**Good, Bad, and Ugly: An Exercise in Discussing Estimates and Precision**

Suppose you have this result from regressing Y on X:

= 0.261 (se .177) 🡪 t = 1.47

Which of these are good, bad, ugly, and why?

1. “the effect is positive but insignificant”
2. “the estimated effect is positive but insignificant”
3. “an increase in X causes an increase of .261 units in Y, but is statistically insignificant”
4. “the coefficient is positive but statistically insignificant”
5. “the estimated effect is positive but statistically insignificant”
6. “the estimate is positive but statistically insignificant”
7. “the coefficient is statistically insignificant”
8. “the estimated effect is positive, but not precisely estimated enough to reject the possibility of no effect”
9. “an increase in X causes a statistically insignificant increase in Y”
10. “we have 95% confidence that the range (-0.09, .615) contains the true relationship between X and Y”