STA260 Alternative Solution (Tutorial 6 Question 3)

Monday, July 22, 2024

11:46 AM

OneNote can't connect to the server. Sync will resume once we connect. You don't need to take any action. (Error code: 0xE4010644 c12qc)



Now,
$$W_n = \frac{1}{N} \stackrel{\sim}{\sum} Y_i^2 = \frac{1}{N} \stackrel{\sim}{\sum} U = \overline{U}$$

Thus by WLLN, Wn= U -0.

Thus it is a consistent estimator.