

Learning Goal: Inquiry and Analysis, Data Analysis

Date: Spring 2014

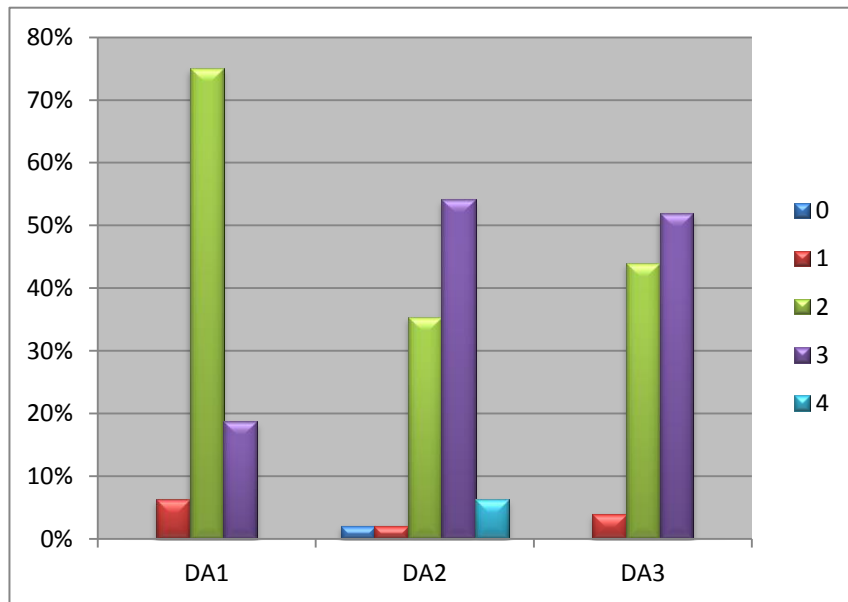
What was assessed: 48 work products sampled from STT 210 and PSY 225

How it was assessed: Two faculty scorers using the Inquiry and Analysis Value Rubric

Results: Inquiry and Analysis: Data Analysis

	Benchmark				
	0	1	2	3	4
DA 1 (n=48)	0 (0%)	3 (6.3%)	36 (75.0%)	9 (18.8%)	0 (0%)
DA 2 (n=48)	1 (2.1%)	1 (2.1%)	17 (35.4%)	26 (54.2%)	3 (6.3%)
DA 3 (n=23)	0 (0%)	1 (4.0%)	10 (44.0%)	12 (52.0%)	0 (0%)

Distribution of scores



DA 1 Summarizing and Analyzing Data:

- No work products scored a zero
- Three work products converted some data into mathematical portrayal, but with inaccurate or inappropriate results (score of 1)
- Three fourths of the products converted data into mathematical portrayal that was partially accurate or appropriate (score of 2)
- Nine papers converted relevant data into a complete mathematical portrayal that was both appropriate and accurate (score of 3)
- No work products scored a 4

DA 2 Explanation of Results

- One paper received a score of zero
- One paper attempted to explain information presented in mathematical and/or statistical forms, but explanation was inaccurate (score of 1)
- Almost one in twenty papers provided partially accurate explanations of information presented in mathematical and/or statistical forms (score of 2)
- One-quarter of student work provided mostly accurate explanations of information presented in mathematical and/or statistical forms (score of 3)
- Three work products provided accurate explanations of information presented in mathematical and/or statistical forms (score of 4)

DA 3 Inferences (deemed applicable for twenty three work products)

- No work products were scored as a level one or a level four
- One work product made inferences that are not supported by the mathematical and/or statistical analysis (score of 1)
- Eleven work products made inferences that are partially supported by the mathematical and/or statistical analysis (score of 2)
- Thirteen work products made reasonable inferences that were supported by the mathematical and/or statistical analysis (score of 3)