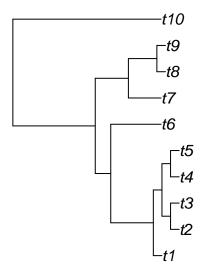
## R Notebook

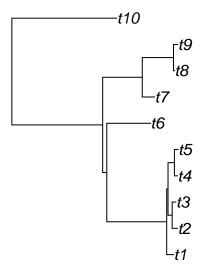
## Without Mixtures

We first load the ClaritySim and Clarity package and simulate some appropriate data:

We can now visualise the trees from these 3 different simulated data:

```
par(mfrow = c(1,2))
plot(original$tree)
plot(similar$tree)
```





We now obtain the similarity matrices for the feature matrices of all 3 of these datasets:

```
original_dist <- original$Y
similar_dist <- similar$Y</pre>
```

## With Mixtures

```
mixture <- mixCoalescent(original)
mixture_dist <- mixture$Y</pre>
```