

M339J: Topics for In-Term One

☐ Basics of probability.

☐ Conditional probability.

☐ Bayes' Theorem.

☐ Discrete random variables.

☐ Continuous random variables.

☐ Mixed random variables.

☐ The exponential distribution.

☐ Expectation.

☐ The Law of Large Numbers.

☐ Variance.

☐ Coefficient of variation.

☐ The excess loss random variable.

☐ The per loss and per payment random variables.

☐ The limited loss random variable.

☐ Percentiles.

☐ Ordinary deductibles.
