

Table 55

Summary of Regression Analysis Predicting National Survey of Student Engagement Benchmark Scale Scores After Controlling for Gender, Race, and High School GPA

Predictor	<u>B</u>	<u>SE</u>	<u>B</u>
<u>Fall 1999 Cohort</u>			
<u>Level of Academic Challenge Scale (<math>\alpha=.67</math>)</u>			
Health Sciences Residential Community	-8.62	3.29	-0.19**
Multicultural and Academic Initiatives	4.08	3.02	0.19
Honors	2.28	1.26	0.14
President's Leadership Academy	-6.16	3.73	-0.13
Chapman Learning Community	2.29	1.52	0.11
Springboard	1.56	1.63	0.08
Literacy Serve and Learn	0.66	1.09	0.04
BG Effect	-0.69	2.05	-0.02
University Program for Academic Success	0.31	1.68	0.02
UNIV 100	-0.09	0.93	-0.01
<u>Active and Collaborative Learning Scale (<math>\alpha=.64</math>)</u>			
Literacy Serve and Learn	2.05	0.65	0.22**
Chapman Learning Community	2.07	0.91	0.16*
Multicultural and Academic Initiatives	1.68	1.80	0.13
Health Sciences Residential Community	2.79	1.96	0.10
Springboard	0.91	0.97	0.07
Honors	0.62	0.75	0.06
UNIV 100	-0.34	0.56	-0.05
University Program for Academic Success	-0.33	1.00	-0.03
BG Effect	0.56	1.23	0.03
President's Leadership Academy	0.17	2.22	0.01
<u>Student Interactions with Faculty Members Scale (<math>\alpha=.71</math>)</u>			
Chapman Learning Community	2.61	0.85	0.21**
Honors	1.95	0.70	0.20**
Multicultural and Academic Initiatives	2.23	1.69	0.18
UNIV 100	-1.18	0.52	-0.16*
President's Leadership Academy	2.87	2.09	0.10
Literacy Serve and Learn	0.85	0.61	0.09
Health Sciences Residential Community	-1.77	1.84	-0.06
Springboard	0.44	0.91	0.04
BG Effect	0.33	1.15	0.02
University Program for Academic Success	-0.09	0.94	-0.01
<u>Enriching Educational Experiences Scale (<math>\alpha=.50</math>)</u>			
Honors	2.47	1.07	0.17*
Health Sciences Residential Community	-5.31	2.80	-0.13
Literacy Serve and Learn	1.04	0.93	0.08
BG Effect	-1.76	1.75	-0.07
UNIV 100	-0.66	0.80	-0.06
Springboard	0.88	1.39	0.05

Multicultural and Academic Initiatives	-0.79	2.57	-0.04
President's Leadership Academy	1.47	3.18	0.04
Chapman Learning Community	0.29	1.29	0.02
University Program for Academic Success	0.26	1.43	0.02

Supportive Campus Environment Scale ( $\alpha=.72$ )

Health Sciences Residential Community	-5.65	3.09	-0.13
UNIV 100	1.24	0.88	0.11
BG Effect	-2.63	1.93	-0.10
Springboard	1.42	1.53	0.08
Honors	1.09	1.18	0.07
Literacy Serve and Learn	1.06	1.02	0.07
Multicultural and Academic Initiatives	-1.09	2.84	-0.06
President's Leadership Academy	-2.63	3.50	-0.06
University Program for Academic Success	-0.95	1.58	-0.05
Chapman Learning Community	-0.14	1.43	-0.00

Fall 2000 Cohort

Level of Academic Challenge Scale ( $\alpha=.69$ )

Honors	3.60	1.47	0.20*
Multicultural and Academic Initiatives	-2.87	3.60	-0.11
Springboard	1.60	1.31	0.09
University Program for Academic Success	-1.56	1.68	-0.08
UNIV 100	0.96	0.96	0.07
Chapman Learning Community	-1.04	1.57	-0.05
Health Sciences Residential Community	1.18	1.91	0.04
Literacy Serve and Learn	0.59	1.64	0.03
President's Leadership Academy	-0.69	3.40	-0.02
BG Effect	-0.30	4.05	-0.01

Active and Collaborative Learning Scale ( $\alpha=.65$ )

Honors	2.27	0.84	0.23**
Literacy Serve and Learn	2.01	0.94	0.15*
Chapman Learning Community	0.98	0.90	0.08
Health Sciences Residential Community	1.29	1.10	0.08
BG Effect	1.60	2.32	0.05
Springboard	0.49	0.75	0.05
Multicultural and Academic Initiatives	-0.59	2.08	-0.04
University Program for Academic Success	-0.41	0.96	-0.03
President's Leadership Academy	-0.48	1.95	-0.02
UNIV 100	0.14	0.60	0.02

Student Interactions with Faculty Members Scale ( $\alpha=.71$ )

Honors	1.58	0.75	0.18*
President's Leadership Academy	1.32	1.75	0.06
UNIV 100	0.34	0.51	0.05
Chapman Learning Community	0.48	0.81	0.04
Literacy Serve and Learn	0.31	0.88	0.03
Multicultural and Academic Initiatives	-0.36	1.87	-0.03
Springboard	-0.29	0.63	-0.03
BG Effect	-0.21	2.09	-0.01

---

Health Sciences Residential Community	-0.17	0.94	-0.01
University Program for Academic Success	0.07	0.86	0.01

Enriching Educational Experiences Scale ( $\alpha=.57$ )

Honors	2.68	1.22	0.18*
Literacy Serve and Learn	1.62	1.37	0.08
President's Leadership Academy	2.39	2.84	0.07
BG Effect	2.58	3.39	0.06
Springboard	0.87	1.10	0.06
Chapman Learning Community	-0.95	1.31	-0.05
Health Sciences Residential Community	1.24	1.60	0.05
UNIV 100	0.60	0.81	0.05
Multicultural and Academic Initiatives	0.60	2.99	0.03
University Program for Academic Success	-0.44	1.40	-0.03

Supportive Campus Environment Scale ( $\alpha=.72$ )

Honors	2.00	1.19	0.14
UNIV 100	1.20	0.79	0.12
University Program for Academic Success	-1.74	1.37	-0.11
BG Effect	2.52	3.30	0.06
Literacy Serve and Learn	0.87	1.40	0.05
Health Sciences Residential Community	-0.80	1.49	-0.04
President's Leadership Academy	1.41	2.77	0.04
Springboard	0.50	1.07	0.04
Chapman Learning Community	-0.42	1.28	-0.02
Multicultural and Academic Initiatives	0.47	2.92	0.02

---

Note. Fall 1999 Cohort, Level of Academic Challenge Scale:  $R^2 = .09$  ( $N = 210$ ,  $p > .05$ ).

Note. Fall 1999 Cohort, Active and Collaborative Learning Scale:  $R^2 = .13$  ( $N = 210$ ,  $p < .05$ ).

Note. Fall 1999 Cohort, Student Interactions with Faculty Members Scale:  $R^2 = .18$  ( $N = 210$ ,  $p < .01$ ).

Note. Fall 1999 Cohort, Enriching Educational Experiences Scale:  $R^2 = .11$  ( $N = 210$ ,  $p < .05$ ).

Note. Fall 1999 Cohort, Supportive Campus Environment Scale:  $R^2 = .07$  ( $N = 210$ ,  $p > .05$ ).

Note. Fall 2000 Cohort, Level of Academic Challenge Scale:  $R^2 = .10$  ( $N = 201$ ,  $p > .05$ ).

Note. Fall 2000 Cohort, Active and Collaborative Learning Scale:  $R^2 = .10$  ( $N = 202$ ,  $p > .05$ ).

Note. Fall 2000 Cohort, Student Interactions with Faculty Members Scale:  $R^2 = .06$  ( $N = 201$ ,  $p > .05$ ).

Note. Fall 2000 Cohort, Enriching Educational Experiences Scale:  $R^2 = .11$  ( $N = 204$ ,  $p < .05$ ).

Note. Fall 2000 Cohort, Supportive Campus Environment Scale:  $R^2 = .04$  ( $N = 203$ ,  $p > .05$ ).

\* $p < .05$ . \*\* $p < .01$ .