

```
> step(fm)
Start: AIC=695.39
Num_Semem_To ~ AvgGPACHg_To + Base_GPA + AvgDelta_AttPass_To +
  AvgQualPts_To + AvgProGpa_To + Age + Race

- AvgQualPts_To      Df Sum of Sq   RSS   AIC
- AvgGPACHg_To      1     0.049 2930.4 693.40
- AvgGPACHg_To      1     9.857 2940.3 694.37
- Race              4    76.913 3007.3 694.96
- Base_GPA          1    17.514 2947.9 695.13
<none>              0    2930.4 695.39
- Age              1    71.301 3001.7 700.41
- AvgProGpa_To     1   114.270 3044.7 704.56
- AvgDelta_AttPass_To 1   117.272 3047.7 704.85
```

```
Step: AIC=693.4
Num_Semem_To ~ AvgGPACHg_To + Base_GPA + AvgDelta_AttPass_To +
  AvgProGpa_To + Age + Race

- AvgGPACHg_To      Df Sum of Sq   RSS   AIC
- AvgGPACHg_To      1    10.85 2941.3 692.48
- Race              4    76.90 3007.3 692.96
- Base_GPA          1    17.78 2948.2 693.16
<none>              0    2930.5 693.40
- Age              1    76.83 3007.3 698.96
- AvgDelta_AttPass_To 1   133.01 3063.5 704.36
- AvgProGpa_To     1   511.99 3442.4 738.42
```

```
Step: AIC=692.48
Num_Semem_To ~ Base_GPA + AvgDelta_AttPass_To + AvgProGpa_To +
  Age + Race

- Race              Df Sum of Sq   RSS   AIC
- Race              4    75.67 3017.0 691.89
<none>              0    2941.3 692.48
- Base_GPA          1    31.30 2972.6 693.57
- Age              1    74.69 3016.0 697.80
- AvgDelta_AttPass_To 1   122.23 3063.5 702.37
- AvgProGpa_To     1   518.31 3459.6 737.87
```

```
Step: AIC=691.89
Num_Semem_To ~ Base_GPA + AvgDelta_AttPass_To + AvgProGpa_To +
  Age

- Race              Df Sum of Sq   RSS   AIC
- Race              4    75.67 3017.0 691.89
<none>              0    2941.3 692.48
- Base_GPA          1    42.65 3059.6 693.99
- Age              1    72.55 3089.5 696.83
- AvgDelta_AttPass_To 1   119.98 3136.9 701.28
- AvgProGpa_To     1   514.58 3531.6 735.88
```

```
Call:
lm(formula = Num_Semem_To ~ Base_GPA + AvgDelta_AttPass_To +
  AvgProGpa_To + Age, data = Comp)
```

```
Coefficients:
      (Intercept)      Base_GPA  AvgDelta_AttPass_To      AvgProGpa_To      Age
      0.04773      -0.51059      0.38004      1.29238      0.08463
```

```
> |
```