

KYIV SCHOOL OF ECONOMICS
Statistics and econometrics for business II
Instructor: Maksym Obrizan
QUIZ - 1 NON-WHITE

Please put your name (6 points): _____

To get full credit answer ALL 6 questions below (1 point for each correct answer)

1. Consider a regression with three explanatory variables: male, female and intercept. This model cannot be estimated by OLS. True or False? Explain in 1 sentence.

2. Experiments are often too expensive and are not used in Econometrics as often as in Statistics. True or False? Explain in 1 sentence.

3. Although MLR is linear in parameters it is still possible to run a regression of $\log(\text{wage})$ on $\log(\text{education})$. True or False? Explain in 1 sentence.

4. Unbiasedness is the property of the variance. True or False? Explain in 1 sentence.

5. A model with a narrow confidence interval is usually better than a model with a wide interval. True or False? Explain in 1 sentence.

6. According to Gauss-Markov theorem OLS is the best linear unbiased estimator. True or False? Explain in 1 sentence.