

Renaissance Entrepreneurship Center Non-Response Bias Analysis

Using the tests described below, we did not find statistically significant non-response bias in the data collected in terms of Gender, Minority status, Business Ownership, Wage Job status and Health Insurance. Household Income, Business Sales and Business Draw variables were missing too many cases to perform tests.

Please note that we test for non-response bias in order to determine if there are key differences between the characteristics of clients you were able to interview and those not interviewed. We focus our tests on several key criteria at Intake (like gender, minority status, business status, etc.). If there is a significant difference between the characteristics of those not surveyed and those you interviewed, then the survey data may not be accurately describing your program. For instance, if you interviewed far fewer pre-business clients than were in your sample, you may be over-estimating the percentage of clients in business at survey.

We perform Chi-Square tests on categorical variables (gender, minority) and T-tests on continuous variables (sales, HH income) to identify any statistically significant differences between the surveyed respondents and those not surveyed. Statistical significance in this case implies that the differences are not due to chance.

	Surveyed	Not Surveyed	Test	n	MD	N
Gender (% of Females)	78.8%	67.3%	1.909 (0.167)	115	3%	118
Minority	69.7%	62.5%	0.648 (0.421)	114	3%	118
Had a Business	44.1%	39.4%	0.189 (0.663)	92	22%	118
Had a Wage Job	59.6%	53.5%	0.360 (0.548)	95	19%	118
Had Health Insurance	75.4%	74.4%	0.014 (0.907)	100	15%	118
HH Income (Mean)				80	32%	118
Business Sales (Mean)				1	97%	39
Business Draw (Mean)				4	90%	39