

1. **OPERA Study, 2012 *JAMA*.** Postoperative atrial fibrillation or flutter (AF) is one of the most common complications of cardiac surgery and significantly increases morbidity and health care utilization. A total of 1516 patients scheduled for cardiac surgery were randomized to receive fish oil or placebo. The main outcome was occurrence of postoperative AF lasting longer than 30 seconds. The primary end point occurred in 233 (30.7%) patients assigned to placebo and 227 (30.0%) assigned to fish oil (odds ratio, 0.96 [95% CI, 0.77-1.20]; $p=0.74$).

- (a) What are the null and alternative hypotheses?
- (b) How do you think they tested the null hypothesis?
- (c) How do you interpret their results?