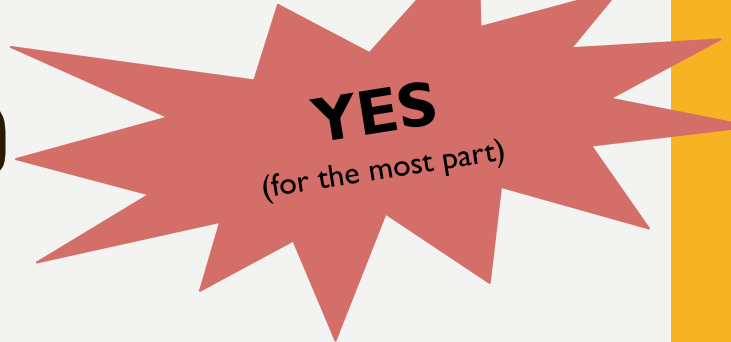


IS “FRESHMAN 15” A MYTH?



Using t-distribution to calculate my hypothesis test

- $H_0: \mu = 15$
- $H_1: \mu \neq 15$

Test Statistic results

	Male	Female
Greek/Other	-5.49	-7.23
Unlimited	-8.01	-5.23

MALES

Meal plan	Greek/Other	Unlimited
Sample size	16	32
Minimum	-5	-13
Q1	0	-5
Median	3	1.5
Q3	10	10
Maximum	20	20
Mode	0	10
Outliers	None	-30, -30, 50
Sample mean	5.125	2.52

FEMALES

Meal plan	Greek/Other	Unlimited
Sample size	44	29
Minimum	-10	-12.75
Q1	0	-4
Median	8	5
Q3	10	10
Maximum	20	25
Mode	10	10
Outliers	None	-30
Sample mean	6.136	4.72