```
┌─────────────────────────────────┐
│ Distance based partitioning     │
│  of the Secondary Structure Space│
└─────────────────────────────────┘
                          ┌──────────────────────────┐
                          │ Stochastic Backtracking  │
                          │ of Structures from Distance│
                          │   Based Partitioning     │
┌─────────────────────┐   └──────────────────────────┘
│ Stochastic backtracking│
│   in the Ensemble   │
└─────────────────────┘
```

Distance based partitioning of the Secondary Structure Space

Stochastic Backtracking of Structures from Distance Based Partitioning

Stochastic backtracking in the Ensemble