Quiz: Instrumental variables / causal effects in randomised trials with non-compliance

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- Q1) The intention-to-treat (177) effect is:
 - -> causal effect of treatment assignment on the outaine
- Q2) The potential treatment values of a complier is:
 - $> A^0 = 0 A^1 = 1$
- (23) Treatment assignment has no impact on treatment received for:
 - always-takers and never-takers
- Q4) In IV analysis, what is meant by a "local" treatment effect?:
 - -> treatment effect among compliers only
- Q5) The monotonicity assumption is necessary for estimation of:
 - complier average causal effect (CACE)
- Q6) If we DO NOT MAKE the monotonicity assumption, somebody who was observed to have Z=1 and A=0 is:
 - either a never-taker or defier
- Q7) If we DO MAKE the monotonicity assumption, somebody who was observed to have Z=1 and A=0 is:
 - is a never-taker
- (28) The assumption that the IV, Z, only affects the outcome, Y, through its effect on treatment, A, is called:
 - exclusion criterion
- Q9) The first stage of Two Stage least Squares (25LS) is:
 - -> regression of treatment received (A) on the instrumental variable (IV) Z.
- Q10) The shength of an instrumental variable (IV) can be measured by:
 - the association between the IV (2) and the treatment (A).
- (ausal effects that have:
 - large standard errors
- Q12) Instrumental variable methods do not regnire;
 - -> the ignorability assumption.