

# Plain Text Code for Segmentation Study

## Semester-Based College Rule Set in SPSS

```
if (number_terms_enrolled = 1 & course_success >= 0.65) classification = 1.
if (number_terms_enrolled = 1 & course_success < 0.65) classification = 3.
if (number_terms_enrolled = 2 & course_success >= 0.65 & mean_unitload_regterms < 8)
classification = 1.
if (number_terms_enrolled = 2 & course_success < 0.65) classification = 3.
if (number_terms_enrolled = 2 & course_success >= 0.65 & mean_unitload_regterms >= 8)
classification = 4.
if (number_terms_enrolled = 3 & course_success >= 0.65 & mean_unitload_regterms < 6)
classification = 1.
if (number_terms_enrolled = 3 & course_success < 0.65) classification = 3.
if (number_terms_enrolled = 3 & course_success >= 0.65 & mean_unitload_regterms >= 6 &
ua_vocnontrx < 3) classification = 4.
if (number_terms_enrolled = 3 & course_success >= 0.65 & mean_unitload_regterms >= 6 &
ua_vocnontrx >= 3) classification = 5.
if (number_terms_enrolled = 4 & ua_vocnontrx < 3) classification = 4.
if (number_terms_enrolled = 4 & ua_vocnontrx >= 3) classification = 5.
if (number_terms_enrolled = 4 & noncred >= 4 & mean_unitload_regterms < 6) classification =
2.
if (number_terms_enrolled = 5 & ua_vocnontrx < 3) classification = 4.
if (number_terms_enrolled = 5 & ua_vocnontrx >= 3) classification = 5.
if (number_terms_enrolled = 5 & noncred >= 5 & mean_unitload_regterms < 6) classification =
2.
if (number_terms_enrolled = 6 & ua_vocnontrx < 3) classification = 4.
if (number_terms_enrolled = 6 & ua_vocnontrx >= 3) classification = 5.
if (number_terms_enrolled = 6 & noncred >= 6 & mean_unitload_regterms < 6) classification =
2.
value labels classification 1 'skills-builder' 2 'noncredit' 3 'completion-unlikely' 4 'completion-
likely' 5 'CTE'.
EXECUTE.
```

## Semester-Based College Rule Set in STATA

```
#delimit ;
generate classification = .;
label define classification 1 "skills-builder" 2 "noncredit" 3 "completion-unlikely" 4 "completion-likely" 5 "CTE";
label values classification classification;
replace classification = 1 if (number_terms_enrolled == 1) & (course_success >= 0.65);
replace classification = 3 if (number_terms_enrolled == 1) & (course_success < 0.65);
replace classification = 1 if (number_terms_enrolled == 2) & (course_success >= 0.65) &
(mean_unitload_regterms < 8);
replace classification = 3 if (number_terms_enrolled == 2) & (course_success < 0.65);
replace classification = 4 if (number_terms_enrolled == 2) & (course_success >= 0.65) &
(mean_unitload_regterms >= 8);
replace classification = 1 if (number_terms_enrolled == 3) & (course_success >= 0.65) &
(mean_unitload_regterms < 6);
replace classification = 3 if (number_terms_enrolled == 3) & (course_success < 0.65);
replace classification = 4 if (number_terms_enrolled == 3) & (course_success >= 0.65) &
(mean_unitload_regterms >= 6) & (ua_vocnontrx < 3);
replace classification = 5 if (number_terms_enrolled == 3) & (course_success >= 0.65) &
(mean_unitload_regterms >= 6) & (ua_vocnontrx >= 3);
replace classification = 4 if (number_terms_enrolled == 4) & (ua_vocnontrx < 3);
replace classification = 5 if (number_terms_enrolled == 4) & (ua_vocnontrx >= 3);
replace classification = 2 if (number_terms_enrolled == 4) & (noncred >= 4) &
(mean_unitload_regterms < 6);
replace classification = 4 if (number_terms_enrolled == 5) & (ua_vocnontrx < 3);
replace classification = 5 if (number_terms_enrolled == 5) & (ua_vocnontrx >= 3);
replace classification = 2 if (number_terms_enrolled == 5) & (noncred >= 5) &
(mean_unitload_regterms < 6);
replace classification = 4 if (number_terms_enrolled == 6) & (ua_vocnontrx < 3);
replace classification = 5 if (number_terms_enrolled == 6) & (ua_vocnontrx >= 3);
replace classification = 2 if (number_terms_enrolled == 6) & (noncred >= 6) &
(mean_unitload_regterms < 6);
```

## Quarter-Based College Rule Set in SPSS

```
if (number_terms_enrolled = 1 & course_success >= 0.65) classification = 1.
if (number_terms_enrolled = 1 & course_success < 0.65) classification = 3.
if ((number_terms_enrolled = 2 | number_terms_enrolled = 3) & course_success >= 0.65 &
mean_unitload_regterms < 12) classification = 1.
if ((number_terms_enrolled = 2 | number_terms_enrolled = 3) & course_success < 0.65)
classification = 3.
if ((number_terms_enrolled = 2 | number_terms_enrolled = 3) & course_success >= 0.65 &
mean_unitload_regterms >= 12) classification = 4.
if ((number_terms_enrolled = 4 | number_terms_enrolled = 5) & course_success >= 0.65 &
mean_unitload_regterms < 9) classification = 1.
if ((number_terms_enrolled = 4 | number_terms_enrolled = 5) & course_success < 0.65)
classification = 3.
if ((number_terms_enrolled = 4 | number_terms_enrolled = 5) & course_success >= 0.65 &
mean_unitload_regterms >= 9 & ua_vocnontrx < 4.5) classification = 4.
if ((number_terms_enrolled = 4 | number_terms_enrolled = 5) & course_success >= 0.65 &
mean_unitload_regterms >= 9 & ua_vocnontrx >= 4.5) classification = 5.
if (number_terms_enrolled = 6 & ua_vocnontrx < 4.5) classification = 4.
if (number_terms_enrolled = 6 & ua_vocnontrx >= 4.5) classification = 5.
if (number_terms_enrolled = 6 & noncred >= 4 & mean_unitload_regterms < 9) classification =
2.
if ((number_terms_enrolled = 7 | number_terms_enrolled = 8) & ua_vocnontrx < 4.5)
classification = 4.
if ((number_terms_enrolled = 7 | number_terms_enrolled = 8) & ua_vocnontrx >= 4.5)
classification = 5.
if ((number_terms_enrolled = 7 | number_terms_enrolled = 8) & noncred >= 5 &
mean_unitload_regterms < 9) classification = 2.
if (number_terms_enrolled = 9 & ua_vocnontrx < 4.5) classification = 4.
if (number_terms_enrolled = 9 & ua_vocnontrx >= 4.5) classification = 5.
if (number_terms_enrolled = 9 & noncred >= 6 & mean_unitload_regterms < 9) classification =
2.
value labels classification 1 'skills-builder' 2 'noncredit' 3 'completion-unlikely' 4 'completion-
likely' 5 'CTE'.
EXECUTE.
```

## Quarter-Based College Rule Set in STATA

```
#delimit ;
generate classification = .;
label define classification 1 "skills-builder" 2 "noncredit" 3 "completion-unlikely" 4 "completion-likely" 5 "CTE";
label values classification classification;
replace classification = 1 if number_terms_enrolled == 1 & course_success >= 0.65;
replace classification = 3 if number_terms_enrolled == 1 & course_success < 0.65;
replace classification = 1 if (number_terms_enrolled == 2 | number_terms_enrolled == 3) &
course_success >= 0.65 & mean_unitload_regterms < 12;
replace classification = 3 if (number_terms_enrolled == 2 | number_terms_enrolled == 3) &
course_success < 0.65 ;
replace classification = 4 if (number_terms_enrolled == 2 | number_terms_enrolled == 3) &
course_success >= 0.65 & mean_unitload_regterms >= 12;
replace classification = 1 if (number_terms_enrolled == 4 | number_terms_enrolled == 5) &
course_success >= 0.65 & mean_unitload_regterms < 9;
replace classification = 3 if (number_terms_enrolled == 4 | number_terms_enrolled == 5) &
course_success < 0.65;
replace classification = 4 if (number_terms_enrolled == 4 | number_terms_enrolled == 5) &
course_success >= 0.65 & mean_unitload_regterms >= 9 & ua_vocnontrx < 4.5;
replace classification = 5 if (number_terms_enrolled == 4 | number_terms_enrolled == 5) &
course_success >= 0.65 & mean_unitload_regterms >= 9 & ua_vocnontrx >= 4.5;
replace classification = 4 if number_terms_enrolled == 6 & ua_vocnontrx < 4.5;
replace classification = 5 if number_terms_enrolled == 6 & ua_vocnontrx >= 4.5;
replace classification = 2 if number_terms_enrolled == 6 & noncred >= 6 &
mean_unitload_regterms < 9;
replace classification = 4 if (number_terms_enrolled == 7 | number_terms_enrolled == 8) &
ua_vocnontrx < 4.5;
replace classification = 5 if (number_terms_enrolled == 7 | number_terms_enrolled == 8) &
ua_vocnontrx >= 4.5;
replace classification = 2 if (number_terms_enrolled == 7 | number_terms_enrolled == 8) &
noncred >= 5 & mean_unitload_regterms < 9;
replace classification = 4 if number_terms_enrolled == 9 & ua_vocnontrx < 4.5;
replace classification = 5 if number_terms_enrolled == 9 & ua_vocnontrx >= 4.5;
replace classification = 2 if number_terms_enrolled == 9 & noncred >= 6 &
mean_unitload_regterms < 9;
```