

STAT 5705: Theory of Stat Inference

Transformation of random variables, Distributions related to the normal, Central Limit Theorem, Law of Large Numbers, Point estimation, Maximum likelihood estimation, Bias, Consistency, Sufficiency, Confidence intervals, Hypothesis testing, Likelihood ratio tests.

Credits: 3.0

Prerequisites:

MAT 2500

MAT 5700

STAT 5700

MAT 2500 and (MAT 5700 or STAT 5700)

Program: Mathematics and Statistics