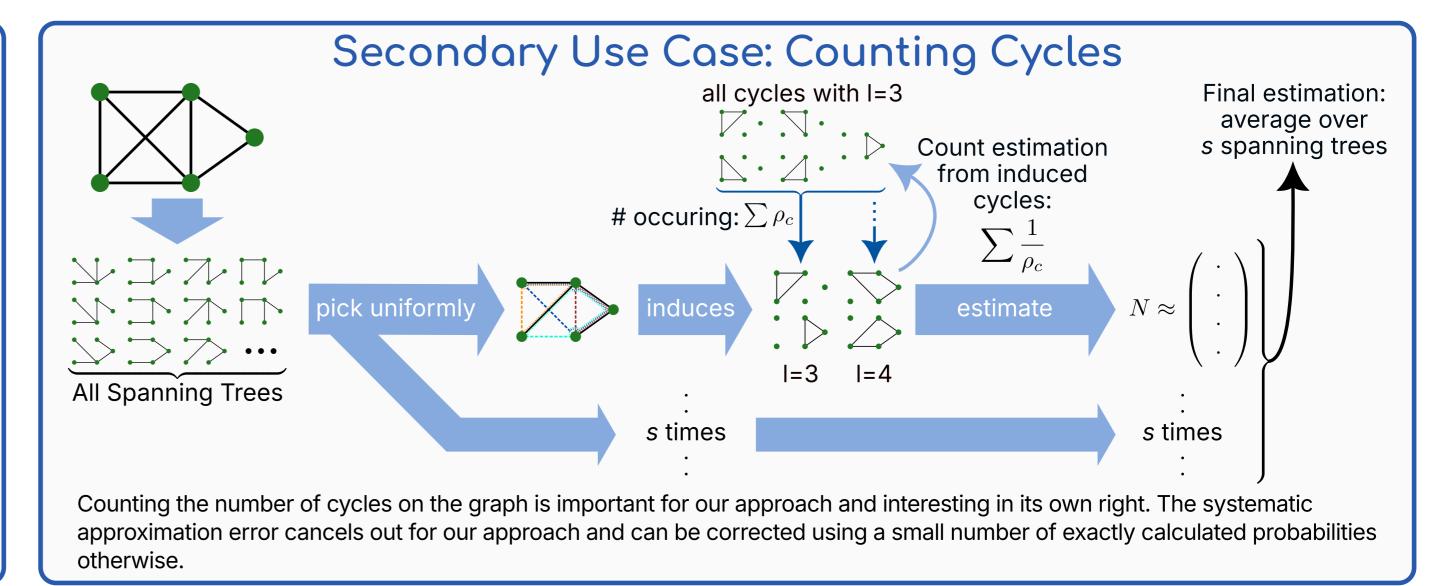


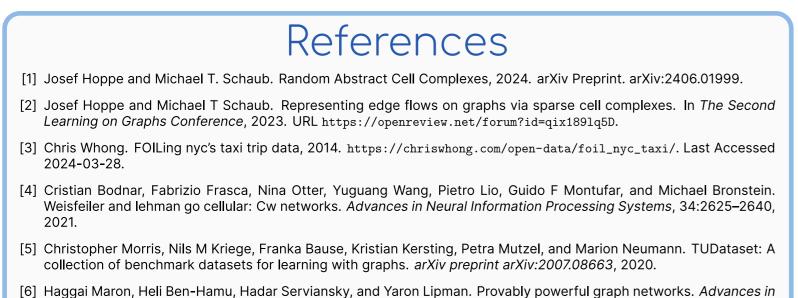












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