

2-Sample Proportion: With private network, Without private network

Method

Event: TRUE

p_1 : proportion where With private network = TRUE

p_2 : proportion where Without private network = TRUE

Difference: $p_1 - p_2$

Descriptive Statistics

| Sample | N | Event | Sample p |
|-------------------------|------|-------|----------|
| With private network | 4288 | 654 | 0.152519 |
| Without private network | 1784 | 419 | 0.234865 |

Estimation for Difference

| Difference | 95% CI for Difference |
|------------|------------------------|
| -0.082347 | (-0.104769, -0.059925) |

Test

Null hypothesis $H_0: p_1 - p_2 = 0$

Alternative hypothesis $H_1: p_1 - p_2 \neq 0$

| Method | Z-Value | P-Value |
|----------------------|---------|---------|
| Fisher's exact | | <0.0001 |
| Normal approximation | -7.20 | <0.0001 |

95% CI for the Difference

