./bin/MCMCTutorial
Total samples: 1760
Focusing on: 331
Dropped nodes with <= 1 abs(samples)
Dropped edges with <= 0 samples

```
_start
0 (0.0%)
of 331 (100.0%)

331

__libc_start_main_impl
0 (0.0%)
of 331 (100.0%)

331

__libc_start_call_main
0 (0.0%)
of 331 (100.0%)

331

main
0 (0.0%)
of 331 (100.0%)

331

MCMCBase
RunMCMC
0 (0.0%)
of 331 (100.0%)
```

```
TCling
DataMemberInfo_Factory
0 (0.0%)
of 2 (0.6%)

2

TClingDataMemberInfo
TClingDataMemberInfo
0 (0.0%)
of 2 (0.6%)

2

ClingMemberIterInternal
DCIter
DCIter
0 (0.0%)
of 2 (0.6%)

2

clang
DeclContext
decls_begin
0 (0.0%)
of 2 (0.6%)

2

clang
DeclContext
LoadLexicalDeclsFromExternalStorage
0 (0.0%)
of 2 (0.6%)

2

clang
MultiplexExternalSemaSource
FindExternalLexicalDecls
0 (0.0%)
of 2 (0.6%)

2

clang
ASTReader
FindExternalLexicalDecls
0 (0.0%)
of 2 (0.6%)

2

clang
ASTReader
GetDecl
0 (0.0%)
of 2 (0.6%)

5

clang
ASTReader
ReadDeclRecord
2 (0.6%)
```

From MCMCBase RunMCMC:
- 4 → MCMCBase PrintProgress 0 (0.0%) of 4 (1.2%)
- 320 → MR2T2 DoStep 0 (0.0%) of 320 (96.7%)
- 3 → FitterBase SaveSettings 0 (0.0%) of 3 (0.9%)
- 3 → TTree Fill 0 (0.0%) of 3 (0.9%)

```
MCMCBase
PrintProgress
0 (0.0%)
of 4 (1.2%)

4

SampleHandlerFD
PrintRates
0 (0.0%)
of 4 (1.2%)

4

SampleHandlerFD
GetSampleLikelihood
0 (0.0%)
of 4 (1.2%)
```

```
MR2T2
DoStep
0 (0.0%)
of 320 (96.7%)

320

MR2T2
ProposeStep
0 (0.0%)
of 320 (96.7%)
```

```
FitterBase
SaveSettings
0 (0.0%)
of 3 (0.9%)

3

Manager
SaveSettings
0 (0.0%)
of 3 (0.9%)
```

```
TTree
Fill
0 (0.0%)
of 3 (0.9%)

3

TBranch
FillImpl
[clone
.localalias]
2 (0.6%)
of 3 (0.9%)

2

TObject
Write
0 (0.0%)
of 2 (0.6%)

2

TDirectoryFile
WriteTObject
0 (0.0%)
of 2 (0.6%)

2

TFile
CreateKey
0 (0.0%)
of 2 (0.6%)

2

TKey
TKey
0 (0.0%)
of 2 (0.6%)

2
```

From MR2T2 ProposeStep:
- 3 → ParameterHandlerBase ProposeStep 0 (0.0%) of 3 (0.9%)
- 313 → SampleHandlerFD Reweight 0 (0.0%) of 313 (94.6%)

```
ParameterHandlerBase
ProposeStep
0 (0.0%)
of 3 (0.9%)

2

ParameterHandlerBase
CorrelateSteps
0 (0.0%)
of 2 (0.6%)
```

```
SampleHandlerFD
Reweight
0 (0.0%)
of 313 (94.6%)

6 → BinnedSplineHandler Evaluate 0 (0.0%) of 6 (1.8%)
307 → SampleHandlerFD FillArray_MP 0 (0.0%) of 307 (92.7%)
3 →
```

```
BinnedSplineHandler
Evaluate
0 (0.0%)
of 6 (1.8%)

6

SampleHandlerFD
GetLikelihood
0 (0.0%)
of 3 (0.9%)
```

```
SampleHandlerFD
GetLikelihood
0 (0.0%)
of 3 (0.9%)
```

```
SampleHandlerFD
FillArray_MP
0 (0.0%)
of 307 (92.7%)

301

BinnedSplineHandler
CalcSplineWeights
0 (0.0%)
of 6 (1.8%)

6

3
```

```
GOMP_parallel@@GOMP_4.0
0 (0.0%)
of 314 (94.9%)

8   300   5
```

```
omp_fulfill_event@@OMP_5.0.1
3 (0.9%)
of 19 (5.7%)

16
```

```
omp_get_num_procs@@OMP_1.0
16 (4.8%)
```

```
SampleHandlerFD
FillArray_MP
[clone
._omp_fn.0]
[clone
.lto_priv.0]
83 (25.1%)
of 300 (90.6%)

71   70   41   34   2
```

```
BinnedSplineHandler
CalcSplineWeights
[clone
._omp_fn.0]
[clone
.lto_priv.0]
2 (0.6%)
of 5 (1.5%)
```

```
BinningHandler
FindGlobalBin
71 (21.5%)
```

```
SampleHandlerFD
CalcWeightTotal
70 (21.1%)
```

```
SampleHandlerFD
ApplyShifts
34 (10.3%)
of 41 (12.4%)

7

SampleHandlerTutorial
ResetShifts
7 (2.1%)
```

```
SampleHandlerFD
IsEventSelected
34 (10.3%)
```

```
_init@8000
2 (0.6%)
```

```
TBufferFile
WriteClassBuffer
0 (0.0%)
of 2 (0.6%)

1   2
```

```
TClass
GetStreamerInfo
0 (0.0%)
of 3 (0.9%)

3

TClass
GetStreamerInfoImpl
0 (0.0%)
of 3 (0.9%)

2

TStreamerInfo
Build
0 (0.0%)
of 2 (0.6%)

1

TClass
BuildRealData
[clone
.localalias]
0 (0.0%)
of 2 (0.6%)

2

TClass
CallShowMembers
0 (0.0%)
of 2 (0.6%)

3

TCling
InspectMembers
[clone
.localalias]
0 (0.0%)
of 2 (0.6%)

1

TBuildRealData
Inspect
0 (0.0%)
of 2 (0.6%)
```

```
TStreamerInfoActions
GenericWriteAction
0 (0.0%)
of 2 (0.6%)

2

TStreamerInfo
WriteBufferAux
[clone
.localalias]
0 (0.0%)
of 2 (0.6%)
```