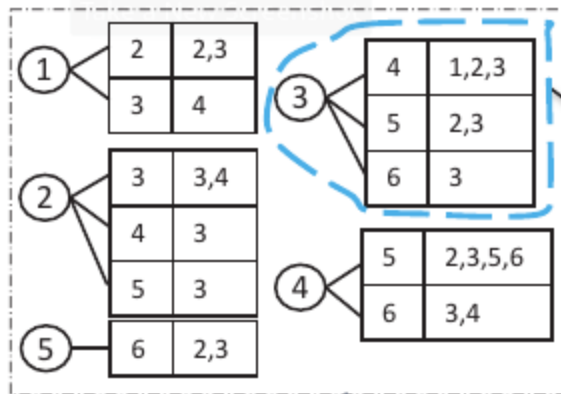
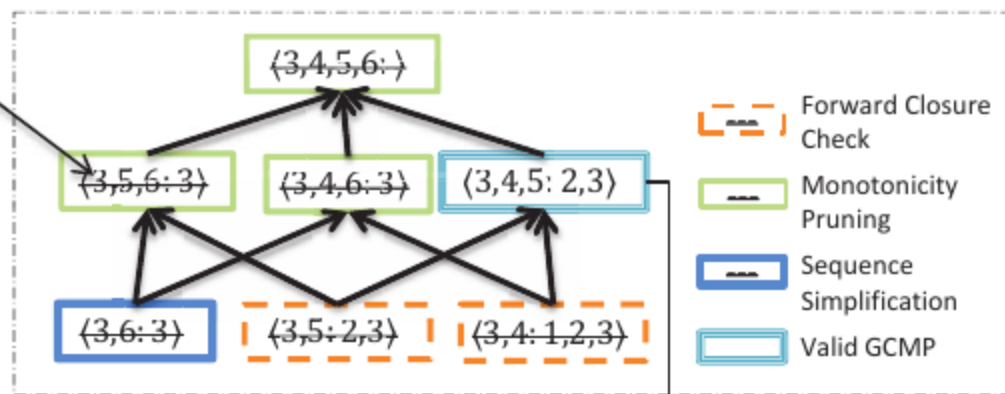


(a) Aggregated Graph



(b) Star Partitioning



(c) Apriori Enumerator

- Forward Closure Check
- Monotonicity Pruning
- Sequence Simplification
- Valid GCMP

Snapshot Clusters

Map

Reduce

Star Partitioning and Apriori Enumerator

Pattern Set

o_3, o_4, o_5

o_5, o_6, o_7

...