

Because the number of winter invitees and participants is relatively small, fewer relationships between MySuccessCheck data and retention and grades achieve statistical significance. Still, the predictive validity of the overall risk categories is validated. More winter data will be needed to demonstrate the validity of individual items, but meanwhile it's reasonable to presume that the relationships observed for fall participants also hold true in winter term.

Risk Category (computed)	Frequency	Retention to Fall 2017	Winter 2017 GPA
Low	120	85%	3.00
Medium	32	46%	2.69
High	10	40%	2.54
Unclassified	2	100%	3.31
All Participants	164	75%	2.91
Non-participants	295	73%	2.90

The retention rate for respondents in the “high” risk category was significantly lower than that for the “low” category. Risk categories were not significantly associated with semester grades. The existence of a logged staff contact is not significantly related to retention or grades, after controlling for risk category. However, this is unsurprising, given that contacts were only logged for 20 students.

Agreement with the statement “I plan to continue at GVSU next year (Fall 2017)” had a significant and predictable relationship with actual retention. There are also significant ordinal relationships between missed class sessions and lower GPA, and between homesickness and attrition. Students who said they still needed to buy textbooks got significantly lower grades than those who already had all their books.