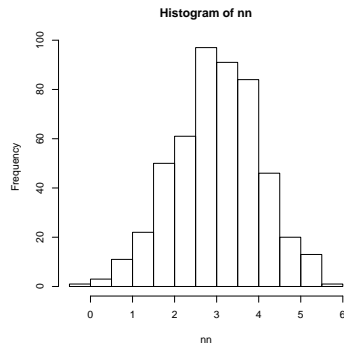


# Exam

31.07.2013

Name:	ID number:	Number of points:	STAT633
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- 1 [0] NA
- 2 [15] Data for variable nn are represented graphically.



- (a) Is standard deviation 1, 2 or 4?
- (b) Is mean -3, 0 or 3?
- 3 [10] Calculate the mean of the following data: 4,-4,11,-2
- (a) 2.25
- (b) 3.25
- (c) does not exist
- (d) 1
- 4 [15] What is the probability of obtaining exactly 1 tails if we toss a fair coin 5 times?
- 5 [5] The median value of the following data 33, 3, 7, 15, 107, 1, 41 is
- (a) 15
- (b) 16
- (c) cannot be calculated
- (d) 29.6
- 6 [5] Which of the following is a measure of central tendency?
- (a) standard deviation
- (b) mean
- (c) median
- (d) range
- (e) variance
- (f) coefficient of correlation
- (g) frequency
- (h) mode

**Good luck!**