```
                                                    ┌─────────────────────────┐
                                                    │ Stochastic Backtracking │
                                                    │ of Structures from Distance │
                                                    │ Based Partitioning      │
                                                    └─────────────────────────┘
                                                            ↘
┌──────────────────┐     ┌────────────────────────┐     ┌─────────────────────────┐
│ Classified Dynamic │ ←── │ Distance based partitioning │ ←── │ Calculate Partition     │
│ Programming      │     │ of the Secondary Structure Space │     │ Functions of a Distance │
└──────────────────┘     └────────────────────────┘     │ Based Partitioning      │
                                                         └─────────────────────────┘
                                                            ↗
                                                    ┌───────────────────────────┐
                                                    │ Calculating MFE representatives │
                                                    │ of a Distance Based Partitioning │
                                                    └───────────────────────────┘
```

Classified Dynamic Programming

Distance based partitioning of the Secondary Structure Space

Stochastic Backtracking of Structures from Distance Based Partitioning

Calculate Partition Functions of a Distance Based Partitioning

Calculating MFE representatives of a Distance Based Partitioning