

STEP 1:
DESCRIBE
EXPERIMENT

STEP 2:
SPECIFY
STATISTICAL MODEL

STEP 3:
DEFINE STATISTICAL
QUERY

STEP 4:
CONSTRUCT
ESTIMATOR

STEP 5:
OBTAIN
INFERENCE

STEP 6:
MAKE SUBSTANTIVE
CONCLUSION

***What is the causal risk ratio in
mortality between treatment groups?***

$$\psi_{causal} = \frac{P(Y_1 = 1)}{P(Y_0 = 1)}$$

W_1	W_2	W_3	A	Y	Y_1	Y_0
21	65	F	1	1	1	?
22.3	28	F	0	0	?	0
19.4	49	F	1	0	0	?
24	77	M	1	0	0	?

Causal parameters are functions of this full data