Predicting Performance on the National Physical Therapy Examination

Supplemental Table 3.

Logistic Regression and Prediction Rule for National Physical Therapy Examination (NPTE) Performance, Program C^a

Predictor	β	SE β	Wald χ²	df	P	Odds Ratio ^b (95% CI)
vGRE 400 or less	1.061	0.397	7.138	1	.010	2.891 (1.327-6.289)
qGRE 510 or less	0.860	0.423	4.123	1	.042	2.362 (1.030-5.415)
Constant	-2.133	0.316	45.561	1		
Test			χ²	df	P	
Overall model fit						
Likelihood ratio test			14.906	3	.002	
Goodness-of-fit tests						
Hosmer and Lemeshow			0.081	3	.994	
Nagelkerke r^2	0.109					

Prediction Rule

 ± 1.0 point for vGRE of 400 or less, ± 1.0 point for qGRE of 510 or less

Score	Passed First Time Percentage (95% CI)	Failed at Least Once Percentage (95% CI)		
0	85.9 (80.2-90.9)	14.1 (8.4-19.8)		
1.0 or 2.0	66.7 (55.3-78.1)	33.3 (22.0-44.7)		

^a Sample size not reported to maintain anonymity of the program. SE=standard error, CI=confidence interval, vGRE=verbal Graduate Record Examination score, qGRE=quantitative Graduate Record Examination score. b Adjusted for NPTE version.