

Simple Tree Data Structure

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```
>> ST{1}

ans =

struct with fields:

    t: [1×105 double]
  beta0: [3×105 double]
    T0: 105
    K: 28
  beta: {1×28 cell}
    T: [60 29 31 27 19 23 30 27 19 15 27 18 21 18 24 23 26 17 20 19 15 17 15 12 8 8 6 7]
    tk: [1×28 double]
    d: 3
```

Fields in ST structure:

- **t** - Current parameterization of the main branch.
- **beta0** - Main branch curve
- **T0** - The number of points in the main branch.
- **K** - The number of side branches.
- **beta**- Side branch curves
- **T** - $T(k)$ gives the number of points in curve β_k
- **tk** - Starting locations of the side branches
- **d** - 3