

ECE 341 - Homework #15

F-Test and ANOVA. Due Friday, June 10th

Test of a 3+ Populations

1) The average temperature in Fargo for three different months is:

		mean	std	n
A	June	65.8032	3.0791	80
B	July	70.9427	2.5143	80
C	Aug	69.0227	2.6740	80

Determine if the means are the same using an ANOVA test.

2) The global average for three decades are:

		mean	std	n
A	1880-1899	-0.1766	0.121	240
B	1960-1969	0.0233	0.1161	240
C	2010-2019	0.7944	0.1685	240

Determine if the means are the same using an ANOVA test.

3) The scores for three players playing *Hungry Hungry Hippo* are:

A:	73	63	79	59	60		
B:	52	31	75	64	53	74	
C:	53	69	68	74	74	62	70

Determine if the means are the same using an ANOVA test.