T-Tests - Knowledge, Importance, & Confidence

Paired Samples Statistics

		Mean	N	Std. Deviation	Std. Error Mean
Pair 1	OverallKnowledgeAfter	4.1385	68	.48412	.05871
	OverallKnowledgeBefore	1.8027	68	.71525	.08674
Pair 2	OverallImportanceAfter	4.4552	67	.53464	.06532
	OverallImportanceBefore	2.2090	67	1.07714	.13159
Pair 3	OverallConfidenceAfter	3.6343	67	.72081	.08806
	OverallConfidenceBefore	1.6194	67	.86203	.10531

Paired Samples Correlations

		N	Correlation	Sig.
Pair 1	OverallKnowledgeAfter & OverallKnowledgeBefore	68	.374	.002
Pair 2	OverallImportanceAfter & OverallImportanceBefore	67	.181	.143
Pair 3	OverallConfidenceAfter & OverallConfidenceBefore	67	.407	.001

Paired Samples Test

		Paired Differences							
					95% Confidence Interval of the Difference				
		Mean	Std. Deviation	Std. Error Mean	Lower	Upper	t	df	Sig. (2-tailed)
Pair 1	OverallKnowledgeAfter - OverallKnowledgeBefore	2.33578	.69796	.08464	2.16684	2.50473	27.597	67	.000
Pair 2	OverallImportanceAfter - OverallImportanceBefore	2.24627	1.11251	.13591	1.97491	2.51763	16.527	66	.000
Pair 3	OverallConfidenceAfter - OverallConfidenceBefore	2.01493	.87026	.10632	1.80265	2.22720	18.952	66	.000

Descriptives - TPB Components (Prediction)

Descriptive Statistics

	N	Mean	Std. Deviation
IntegrateDroneConcepts	68	5.1630	.59702
IntegrateExperientialLearning	68	5.2279	.60942
StakeholdersDrone	67	4.0299	1.03594
StakeholdersExperientialLearning	67	4.0398	1.05333
PBCDrones	67	4.5547	.85127
PBCExperientialLearning	67	4.5323	.85465
IntentionsDrone	62	4.9355	.70605
IntentionsExperientialLearning	62	4.9677	.65762
Valid N (listwise)	62		

Descriptives - AFNR Careers

Descriptive Statistics

	N	Mean	Std. Deviation
AFNRCareers_EdProffesionals	62	3.8952	1.13129
AFNRCareers_Students	62	4.1129	1.09552
Valid N (listwise)	62		

Demographic Characteristics of Respondents

Gender

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Male	39	56.5	56.5	56.5
	Female	27	39.1	39.1	95.7
	999	3	4.3	4.3	100.0
	Total	69	100.0	100.0	

HighestLevelofEducation

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Bachelor's Degree	20	29.0	29.0	29.0
	"Some Graduate Work"	14	20.3	20.3	49.3
	Master's Degree	29	42.0	42.0	91.3
	Ph.D.	1	1.4	1.4	92.8
	999	5	7.2	7.2	100.0
	Total	69	100.0	100.0	

TraditionalAgTeacherPerformanceCertification

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	yes	45	65.2	65.2	65.2
	no	20	29.0	29.0	94.2
	14	1	1.4	1.4	95.7
	999	3	4.3	4.3	100.0
	Total	69	100.0	100.0	

CommunityType

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Metro Urban	6	8.7	8.7	8.7
	Urban	28	40.6	40.6	49.3
	Urban Cluster	27	39.1	39.1	88.4
	Rural	6	8.7	8.7	97.1
	999	2	2.9	2.9	100.0
	Total	69	100.0	100.0	

County

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid		3	4.3	4.3	4.3
	Beaver	1	1.4	1.4	5.8
	Box Elder	4	5.8	5.8	11.6
	Cache	13	18.8	18.8	30.4
	Davis	4	5.8	5.8	36.2
	Juab	1	1.4	1.4	37.7
	Salt Lake	10	14.5	14.5	52.2
	San Pete	1	1.4	1.4	53.6
	Sanpete	1	1.4	1.4	55.1
	Toole	1	1.4	1.4	56.5
	Utah	17	24.6	24.6	81.2
	Wasatch	1	1.4	1.4	82.6
	Washington	2	2.9	2.9	85.5
	Weber	10	14.5	14.5	100.0
	Total	69	100.0	100.0	

Descriptive Statistics

	N	Minimum	Maximum	Mean	Std. Deviation
Age	62	23	68	43.34	11.373
YearsTeaching	66	1	33	13.20	9.406
Valid N (listwise)	61				