```
load("/Volumes/untitled/PTC.RData")

source("/Users/andrewwallace/DissertationPublications/DegreeBandDescTable.R")
```

```
## \begin{table}[ht]
## \centering
## \begin{tabular}{lccccc}
##   \toprule
##  & BA1 & BA2 & AA1 & AA2 & Total \\
##   \midrule
## White & 34.49 & 26.33 & 19.67 & 24.38 & 25.18 \\
##   Black & 22.38 & 27.41 & 34.78 & 34.71 & 31.08 \\
##   Hispanic & 23.56 & 30.87 & 34.82 & 27.43 & 29.72 \\
##   Asian & 19.57 & 15.40 & 10.72 & 13.48 & 14.02 \\
##   Male & 39.94 & 42.66 & 46.18 & 38.91 & 42.51 \\
##   Female & 60.06 & 57.34 & 53.82 & 61.09 & 57.49 \\
##   Independent & 6.51 & 6.01 & 30.00 & 20.27 & 19.99 \\
##   Dependent & 93.49 & 93.99 & 70.00 & 79.73 & 80.01 \\
##   Not Pell Recipient & 49.09 & 43.29 & 43.18 & 41.53 & 44.41 \\
##   Pell Recipient & 50.91 & 56.71 & 56.82 & 58.47 & 55.59 \\
##   Delayed Entry & 14.76 & 11.65 & 41.61 & 31.79 & 30.48 \\
##   No Delay in Entry & 85.24 & 88.35 & 58.39 & 68.21 & 69.52 \\
##   Fall & 91.10 & 90.73 & 72.02 & 77.10 & 79.19 \\
##   Spring & 8.90 & 9.27 & 27.98 & 22.90 & 20.81 \\
##   Age at Entry & 19.28 & 18.97 & 22.44 & 20.94 & 21.07 \\
##   College Prep Units & 18.20 & 17.01 & 10.76 & 13.09 & 13.73 \\
##   HS GPA & 82.11 & 79.03 & 73.11 & 74.83 & 76.51 \\
##   SAT Total before Transformation & 972.54 & 924.15 & 785.34 & 808.33 & 885.54 \\
##   First Sem. Credits & 10.46 & 7.65 & 4.55 & 6.96 & 6.89 \\
##   First Sem. GPA & 2.64 & 1.91 & 2.06 & 2.58 & 2.36 \\
##    \bottomrule
## \end{tabular}
## \end{table}
```

Ok. I finally got this to work. But it involves running the ENTIRE data set up file because objects in the global enviroment are not in the scope of the local environment of the knitr R code chunk (unknown if multiple chunks in the same knitr document have the same scope) for reproducibility purposes. This works, but it is EXTREMELY inefficient. The solution may be to save the data to an Rdata file and read that.

Done. It worked SO much faster. , out.extra='angle=90'

[t]1

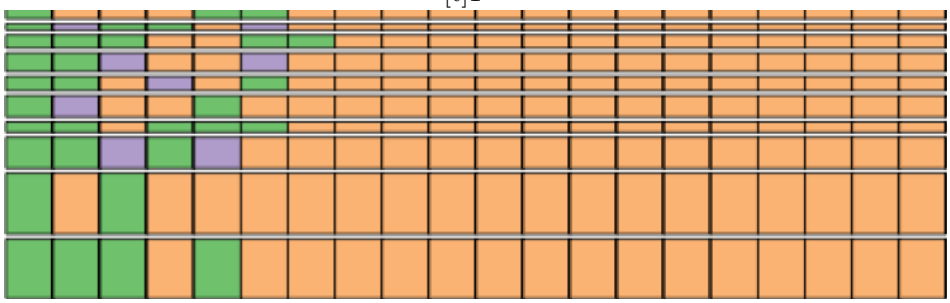

Figure 1: Early Drop Outs
[t]1

```
library(TraMineR)
```

```
##
## TraMineR stable version 1.8-8 (Built:  2014-04-24)
## Website:  http://mephisto.unige.ch/traminer
## Please type 'citation("TraMineR")' for citation information.
```

```
load("/Volumes/untitled/PTC.BA1.RData")
load("/Volumes/untitled/PTC.BA2.RData")
load("/Volumes/untitled/PTC.AA1.RData")
load("/Volumes/untitled/PTC.AA2.RData")
source("/Users/andrewwallace/DissertationPublications/CreateStateSeqObj.R")
```

```
## [>] 8 distinct states appear in the data:
##      1 = 1
##      2 = 2
##      3 = 3
##      4 = 4
##      5 = 5
##      6 = 6
##      7 = 7
##      8 = 8
## [>] state coding:
##   [alphabet]  [label]  [long label]
## 1          1        1     Full-time
## 2          2        2     Part-time
## 3          3        3      Stop-out
## 4          4        4      Transfer
## 5          5        5   Certificate
## 6          6        6     Associate
## 7          7        7  Baccalaureate
## 8          8        8 Not enrolled post-grad
## [>] 34813 sequences in the data set
## [>] min/max sequence length:  20/20
## [>] 8 distinct states appear in the data:
##      1 = 1
##      2 = 2
##      3 = 3
##      4 = 4
##      5 = 5
##      6 = 6
##      7 = 7
##      8 = 8
```

Why is this not working