

Summary of the Course Learning Objectives Matrix

Assessment Office

September 13, 2001

The Course Learning Objective Matrix was obtained from a survey given out to UHWO faculty in December 2000. The survey asked faculty to rate the degree to which they emphasized a predetermined list of learning objectives. The rating scale on the questionnaire ranged from 0 to 3 with 0 = none, 1 = little, 2 = some, 3 = a lot.

The graph below shows a barchart of the means for each objective. The reference lines on the graph are at 1.5, 1.75, 2.0, and 2.5. The table below the graph shows the actual values of each category. This analysis will separate out the categories by objectives whose value is less than 1.5 (very-low emphasis), from 1.5 to 1.75 (low emphasis), 1.75 to 2.0 (low-moderate emphasis), 2.0 to 2.5 (high-moderate emphasis), 2.25 to 2.5 (fairly-high emphasis) and more than 2.5 (high emphasis).

Overall, the mean values range from about 1.47 to 2.61. The lowest value of 1.47 is for (w8) the written objective of "Revise and edit their own and others' writing". This is the only objective to fall in the category whose mean is less than 1.5 (very-low emphasis) .

The next category of 1.5 to 1.75 (low emphasis) include:

- (w5) Write an outline or proposal for a paper in a particular field,
- (w7) Write for self-expression or clarity,
- (r3) Collect and organize raw data into readable form,
- (rs7) Use appropriate electronic databases, as well as traditional sources to research, prepare, analyze, and organize data,
- (cu6) Appreciate the complexities of the Hawaiian/Pacific society and culture both in traditional and contemporary eras.

The category of 1.75 to 2.0 (low-moderate emphasis) include:

- (w3) Understand what constitutes plagiarism,
- (o5) Analyze and evaluate oral communication,
- (rs6) Understand the ethical elements of research,
- (rs8) Understand the methods of citation,
- (c2) Identify and appreciate the works of others,
- (c4) Recognize how creative expression differs in various cultures,
- (cu2) Demonstrate basic knowledge of a culture other than one's own,
- (ll6) Acquire knowledge of relevant professional organizations.

The category of 2.0 to 2.25 (high-moderate emphasis) include:

- (w1) Demonstrate proficiency in grammatical skills
- (w2) Identify audiences within a particular field
- (w4) Develop a theme or thesis
- (o2) Recognize diversity of communication styles
- (o3) Function effectively in group discussions
- (r2) Appreciate the relevance of quantitative data
- (rs4) Distinguish among research designs
- (rs5) Understand advantage and disadvantages of methodologies
- (c1) Understand the function of creativity in a field
- (c3) Express themselves creatively in one field
- (cu1) Understand world cultures
- (cu3) Evaluate cross-cultural contributions
- (cu5) Articulate advantages of cross-cultural analysis
- (ll4) Demonstrate social interaction skills
- (ll5) Develop realistic professional expectations

The category of more than 2.25 to 2.5 (fairly-high emphasis) include:

- (w6) Construct and support an argument
- (o1) Demonstrate command of vocabulary

- (o4) Demonstrate listening skills
- (r4) Communicate using data
- (r5) Draw conclusions based on data
- (r8) Analyze theoretical models
- (l11) Demonstrate awareness of ethical issues of a discipline
- (l12) Demonstrate personal and social responsibility
- (l13) Integrate values of liberal arts education
- (l17) Demonstrate work-related skills

The highest category of more than 2.5 (high emphasis) include:

- (r1) Appreciate the relevance of qualitative data
- (r6) Assess validity of conclusions
- (r7) Recognize that data have social context
- (rs3) Understand research terms common to discipline

The category with the maximum rating is (r7) with a mean value of 2.61. It is interesting to note that the analytical reasoning and research skills objectives which deal with the relevance and understanding of data seem to have the highest emphasis.

Barchart of Ratings for Learning Objectives

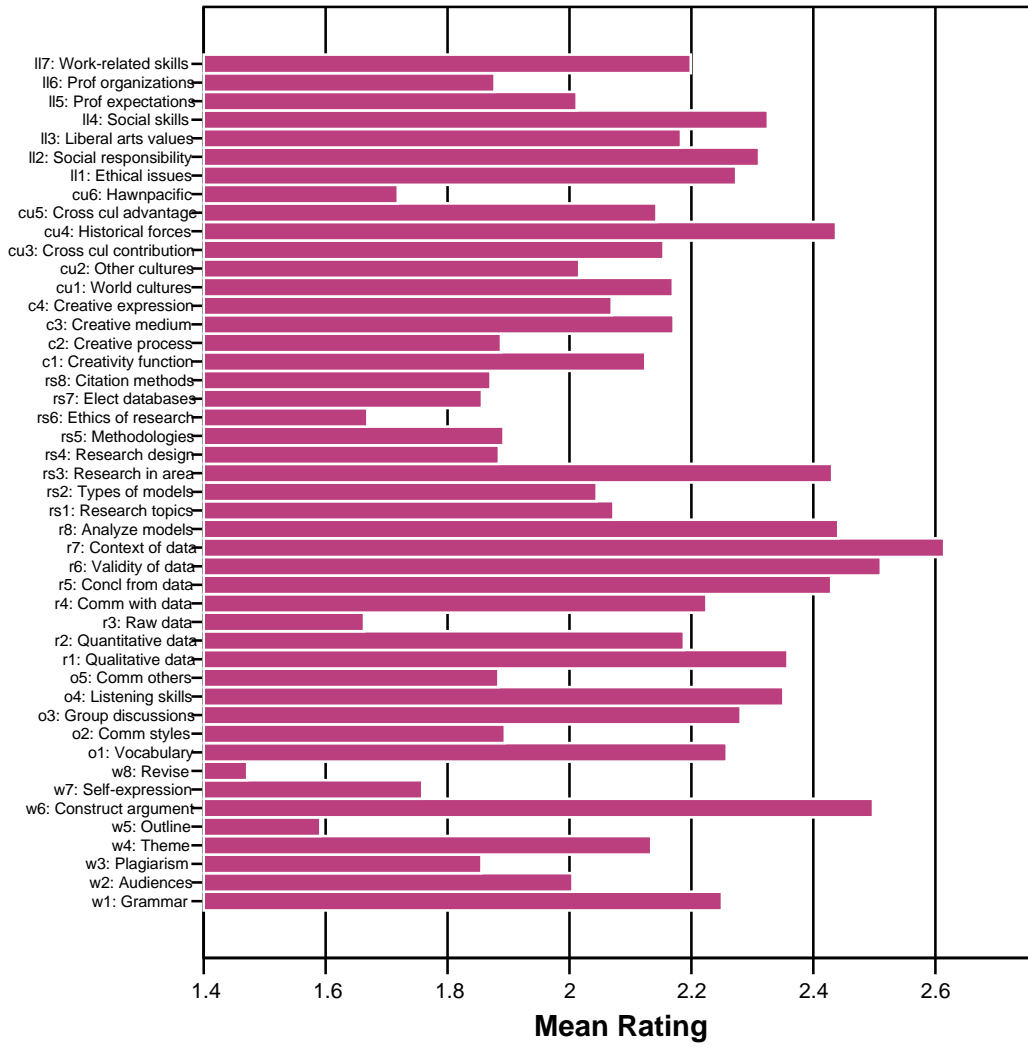


Table of Mean ratings

	Mean
w1: Grammar	N=2.25
w2: Audiences	N=2.01
w3: Plagiarism	N=1.86
w4: Theme	N=2.13
w5: Outline	N=1.59
w6: Construct argument	N=2.50
w7: Self-expression	N=1.76
w8: Revise	N=1.47
o1: Vocabulary	N=2.26
o2: Comm styles	N=1.89
o3: Group discussions	N=2.28
o4: Listening skills	N=2.35
o5: Comm others	N=1.88
r1: Qualitative data	N=2.36
r2: Quantitative data	N=2.19
r3: Raw data	N=1.66
r4: Comm with data	N=2.22
r5: Concl from data	N=2.43
r6: Validity of data	N=2.51
r7: Context of data	N=2.61
r8: Analyze models	N=2.44
rs1: Research topics	N=2.07
rs2: Types of models	N=2.04
rs3: Research in area	N=2.43
rs4: Research design	N=1.88
rs5: Methodologies	N=1.89
rs6: Ethics of research	N=1.67
rs7: Elect databases	N=1.86
rs8: Citation methods	N=1.87
c1: Creativity function	N=2.12
c2: Creative process	N=1.89
c3: Creative medium	N=2.17
c4: Creative expression	N=2.07
cu1: World cultures	N=2.17
cu2: Other cultures	N=2.02
cu3: Cross cul contribution	N=2.15
cu4: Historical forces	N=2.44
cu5: Cross cul advantage	N=2.14
cu6: Hawnpacific	N=1.72
ll1: Ethical issues	N=2.27
ll2: Social responsibility	N=2.31
ll3: Liberal arts values	N=2.18
ll4: Social skills	N=2.33
ll5: Prof expectations	N=2.01
ll6: Prof organizations	N=1.88
ll7: Work-related skills	N=2.20

Crosstabs of Learning Objectives by Division

(Note: Socsc/ProSt reflects the Socsc and ProSt classes, eg Statistics and Methods)

This section shows the breakdown of each learning objective by division. Note that these results reflect the data from how the instructors rated their courses. The crosstabs below show each breakdown, but for this description, only large or surprising differences will be mentioned.

Generally, the Humanities and the Social Sciences give more emphasis on the written objectives, which is expected. Large differences exist with (w4) "Develop a theme, thesis, or hypothesis pertinent to the students' area of concentration" where 73% of Humanities courses respond with "A lot" while only 40% of Prof Studies and Social Science courses do the same. Written objective (w8) "Revise and edit their own and others' writing" is surprising for the small percentage of "A lot" result from the Social Science courses. Only 8% indicated "A lot" while 53% indicated "None".

The Professional Studies division generally has greater levels of emphasis for the oral communication objectives. For example, for (o3) "Function effectively in group discussions in an area of academic concentration, being able to facilitate discussions, contribute constructively, listen sensitively, and express understanding of others' viewpoints, and summarize both content and process", the Professional Studies division had 91% of the courses as "A lot" while Humanities had 75% and Social Science had 37%. Further for (o4) "Demonstrate knowledge of listening skills" the results for "A lot" were 82%, 64% and 39% for Professional Studies, Humanities, and Social Science respectively.

The Professional Studies division indicated a strong emphasis on Analytical, Quantitative, and Qualitative Reasoning, especially for (r4) "Communicate Using Data" (r5) "Draw conclusions and interpretations based on data" (r6) "Assess the validity of conclusions derived from data" and (r7) "Recognize that data do not have self-evident value, but must be interpreted in a social context".

The Professional Studies division also indicated a strong emphasis on the Creativity objective, with higher "A lot" emphasis than Humanities or Social Sciences.

The Humanities generally had higher levels of emphasis for the objective of Cultural Awareness, however for (cu6) "Appreciate the complexities of Hawaiian/Pacific society and culture both in traditional and contemporary eras" the percentages of "A lot" of emphasis was generally less than the other categories, with percentages of 52%, 22% and 8%, for Social Sciences, Humanities and Professional Studies respectively.

For the objective of Lifelong Learning, the Professional Studies division indicated strong emphasis on (ll4) "Demonstrate social interaction skills in a group and/or work environment" and (ll7) "Demonstrate work-related skills and attitudes in their fields of study", in both cases over 90% of the responses for that division indicated that they devoted "A lot" of emphasis to those objectives.

Division * w1: Grammar Crosstabulation

			w1: Grammer				Total
			None	Little	Some	A lot	
Division	Humanities	Count		3	22	32	57
		% within Division		5.3%	38.6%	56.1%	100.0%
	Prof Studies	Count		3	33	25	61
		% within Division		4.9%	54.1%	41.0%	100.0%
	Social Science	Count	7	32	19	62	120
		% within Division	5.8%	26.7%	15.8%	51.7%	100.0%
	Socsc/ProSt	Count		13	4	8	25
		% within Division		52.0%	16.0%	32.0%	100.0%
Total		Count	7	51	78	127	263
		% within Division	2.7%	19.4%	29.7%	48.3%	100.0%

Division * w2: Audiences Crosstabulation

			w2: Audiences				Total
			None	Little	Some	A lot	
Division	Humanities	Count	1	7	33	15	56
		% within Division	1.8%	12.5%	58.9%	26.8%	100.0%
	Prof Studies	Count		1	37	21	59
		% within Division		1.7%	62.7%	35.6%	100.0%
	Social Science	Count	13	20	58	26	117
		% within Division	11.1%	17.1%	49.6%	22.2%	100.0%
	Socsc/ProSt	Count		19		6	25
		% within Division		76.0%		24.0%	100.0%
Total		Count	14	47	128	68	257
		% within Division	5.4%	18.3%	49.8%	26.5%	100.0%

Division * w3: Plagiarism Crosstabulation

			w3: Plagirism				Total
			None	Little	Some	A lot	
Division	Humanities	Count		5	18	28	51
		% within Division		9.8%	35.3%	54.9%	100.0%
	Prof Studies	Count		31	8	26	65
		% within Division		47.7%	12.3%	40.0%	100.0%
	Social Science	Count	30	14	38	37	119
		% within Division	25.2%	11.8%	31.9%	31.1%	100.0%
	Socsc/ProSt	Count	13	3	1	8	25
		% within Division	52.0%	12.0%	4.0%	32.0%	100.0%
Total		Count	43	53	65	99	260
		% within Division	16.5%	20.4%	25.0%	38.1%	100.0%

Division * w4: Theme Crosstabulation

			w4: Theme				Total
			None	Little	Some	A lot	
Division	Humanities	Count		2	13	41	56
		% within Division		3.6%	23.2%	73.2%	100.0%
	Prof Studies	Count	1	23	13	24	61
		% within Division	1.6%	37.7%	21.3%	39.3%	100.0%
	Social Science	Count	16	18	32	44	110
		% within Division	14.5%	16.4%	29.1%	40.0%	100.0%
	Socsc/ProSt	Count	2	4	13	6	25
		% within Division	8.0%	16.0%	52.0%	24.0%	100.0%
Total		Count	19	47	71	115	252
		% within Division	7.5%	18.7%	28.2%	45.6%	100.0%

Division * w5: Outline Crosstabulation

			w5: Outline				Total
			None	Little	Some	A lot	
Division	Humanities	Count	3	3	30	15	51
		% within Division	5.9%	5.9%	58.8%	29.4%	100.0%
	Prof Studies	Count	5	19	22	19	65
		% within Division	7.7%	29.2%	33.8%	29.2%	100.0%
	Social Science	Count	48	11	17	17	93
		% within Division	51.6%	11.8%	18.3%	18.3%	100.0%
	Socsc/ProSt	Count	15	4		6	25
		% within Division	60.0%	16.0%		24.0%	100.0%
Total		Count	71	37	69	57	234
		% within Division	30.3%	15.8%	29.5%	24.4%	100.0%

Division * w6: Construct argument Crosstabulation

			w6: Construct argument				Total
			None	Little	Some	A lot	
Division	Humanities	Count		1	8	47	56
		% within Division		1.8%	14.3%	83.9%	100.0%
	Prof Studies	Count		4	24	37	65
		% within Division		6.2%	36.9%	56.9%	100.0%
	Social Science	Count	13	12	16	79	120
		% within Division	10.8%	10.0%	13.3%	65.8%	100.0%
	Socsc/ProSt	Count	2	3	1	19	25
		% within Division	8.0%	12.0%	4.0%	76.0%	100.0%
Total		Count	15	20	49	182	266
		% within Division	5.6%	7.5%	18.4%	68.4%	100.0%

Division * w7: Self-expression Crosstabulation

			w7: Self-expression				Total
			None	Little	Some	A lot	
Division	Humanities	Count	1	6	27	23	57
		% within Division	1.8%	10.5%	47.4%	40.4%	100.0%
	Prof Studies	Count	7	12	27	19	65
		% within Division	10.8%	18.5%	41.5%	29.2%	100.0%
	Social Science	Count	24	24	24	46	118
		% within Division	20.3%	20.3%	20.3%	39.0%	100.0%
	Socsc/ProSt	Count	17	4	4		25
		% within Division	68.0%	16.0%	16.0%		100.0%
Total		Count	49	46	82	88	265
		% within Division	18.5%	17.4%	30.9%	33.2%	100.0%

Division * w8: Revise Crosstabulation

			w8: Revise				Total
			None	Little	Some	A lot	
Division	Humanities	Count	4	8	25	20	57
		% within Division	7.0%	14.0%	43.9%	35.1%	100.0%
	Prof Studies	Count	2	15	20	12	49
		% within Division	4.1%	30.6%	40.8%	24.5%	100.0%
	Social Science	Count	60	25	19	9	113
		% within Division	53.1%	22.1%	16.8%	8.0%	100.0%
	Socsc/ProSt	Count	13	2	5	5	25
		% within Division	52.0%	8.0%	20.0%	20.0%	100.0%
Total		Count	79	50	69	46	244
		% within Division	32.4%	20.5%	28.3%	18.9%	100.0%

Division * o1: Vocabulary Crosstabulation

			o1: Vocabulary				Total
			None	Little	Some	A lot	
Division	Humanities	Count		9	18	23	50
		% within Division		18.0%	36.0%	46.0%	100.0%
	Prof Studies	Count		1	10	42	53
		% within Division		1.9%	18.9%	79.2%	100.0%
	Social Science	Count	9	8	35	59	111
		% within Division	8.1%	7.2%	31.5%	53.2%	100.0%
	Socsc/ProSt	Count	13		7	5	25
		% within Division	52.0%		28.0%	20.0%	100.0%
Total		Count	22	18	70	129	239
		% within Division	9.2%	7.5%	29.3%	54.0%	100.0%

Division * o2: Comm styles Crosstabulation

			o2: Comm styles				Total
			None	Little	Some	A lot	
Division	Humanities	Count	2	15	17	15	49
		% within Division	4.1%	30.6%	34.7%	30.6%	100.0%
	Prof Studies	Count	4	10	2	49	65
		% within Division	6.2%	15.4%	3.1%	75.4%	100.0%
	Social Science	Count	18	12	43	45	118
		% within Division	15.3%	10.2%	36.4%	38.1%	100.0%
	Socsc/ProSt	Count	15	9	1		25
		% within Division	60.0%	36.0%	4.0%		100.0%
Total		Count	39	46	63	109	257
		% within Division	15.2%	17.9%	24.5%	42.4%	100.0%

Division * o3: Group discussions Crosstabulation

			o3: Group discussions				Total
			None	Little	Some	A lot	
Division	Humanities	Count		4	10	43	57
		% within Division		7.0%	17.5%	75.4%	100.0%
	Prof Studies	Count		5	1	59	65
		% within Division		7.7%	1.5%	90.8%	100.0%
	Social Science	Count	5	34	37	44	120
		% within Division	4.2%	28.3%	30.8%	36.7%	100.0%
	Socsc/ProSt	Count	7	3	1	4	15
		% within Division	46.7%	20.0%	6.7%	26.7%	100.0%
Total		Count	12	46	49	150	257
		% within Division	4.7%	17.9%	19.1%	58.4%	100.0%

Division * o4: Listening skills Crosstabulation

			o4: Listening skills				Total
			None	Little	Some	A lot	
Division	Humanities	Count	1	3	12	29	45
		% within Division	2.2%	6.7%	26.7%	64.4%	100.0%
	Prof Studies	Count		3	9	53	65
		% within Division		4.6%	13.8%	81.5%	100.0%
	Social Science	Count	1	25	47	47	120
		% within Division	.8%	20.8%	39.2%	39.2%	100.0%
	Socsc/ProSt	Count		8	7		15
		% within Division		53.3%	46.7%		100.0%
Total		Count	2	39	75	129	245
		% within Division	.8%	15.9%	30.6%	52.7%	100.0%

Division * o5: Comm others Crosstabulation

			o5: Comm others				Total
			None	Little	Some	A lot	
Division	Humanities	Count	3	8	17	19	47
		% within Division	6.4%	17.0%	36.2%	40.4%	100.0%
	Prof Studies	Count	1	3	24	37	65
		% within Division	1.5%	4.6%	36.9%	56.9%	100.0%
	Social Science	Count	20	32	38	26	116
		% within Division	17.2%	27.6%	32.8%	22.4%	100.0%
	Socsc/ProSt	Count	5	7	1	2	15
		% within Division	33.3%	46.7%	6.7%	13.3%	100.0%
Total		Count	29	50	80	84	243
		% within Division	11.9%	20.6%	32.9%	34.6%	100.0%

Division * r1: Qualitative data Crosstabulation

			r1: Qualitative data				Total
			None	Little	Some	A lot	
Division	Humanities	Count	1		16	39	56
		% within Division	1.8%		28.6%	69.6%	100.0%
	Prof Studies	Count		11	19	35	65
		% within Division		16.9%	29.2%	53.8%	100.0%
	Social Science	Count		21	33	66	120
		% within Division		17.5%	27.5%	55.0%	100.0%
	Socsc/ProSt	Count		19	5	1	25
		% within Division		76.0%	20.0%	4.0%	100.0%
Total		Count	1	51	73	141	266
		% within Division	.4%	19.2%	27.4%	53.0%	100.0%

Division * r2: Quantitative data Crosstabulation

			r2: Quantitative data				Total
			None	Little	Some	A lot	
Division	Humanities	Count	3	27	11	10	51
		% within Division	5.9%	52.9%	21.6%	19.6%	100.0%
	Prof Studies	Count		5	15	33	53
		% within Division		9.4%	28.3%	62.3%	100.0%
	Social Science	Count	1	27	40	44	112
		% within Division	.9%	24.1%	35.7%	39.3%	100.0%
	Socsc/ProSt	Count		3		22	25
		% within Division		12.0%		88.0%	100.0%
Total		Count	4	62	66	109	241
		% within Division	1.7%	25.7%	27.4%	45.2%	100.0%

Division * r3: Raw data Crosstabulation

			r3: Raw data				Total
			None	Little	Some	A lot	
Division	Humanities	Count	4	12	17	13	46
		% within Division	8.7%	26.1%	37.0%	28.3%	100.0%
	Prof Studies	Count	4	8	12	23	47
		% within Division	8.5%	17.0%	25.5%	48.9%	100.0%
	Social Science	Count	39	17	28	22	106
		% within Division	36.8%	16.0%	26.4%	20.8%	100.0%
	Socsc/ProSt	Count	5	1	3	16	25
		% within Division	20.0%	4.0%	12.0%	64.0%	100.0%
Total		Count	52	38	60	74	224
		% within Division	23.2%	17.0%	26.8%	33.0%	100.0%

Division * r4: Comm with data Crosstabulation

			r4: Comm with data				Total
			None	Little	Some	A lot	
Division	Humanities	Count	1	6	24	18	49
		% within Division	2.0%	12.2%	49.0%	36.7%	100.0%
	Prof Studies	Count		1	12	50	63
		% within Division		1.6%	19.0%	79.4%	100.0%
	Social Science	Count	16	19	36	40	111
		% within Division	14.4%	17.1%	32.4%	36.0%	100.0%
	Socsc/ProSt	Count	2		4	19	25
		% within Division	8.0%		16.0%	76.0%	100.0%
Total		Count	19	26	76	127	248
		% within Division	7.7%	10.5%	30.6%	51.2%	100.0%

Division * r5: Concl from data Crosstabulation

			r5: Concl from data				Total
			None	Little	Some	A lot	
Division	Humanities	Count	1	5	20	22	48
		% within Division	2.1%	10.4%	41.7%	45.8%	100.0%
	Prof Studies	Count		1	12	52	65
		% within Division		1.5%	18.5%	80.0%	100.0%
	Social Science	Count	13	12	30	59	114
		% within Division	11.4%	10.5%	26.3%	51.8%	100.0%
	Socsc/ProSt	Count		2	1	22	25
		% within Division		8.0%	4.0%	88.0%	100.0%
Total		Count	14	20	63	155	252
		% within Division	5.6%	7.9%	25.0%	61.5%	100.0%

Division * r6: Validity of data Crosstabulation

			r6: Validity of data				Total
			None	Little	Some	A lot	
Division	Humanities	Count	1	5	17	28	51
		% within Division	2.0%	9.8%	33.3%	54.9%	100.0%
	Prof Studies	Count		1	4	42	47
		% within Division		2.1%	8.5%	89.4%	100.0%
	Social Science	Count		24	27	58	109
		% within Division		22.0%	24.8%	53.2%	100.0%
	Socsc/ProSt	Count		2	1	22	25
		% within Division		8.0%	4.0%	88.0%	100.0%
Total	Count		1	32	49	150	232
	% within Division		.4%	13.8%	21.1%	64.7%	100.0%

Division * r7: Context of data Crosstabulation

			r7: Context of data				Total
			None	Little	Some	A lot	
Division	Humanities	Count		9	14	29	52
		% within Division		17.3%	26.9%	55.8%	100.0%
	Prof Studies	Count		1	2	46	49
		% within Division		2.0%	4.1%	93.9%	100.0%
	Social Science	Count	1	7	26	80	114
		% within Division	.9%	6.1%	22.8%	70.2%	100.0%
	Socsc/ProSt	Count		3	3	19	25
		% within Division		12.0%	12.0%	76.0%	100.0%
Total	Count		1	20	45	174	240
	% within Division		.4%	8.3%	18.8%	72.5%	100.0%

Division * r8: Analyze models Crosstabulation

			r8: Analyze models				Total
			None	Little	Some	A lot	
Division	Humanities	Count	3	14	6	19	42
		% within Division	7.1%	33.3%	14.3%	45.2%	100.0%
	Prof Studies	Count	2		16	31	49
		% within Division	4.1%		32.7%	63.3%	100.0%
	Social Science	Count		10	16	80	106
		% within Division		9.4%	15.1%	75.5%	100.0%
	Socsc/ProSt	Count	2	4	1	18	25
		% within Division	8.0%	16.0%	4.0%	72.0%	100.0%
Total	Count		7	28	39	148	222
	% within Division		3.2%	12.6%	17.6%	66.7%	100.0%

Division * rs1: Research topics Crosstabulation

			rs1: Research topics				Total
			None	Little	Some	A lot	
Division	Humanities	Count	2	12	20	19	53
		% within Division	3.8%	22.6%	37.7%	35.8%	100.0%
	Prof Studies	Count		3	19	43	65
		% within Division		4.6%	29.2%	66.2%	100.0%
Division	Social Science	Count	16	35	15	39	105
		% within Division	15.2%	33.3%	14.3%	37.1%	100.0%
	Socsc/ProSt	Count		5	14	6	25
		% within Division		20.0%	56.0%	24.0%	100.0%
Total		Count	18	55	68	107	248
		% within Division	7.3%	22.2%	27.4%	43.1%	100.0%

Division * rs2: Types of models Crosstabulation

			rs2: Types of models				Total
			None	Little	Some	A lot	
Division	Humanities	Count	5	13	17	12	47
		% within Division	10.6%	27.7%	36.2%	25.5%	100.0%
	Prof Studies	Count	1	5	40	19	65
		% within Division	1.5%	7.7%	61.5%	29.2%	100.0%
Division	Social Science	Count	4	11	38	47	100
		% within Division	4.0%	11.0%	38.0%	47.0%	100.0%
	Socsc/ProSt	Count	2	11	4	5	22
		% within Division	9.1%	50.0%	18.2%	22.7%	100.0%
Total		Count	12	40	99	83	234
		% within Division	5.1%	17.1%	42.3%	35.5%	100.0%

Division * rs3: Research in area Crosstabulation

			rs3: Research in area				Total
			None	Little	Some	A lot	
Division	Humanities	Count	3	7	18	25	53
		% within Division	5.7%	13.2%	34.0%	47.2%	100.0%
	Prof Studies	Count			15	38	53
		% within Division			28.3%	71.7%	100.0%
Division	Social Science	Count	3	7	21	70	101
		% within Division	3.0%	6.9%	20.8%	69.3%	100.0%
	Socsc/ProSt	Count	1	10	6	5	22
		% within Division	4.5%	45.5%	27.3%	22.7%	100.0%
Total		Count	7	24	60	138	229
		% within Division	3.1%	10.5%	26.2%	60.3%	100.0%

Division * rs4: Research design Crosstabulation

			rs4: Research design				Total
			None	Little	Some	A lot	
Division	Humanities	Count	4	13	15	11	43
		% within Division	9.3%	30.2%	34.9%	25.6%	100.0%
	Prof Studies	Count	1		36	12	49
		% within Division	2.0%		73.5%	24.5%	100.0%
	Social Science	Count	4	35	24	31	94
		% within Division	4.3%	37.2%	25.5%	33.0%	100.0%
	Socsc/ProSt	Count	10	6		6	22
		% within Division	45.5%	27.3%		27.3%	100.0%
Total		Count	19	54	75	60	208
		% within Division	9.1%	26.0%	36.1%	28.8%	100.0%

Division * rs5: Methodologies Crosstabulation

			rs5: Methodologies				Total
			None	Little	Some	A lot	
Division	Humanities	Count	4	17	15	9	45
		% within Division	8.9%	37.8%	33.3%	20.0%	100.0%
	Prof Studies	Count		21	26	18	65
		% within Division		32.3%	40.0%	27.7%	100.0%
	Social Science	Count	6	18	43	45	112
		% within Division	5.4%	16.1%	38.4%	40.2%	100.0%
	Socsc/ProSt	Count	11	5	4	5	25
		% within Division	44.0%	20.0%	16.0%	20.0%	100.0%
Total		Count	21	61	88	77	247
		% within Division	8.5%	24.7%	35.6%	31.2%	100.0%

Division * rs6: Ethics of research Crosstabulation

			rs6: Ethics of research				Total
			None	Little	Some	A lot	
Division	Humanities	Count	5	15	15	4	39
		% within Division	12.8%	38.5%	38.5%	10.3%	100.0%
	Prof Studies	Count		11	23	31	65
		% within Division		16.9%	35.4%	47.7%	100.0%
	Social Science	Count	27	16	25	28	96
		% within Division	28.1%	16.7%	26.0%	29.2%	100.0%
	Socsc/ProSt	Count	10	9	1	5	25
		% within Division	40.0%	36.0%	4.0%	20.0%	100.0%
Total		Count	42	51	64	68	225
		% within Division	18.7%	22.7%	28.4%	30.2%	100.0%

Division * rs7: Elect databases Crosstabulation

			rs7: Elect databases				Total
			None	Little	Some	A lot	
Division	Humanities	Count	6	9	14	21	50
		% within Division	12.0%	18.0%	28.0%	42.0%	100.0%
	Prof Studies	Count	1	3	21	40	65
		% within Division	1.5%	4.6%	32.3%	61.5%	100.0%
	Social Science	Count	29	26	29	14	98
		% within Division	29.6%	26.5%	29.6%	14.3%	100.0%
	Socsc/ProSt	Count		13	5	7	25
		% within Division		52.0%	20.0%	28.0%	100.0%
Total		Count	36	51	69	82	238
		% within Division	15.1%	21.4%	29.0%	34.5%	100.0%

Division * rs8: Citation methods Crosstabulation

			rs8: Citation methods				Total
			None	Little	Some	A lot	
Division	Humanities	Count	5	5	25	21	56
		% within Division	8.9%	8.9%	44.6%	37.5%	100.0%
	Prof Studies	Count		3	17	33	53
		% within Division		5.7%	32.1%	62.3%	100.0%
	Social Science	Count	28	28	36	28	120
		% within Division	23.3%	23.3%	30.0%	23.3%	100.0%
	Socsc/ProSt	Count	12	4	3	6	25
		% within Division	48.0%	16.0%	12.0%	24.0%	100.0%
Total		Count	45	40	81	88	254
		% within Division	17.7%	15.7%	31.9%	34.6%	100.0%

Division * c1: Creativity function Crosstabulation

			c1: Creativity function				Total
			None	Little	Some	A lot	
Division	Humanities	Count	3	5	18	29	55
		% within Division	5.5%	9.1%	32.7%	52.7%	100.0%
	Prof Studies	Count		12	10	42	64
		% within Division		18.8%	15.6%	65.6%	100.0%
	Social Science	Count	9	19	39	48	115
		% within Division	7.8%	16.5%	33.9%	41.7%	100.0%
	Socsc/ProSt	Count	2	18	1	1	22
		% within Division	9.1%	81.8%	4.5%	4.5%	100.0%
Total		Count	14	54	68	120	256
		% within Division	5.5%	21.1%	26.6%	46.9%	100.0%

Division * c2: Creative process Crosstabulation

			c2: Creative process				Total
			None	Little	Some	A lot	
Division	Humanities	Count	5	6	21	23	55
		% within Division	9.1%	10.9%	38.2%	41.8%	100.0%
	Prof Studies	Count	1	8	9	43	61
		% within Division	1.6%	13.1%	14.8%	70.5%	100.0%
	Social Science	Count	21	22	23	35	101
		% within Division	20.8%	21.8%	22.8%	34.7%	100.0%
	Socsc/ProSt	Count	2	18	2		22
		% within Division	9.1%	81.8%	9.1%		100.0%
Total		Count	29	54	55	101	239
		% within Division	12.1%	22.6%	23.0%	42.3%	100.0%

Division * c3: Creative medium Crosstabulation

			c3: Creative medium				Total
			None	Little	Some	A lot	
Division	Humanities	Count	3	7	13	33	56
		% within Division	5.4%	12.5%	23.2%	58.9%	100.0%
	Prof Studies	Count	1	2	5	55	63
		% within Division	1.6%	3.2%	7.9%	87.3%	100.0%
	Social Science	Count	22	10	28	60	120
		% within Division	18.3%	8.3%	23.3%	50.0%	100.0%
	Socsc/ProSt	Count		21	3	1	25
		% within Division		84.0%	12.0%	4.0%	100.0%
Total		Count	26	40	49	149	264
		% within Division	9.8%	15.2%	18.6%	56.4%	100.0%

Division * c4: Creative expression Crosstabulation

			c4: Creative expression				Total
			None	Little	Some	A lot	
Division	Humanities	Count	2	6	18	31	57
		% within Division	3.5%	10.5%	31.6%	54.4%	100.0%
	Prof Studies	Count	9	2	3	47	61
		% within Division	14.8%	3.3%	4.9%	77.0%	100.0%
	Social Science	Count	20	8	14	63	105
		% within Division	19.0%	7.6%	13.3%	60.0%	100.0%
	Socsc/ProSt	Count	9	11	2		22
		% within Division	40.9%	50.0%	9.1%		100.0%
Total		Count	40	27	37	141	245
		% within Division	16.3%	11.0%	15.1%	57.6%	100.0%

Division * cu1: World cultures Crosstabulation

			cu1: World cultures				Total
			None	Little	Some	A lot	
Division	Humanities	Count	3	6	9	38	56
		% within Division	5.4%	10.7%	16.1%	67.9%	100.0%
	Prof Studies	Count	8	3	26	26	63
		% within Division	12.7%	4.8%	41.3%	41.3%	100.0%
	Social Science	Count	8	21	23	61	113
		% within Division	7.1%	18.6%	20.4%	54.0%	100.0%
	Socsc/ProSt	Count	3	4	4		11
		% within Division	27.3%	36.4%	36.4%		100.0%
Total		Count	22	34	62	125	243
		% within Division	9.1%	14.0%	25.5%	51.4%	100.0%

Division * cu2: Other cultures Crosstabulation

			cu2: Other cultures				Total
			None	Little	Some	A lot	
Division	Humanities	Count	5	4	10	37	56
		% within Division	8.9%	7.1%	17.9%	66.1%	100.0%
	Prof Studies	Count	9	3	27	21	60
		% within Division	15.0%	5.0%	45.0%	35.0%	100.0%
	Social Science	Count	13	19	21	60	113
		% within Division	11.5%	16.8%	18.6%	53.1%	100.0%
	Socsc/ProSt	Count	5	4	1		10
		% within Division	50.0%	40.0%	10.0%		100.0%
Total		Count	32	30	59	118	239
		% within Division	13.4%	12.6%	24.7%	49.4%	100.0%

Division * cu3: Cross cul contribution Crosstabulation

			cu3: Cross cul contribution				Total
			None	Little	Some	A lot	
Division	Humanities	Count	4	4	13	36	57
		% within Division	7.0%	7.0%	22.8%	63.2%	100.0%
	Prof Studies	Count	8	4	13	21	46
		% within Division	17.4%	8.7%	28.3%	45.7%	100.0%
	Social Science	Count	6	17	21	63	107
		% within Division	5.6%	15.9%	19.6%	58.9%	100.0%
	Socsc/ProSt	Count	3	6	1		10
		% within Division	30.0%	60.0%	10.0%		100.0%
Total		Count	21	31	48	120	220
		% within Division	9.5%	14.1%	21.8%	54.5%	100.0%

Division * cu4: Historical forces Crosstabulation

			cu4: Historical forces				Total
			None	Little	Some	A lot	
Division	Humanities	Count	6		8	43	57
		% within Division	10.5%		14.0%	75.4%	100.0%
	Prof Studies	Count	8	2	13	24	47
		% within Division	17.0%	4.3%	27.7%	51.1%	100.0%
	Social Science	Count	2	9	13	92	116
		% within Division	1.7%	7.8%	11.2%	79.3%	100.0%
	Socsc/ProSt	Count	3	4		3	10
		% within Division	30.0%	40.0%		30.0%	100.0%
Total		Count	19	15	34	162	230
		% within Division	8.3%	6.5%	14.8%	70.4%	100.0%

Division * cu5: Cross cul advantage Crosstabulation

			cu5: Cross cul advantage				Total
			None	Little	Some	A lot	
Division	Humanities	Count	4	3	24	26	57
		% within Division	7.0%	5.3%	42.1%	45.6%	100.0%
	Prof Studies	Count	8	7	20	25	60
		% within Division	13.3%	11.7%	33.3%	41.7%	100.0%
	Social Science	Count	2	14	27	65	108
		% within Division	1.9%	13.0%	25.0%	60.2%	100.0%
	Socsc/ProSt	Count	5	4	2		11
		% within Division	45.5%	36.4%	18.2%		100.0%
Total		Count	19	28	73	116	236
		% within Division	8.1%	11.9%	30.9%	49.2%	100.0%

Division * cu6: Hawnpacific Crosstabulation

			cu6: Hawnpacific				Total
			None	Little	Some	A lot	
Division	Humanities	Count	13	12	17	12	54
		% within Division	24.1%	22.2%	31.5%	22.2%	100.0%
	Prof Studies	Count	10	6	40	5	61
		% within Division	16.4%	9.8%	65.6%	8.2%	100.0%
	Social Science	Count	4	22	21	51	98
		% within Division	4.1%	22.4%	21.4%	52.0%	100.0%
	Socsc/ProSt	Count	3	4	3		10
		% within Division	30.0%	40.0%	30.0%		100.0%
Total		Count	30	44	81	68	223
		% within Division	13.5%	19.7%	36.3%	30.5%	100.0%

Division * II1: Ethical issues Crosstabulation

			II1: Ethical issues				Total
			None	Little	Some	A lot	
Division	Humanities	Count	5	5	30	8	48
		% within Division	10.4%	10.4%	62.5%	16.7%	100.0%
	Prof Studies	Count			11	54	65
		% within Division			16.9%	83.1%	100.0%
	Social Science	Count		26	32	60	118
		% within Division		22.0%	27.1%	50.8%	100.0%
	Socsc/ProSt	Count		3	5	6	14
		% within Division		21.4%	35.7%	42.9%	100.0%
Total		Count	5	34	78	128	245
		% within Division	2.0%	13.9%	31.8%	52.2%	100.0%

Division * II2: Social responsibility Crosstabulation

			II2: Social responsibility				Total
			None	Little	Some	A lot	
Division	Humanities	Count	1	13	20	18	52
		% within Division	1.9%	25.0%	38.5%	34.6%	100.0%
	Prof Studies	Count		3	15	47	65
		% within Division		4.6%	23.1%	72.3%	100.0%
	Social Science	Count		24	23	65	112
		% within Division		21.4%	20.5%	58.0%	100.0%
	Socsc/ProSt	Count		3	6	5	14
		% within Division		21.4%	42.9%	35.7%	100.0%
Total		Count	1	43	64	135	243
		% within Division	.4%	17.7%	26.3%	55.6%	100.0%

Division * II3: Liberal arts values Crosstabulation

			II3: Liberal arts values				Total
			None	Little	Some	A lot	
Division	Humanities	Count		14	28	14	56
		% within Division		25.0%	50.0%	25.0%	100.0%
	Prof Studies	Count	9	3	17	35	64
		% within Division	14.1%	4.7%	26.6%	54.7%	100.0%
	Social Science	Count	1	18	37	58	114
		% within Division	.9%	15.8%	32.5%	50.9%	100.0%
	Socsc/ProSt	Count	2	4	3	4	13
		% within Division	15.4%	30.8%	23.1%	30.8%	100.0%
Total		Count	12	39	85	111	247
		% within Division	4.9%	15.8%	34.4%	44.9%	100.0%

Division * II4: Social skills Crosstabulation

			II4: Social skills				Total
			None	Little	Some	A lot	
Division	Humanities	Count		4	19	31	54
		% within Division		7.4%	35.2%	57.4%	100.0%
	Prof Studies	Count		2		62	64
		% within Division		3.1%		96.9%	100.0%
	Social Science	Count	8	22	34	56	120
		% within Division	6.7%	18.3%	28.3%	46.7%	100.0%
	Socsc/ProSt	Count		19		4	23
		% within Division		82.6%		17.4%	100.0%
Total		Count	8	47	53	153	261
		% within Division	3.1%	18.0%	20.3%	58.6%	100.0%

Division * II5: Prof expectations Crosstabulation

			II5: Prof expectations				Total
			None	Little	Some	A lot	
Division	Humanities	Count		19	11	9	39
		% within Division		48.7%	28.2%	23.1%	100.0%
	Prof Studies	Count		9	8	45	62
		% within Division		14.5%	12.9%	72.6%	100.0%
	Social Science	Count	8	17	43	34	102
		% within Division	7.8%	16.7%	42.2%	33.3%	100.0%
	Socsc/ProSt	Count		3	17		20
		% within Division		15.0%	85.0%		100.0%
Total		Count	8	48	79	88	223
		% within Division	3.6%	21.5%	35.4%	39.5%	100.0%

Division * II6: Prof organizations Crosstabulation

			II6: Prof organizations				Total
			None	Little	Some	A lot	
Division	Humanities	Count	4	18	17		39
		% within Division	10.3%	46.2%	43.6%		100.0%
	Prof Studies	Count	8	2	19	36	65
		% within Division	12.3%	3.1%	29.2%	55.4%	100.0%
	Social Science	Count	5	26	51	22	104
		% within Division	4.8%	25.0%	49.0%	21.2%	100.0%
	Socsc/ProSt	Count		1	16	4	21
		% within Division		4.8%	76.2%	19.0%	100.0%
Total		Count	17	47	103	62	229
		% within Division	7.4%	20.5%	45.0%	27.1%	100.0%

Division * I17: Work-related skills Crosstabulation

			I17: Work-related skills				Total
			None	Little	Some	A lot	
Division	Humanities	Count		16	14	10	40
		% within Division		40.0%	35.0%	25.0%	100.0%
	Prof Studies	Count		1	3	61	65
		% within Division		1.5%	4.6%	93.8%	100.0%
	Social Science	Count	6	18	35	41	100
		% within Division	6.0%	18.0%	35.0%	41.0%	100.0%
	Socsc/ProSt	Count		2	15	4	21
		% within Division		9.5%	71.4%	19.0%	100.0%
Total		Count	6	37	67	116	226
		% within Division	2.7%	16.4%	29.6%	51.3%	100.0%