

Students' Course Evaluation 2024-25 and Teacher Evaluation 2024-25

2025-06-05

The HEC's Proformae Students course evaluation and Teacher Evaluation from Fall-2022 to Spring-2025 were analysed on the basis of likert scale (1-5) received from students' portal LMS for following semesters:

July-Dec 2022 (Fall 2022)
Jan-June 2023 (Spring 2023)
July-Dec 2023 (Fall 2023)
Jan-June 2024 (Spring 2024)
July-Dec 2024 (Fall 2024)
Jan-June 2025 (Spring 2025)

Mean ratings and response counts for each course and teacher were shared with departments, providing valuable feedback for improvement.

The Analysis is performed for the Main Campus (Jamshoro) and four Additional Campuses as below:

Table 1: Names of Additional Campuses

CAMPUS
SINDH UNIVERSITY LAAR CAMPUS @ BADIN
MOHTARMA BENAZIR BHUTTO SHAHEED CAMPUS DADU
SINDH UNIVERSITY CAMPUS THATTA
SYED ALLAHANDO SHAH CAMPUS NAUSHAHRO FERAZ

Multiple semesters with differing counts

The number of survey forms filled up during various Semesters is listed below.

Table 2: Number of survey form fill-up responses

SEMESTER	Responses
Fall-2022	9272
Fall-2023	2227
Fall-2024	2928
Spring-2023	5275
Spring-2024	5434
Spring-2025	8883

Table 3: Overall Statistics of survey responses

SEMESTER	Responses	Mean	Median	Min	Max	Std.Dev
Fall-2022	9272	4.277908	4	1	5	0.8878925
Fall-2023	2227	4.259176	4	1	5	0.7743169
Fall-2024	2928	4.377144	4	1	5	0.6488727
Spring-2023	5275	4.275865	4	1	5	0.7341217
Spring-2024	5434	4.304611	4	1	5	0.7574855
Spring-2025	8883	4.301666	4	1	5	0.6808022

The surveys were analyzed using R Statistical Programming and this document has been produced using RMarkdown. This document contains aggregated trends during various Semesters and among various Faculties.

The Teacher evaluation Form was merged with the Students Course Evaluation Proforma to collect maximum responses, This document contains aggregated analysis of the following HEC Proformae:

1. Students' Course Evaluation Questionnaire
2. Teacher Evaluation Form

The Students Course Evaluation Survey Form comprises various indicators grouping sets of questionnaires to assess different aspects of teaching and course parameters. The questionnaires have been assigned short names for analysis purposes. The following two tables present the questions with their corresponding short names and indicators of above proformae respectively:

Table 4: Students' Course Evaluation Questionnaire

	Short Questions	Short Indicators	Detailed Questionnaire
1	CCO01	Course-Content	The course objectives were clear
2	CCO02	Course-Content	The Course workload was manageable
3	CCO03	Course-Content	The Course was well organized (e.g. timely access to materials, notification of changes, etc.)
4	STC02	Stud.Contribution	It participated actively in the Course
5	STC03	Stud.Contribution	I think I have made progress in this Course
6	ENV01	Environment	I think the Course was well structured to achieve the learning outcomes (there was a good balance of lectures, tutorials, practical etc.)
7	ENV02	Environment	The learning and teaching methods encouraged participation.
8	ENV03	Environment	The overall environment in the class was conducive to learning.
9	ENV04	Environment	Classrooms were satisfactory
10	RES01	Resources	Learning materials (Lesson Plans, Course Notes etc.) were relevant and useful.
11	RES02	Resources	Recommended reading Books etc. were relevant and appropriate
12	RES03	Resources	The provision of learning resources in the library was adequate and appropriate
13	RES04	Resources	The provision of learning resources on the Web was adequate and appropriate (if relevant)
14	QD01	Quality	The Course stimulated my interest and thought on the subject area
15	QD02	Quality	The pace of the Course was appropriate

	Short Questions	Short Indicators	Detailed Questionnaire
16	QD03	Quality	Ideas and concepts were presented clearly
17	ASSE01	Assessment	The method of assessment were reasonable
18	ASSE02	Assessment	Feedback on assessment was timely
19	ASSE03	Assessment	Feedback on assessment was helpful
20	FACEV01	Faculty.Eval	I understood the lectures
21	FACEV02	Faculty.Eval	The material was well organized and presented
22	FACEV03	Faculty.Eval	The Teacher was responsive to student needs and problems
23	FACEV04	Faculty.Eval	Had the Teacher been regular throughout the course?
39	TUT01	Tutorial	The material in the tutorials was useful
40	TUT02	Tutorial	I was happy with the amount of work needed for tutorials
41	TUT03	Tutorial	The Teacher dealt effectively with my problems
42	PRAC01	Practical	The material in the practical was useful
43	PRAC02	Practical	The Teacher dealt effectively with my problems during practicals.

Table 5: Teacher Evaluation Form

	Short Questions	Short Indicators	Detailed Questionnaire
24	FACEV05	Faculty.Eval	The Teacher provides the Lecture schedule on the very first lecture
25	FACEV06	Faculty.Eval	The Teacher provides the Lecture outlines before delivering the lecture
26	FACEV07	Faculty.Eval	The Teacher is prepared for each class
27	FACEV08	Faculty.Eval	The Teacher demonstrates knowledge of the subject
28	FACEV09	Faculty.Eval	The Teacher has completed the whole course
29	FACEV10	Faculty.Eval	The Teacher provides additional material apart from the textbook
30	FACEV11	Faculty.Eval	The Teacher gives citations regarding current situations with reference to Pakistani context.
31	FACEV12	Faculty.Eval	The Teacher communicates the subject matter effectively
32	FACEV13	Faculty.Eval	The Teacher shows respect towards students and encourages class participation
33	FACEV14	Faculty.Eval	The Teacher maintains an environment that is conducive to learning
34	FACEV15	Faculty.Eval	The Teacher arrives on time
35	FACEV16	Faculty.Eval	The Teacher leaves on time
36	FACEV17	Faculty.Eval	The Teacher is fair in examination
37	FACEV18	Faculty.Eval	The Teacher returns the graded scripts etc. in a reasonable amount of time
38	FACEV19	Faculty.Eval	The Teacher was available during the specified office hours and for after class consultations

Besides this aggregated analysis that follows, the department-wise analysis were also shared with each Head of the Department.

The Aggregate analysis is presented below.

Summary Statistics

The overall responses received for all above semesters tabulated below:

Table 6: Students Course Evaluation Questionnaire summary

num_responses	Mean	Median	Min	Max
34019	4.292663	4	1	5

Table 7: Teacher Evaluation summary

num_responses	Mean	Median	Min	Max
34019	4.300438	4	1	5

The key statistics of responses received from various campuses during various semesters is tabulated below:

Table 8: Students Course Evaluation Questionnaire key statistics

SEMESTER	CAMPUS	num_responses	means	Median	Min	Max
Fall-2022	JAMSHORO	8980	4.275680	4	1	5
Fall-2022	MOHTARMA BENAZIR BHUTTO SHAHEED CAMPUS DADU	105	4.103401	4	1	5
Fall-2022	SINDH UNIVERSITY CAMPUS THATTA	63	4.475057	5	1	5
Fall-2022	SINDH UNIVERSITY LAAR CAMPUS @ BADIN	120	4.339286	4	1	5
Fall-2022	SYED ALLAHANDO SHAH CAMPUS NAUSHAHRO FERROZ	4	4.732143	5	4	5
Fall-2023	JAMSHORO	2149	4.253872	4	1	5
Fall-2023	MOHTARMA BENAZIR BHUTTO SHAHEED CAMPUS DADU	19	4.035714	4	1	5
Fall-2023	SINDH UNIVERSITY CAMPUS THATTA	35	4.418367	4	1	5
Fall-2023	SINDH UNIVERSITY LAAR CAMPUS @ BADIN	17	4.163865	4	1	5
Fall-2023	SYED ALLAHANDO SHAH CAMPUS NAUSHAHRO FERROZ	7	4.857143	5	4	5
Fall-2024	JAMSHORO	2788	4.374834	4	1	5
Fall-2024	MOHTARMA BENAZIR BHUTTO SHAHEED CAMPUS DADU	10	3.978571	4	2	5
Fall-2024	SINDH UNIVERSITY CAMPUS THATTA	33	4.151515	4	1	5
Fall-2024	SINDH UNIVERSITY LAAR CAMPUS @ BADIN	82	4.435976	4	1	5
Fall-2024	SYED ALLAHANDO SHAH CAMPUS NAUSHAHRO FERROZ	15	4.635714	5	2	5
Spring- 2023	JAMSHORO	5078	4.267745	4	1	5
Spring- 2023	MOHTARMA BENAZIR BHUTTO SHAHEED CAMPUS DADU	76	4.295113	4	1	5
Spring- 2023	SINDH UNIVERSITY CAMPUS THATTA	55	4.640260	5	2	5

SEMESTER	CAMPUS	num_responses	means	Median	Min	Max
Spring-2023	SINDH UNIVERSITY LAAR CAMPUS @ BADIN	58	4.234606	4	1	5
Spring-2023	SYED ALLAHANDO SHAH CAMPUS NAUSHAHRO FEROZ	8	4.741071	5	3	5
Spring-2024	JAMSHORO	5108	4.282750	4	1	5
Spring-2024	MOHTARMA BENAZIR BHUTTO SHAHEED CAMPUS DADU	23	4.537267	5	1	5
Spring-2024	SINDH UNIVERSITY CAMPUS THATTA	32	4.517857	5	1	5
Spring-2024	SINDH UNIVERSITY LAAR CAMPUS @ BADIN	172	4.464286	4	1	5
Spring-2024	SYED ALLAHANDO SHAH CAMPUS NAUSHAHRO FEROZ	99	4.857864	5	2	5
Spring-2025	JAMSHORO	8260	4.296208	4	1	5
Spring-2025	MOHTARMA BENAZIR BHUTTO SHAHEED CAMPUS DADU	189	4.479403	5	1	5
Spring-2025	SINDH UNIVERSITY CAMPUS THATTA	92	4.517857	5	1	5
Spring-2025	SINDH UNIVERSITY LAAR CAMPUS @ BADIN	255	4.118067	4	1	5
Spring-2025	SYED ALLAHANDO SHAH CAMPUS NAUSHAHRO FEROZ	87	4.476601	5	2	5

Various academic faculties' statics are shown below

Table 9: Students Course Evaluation Questionnaire Faculty statics

FACULTIES	num_responses	means	Median	Min	Max
Arts	3380	4.191927	4	1	5
Campus	1656	4.386064	4	1	5
Commerce & BA	2934	4.283791	4	1	5
Education	1309	4.277284	4	1	5
Engg and Tech	3783	4.189334	4	1	5
Islamic Studies	493	4.240582	4	1	5
Law	4083	4.372328	4	1	5
Natural Science	10274	4.339362	4	1	5
Pharmacy	1455	4.290182	4	1	5
Social Sciences	4652	4.259796	4	1	5

The feedback received from various Institutes, Centers, Departments and additional campuses are shown below with number of Proformae response frequencies and key statistics

Table 10: Students Course Evaluation Questionnaire Department-wise statistics

DEPARTMENT_NAME	num_responses	means	Median	Min	Max
ANTHROPOLOGY & ARCHAEOLOGY	205	4.342334	4	1	5
APPLIED LINGUISTICS	97	4.327688	4	1	5
ARABIC	99	4.174964	4	1	5
ART & DESIGN	889	4.067130	4	1	5
ARTIFICIAL INTELLIGENCE	292	4.296844	4	1	5
BANKING AND FINANCE	419	4.323048	4	1	5
BIOCHEMISTRY	445	4.290770	4	1	5
BIOTECHNOLOGY	362	4.284629	4	1	5
BOTANY	1411	4.271160	4	1	5
BUSINESS ADMINSTRATION	1673	4.224981	4	1	5
CENTRE FOR PHYSICAL EDUCATION HEALTH & SPORTS SCIENCE	491	4.341359	4	1	5
CENTRE FOR ENVIRONMENTAL SCIENCES	228	4.212249	4	1	5
CENTRE FOR RURAL DEVELOPMENT COMMUNICATION	109	4.219201	4	1	5
CHEMISTRY	1324	4.259630	4	1	5
COASTAL AND MARINE SCIENCES	147	4.180515	4	2	5
COMMERCE	671	4.363690	5	1	5
COMPARATIVE RELIGION & ISLAMIC CULTURE	364	4.295035	4	1	5
COMPUTER SCIENCE	1263	4.321400	4	1	5
CRIMINOLOGY	454	4.380743	5	1	5
DATA SCIENCE	341	4.149770	4	1	5
DISASTER MANAGEMENT	36	4.105159	4	1	5
EASTERN MEDICINE AND SURGERY	44	4.127435	4	4	5
ECONOMICS AND FINANCE	510	4.181583	4	1	5
EDUCATION	1309	4.277284	4	1	5
ELECTRONICS	171	3.855263	4	1	5
ENGLISH LANGUAGE & LITERATURE	1661	4.156683	4	1	5
ENGLISH LANGUAGE TEACHING	96	4.232887	4	1	5
FISHERIES AND AQUATIC SCIENCES	35	4.079592	4	1	5
FORENSIC ACCOUNTING & FRAUD EXAMINATION	171	4.449457	5	1	5
GENDER STUDIES	118	4.331416	4	1	5
GENETIC ENGINEERING	240	4.433036	5	1	5
GEOGRAPHY	352	4.399452	5	1	5
GEOLOGY	102	4.426471	4	1	5
HISTORY	61	4.300351	4	1	5
INFORMATION TECHNOLOGY	1724	4.252714	4	1	5
INTERNATIONAL RELATIONS	476	4.225165	4	1	5
LAW	4083	4.372328	4	1	5
LIBRARY INFORMATION SCIENCE & ARCHIVE STUDIES	385	4.311503	4	1	5
MATHEMATICS	285	4.149123	4	1	5
MEDIA & COMMUNICATION STUDIES	311	4.145843	4	1	5
MEDICAL LABORATORY TECHNOLOGY	166	4.410069	4	1	5
MICROBIOLOGY	244	4.298009	4	1	5
MOHTARMA BENAZIR BHUTTO SHAHEED CAMPUS DADU	422	4.323968	4	1	5
MUSLIM HISTORY	129	4.086932	4	1	5
NUTRITION & FOOD SCIENCE	419	4.383311	5	1	5

DEPARTMENT_NAME	num_responses	means	Median	Min	Max
PAKISTAN STUDIES CENTRE	155	4.311521	4	1	5
PERSIAN	19	4.522556	5	4	5
PHARMACY	1455	4.290182	4	1	5
PHILOSOPHY	41	4.184669	4	1	5
PHYSICAL THERAPY	47	4.756079	5	2	5
PHYSICS	389	4.279471	4	1	5
PHYSIOLOGY	122	4.321429	4	1	5
POLITICAL SCIENCE	384	4.449591	5	1	5
PSYCHOLOGY	395	4.039693	4	1	5
PUBLIC ADMINISTRATION	536	4.344216	4	1	5
PUBLIC HEALTH	58	4.401478	4	1	5
SINDH DEVELOPMENT STUDIES CENTRE	109	4.275885	4	1	5
SINDH UNIVERSITY CAMPUS THATTA	310	4.480645	5	1	5
SINDH UNIVERSITY LAAR CAMPUS @ BADIN	704	4.288099	4	1	5
SINDHI	53	4.061321	4	1	5
SOCIAL WORK	118	4.080508	4	1	5
SOCIOLOGY	307	4.295603	4	1	5
SOFTWARE ENGINEERING	1510	4.172729	4	1	5
STATISTICS	325	4.267143	4	1	5
SYED ALLAHANDO SHAH CAMPUS NAUSHAHRO FEROZ	220	4.685390	5	2	5
TELECOMMUNICATION	37	3.822394	4	1	5
URDU	466	4.523912	5	1	5
ZOOLOGY	1425	4.572030	5	1	5

Various programs in main campus and additional campuses have received following Proformae counts and key statistics

Table 11: Main Campus @Jamshoro Program-wise statistics

PROGRAM_TITLE	num_responses	means	Median	Min	Max
B.B.A (HONS)	1231	4.200650	4	1	5
B.ED. (HONS) ELEMENTARY	158	4.223779	4	1	5
B.ED. (HONS) SECONDARY 1.5 YEAR	840	4.289031	4	1	5
B.ED. (HONS) SECONDARY 2.5 YEAR	257	4.281128	4	1	5
BACHELOR OF COMMUNICATION DESIGN	63	3.826531	4	1	5
BACHELOR OF FINE ARTS	152	4.363487	4	1	5
BACHELOR OF TEXTILE DESIGN	674	4.022785	4	1	5
BE (ELECTRONIC ENGINEERING)	91	4.002355	4	1	5
BE (TELECOMMUNICATION ENGINEERING)	32	3.779018	4	2	5
BS (ANTHROPOLOGY & ARCHAEOLOGY)	205	4.342334	4	1	5
BS (APPLIED LINGUISTICS)	421	4.197489	4	1	5
BS (ARABIC)	85	4.135294	4	1	5
BS (ARTIFICIAL INTELLIGENCE)	292	4.296844	4	1	5
BS (BANKING AND FINANCE)	419	4.323048	4	1	5
BS (BIOCHEMISTRY)	424	4.263477	4	1	5
BS (BIOTECHNOLOGY)	350	4.293061	4	1	5
BS (BOTANY)	1378	4.268324	4	1	5
BS (CHEMISTRY)	1238	4.249048	4	1	5
BS (COASTAL AND MARINE SCIENCES)	147	4.180515	4	2	5

PROGRAM_TITLE	num_responses	means	Median	Min	Max
BS (COMMERCE)	589	4.378244	5	1	5
BS (COMPARATIVE RELIGION)	117	4.197192	4	1	5
BS (COMPUTER SCIENCE)	1211	4.333196	4	1	5
BS (CRIMINOLOGY)	395	4.311031	4	1	5
BS (DATA SCIENCE)	341	4.149770	4	1	5
BS (DEVELOPMENT COMMUNICATION)	109	4.219201	4	1	5
BS (DISASTER MANAGEMENT)	36	4.105159	4	1	5
BS (EASTERN MEDICINE AND SURGERY)	44	4.127435	4	4	5
BS (ECONOMICS AND FINANCE)	507	4.178853	4	1	5
BS (ELECTRONIC ENGINEERING)	80	3.687946	4	1	5
BS (ENGLISH LANGUAGE & LITERATURE)	878	4.162341	4	1	5
BS (ENGLISH LANGUAGE TEACHING)	250	4.118429	4	1	5
BS (ENVIRONMENTAL SCIENCES)	218	4.199050	4	1	5
BS (FORENSIC ACCOUNTING & FRAUD EXAMINATION)	171	4.449457	5	1	5
BS (FRESHWATER BIOLOGY & FISHERIES)	29	3.889163	4	1	5
BS (GENDER STUDIES)	114	4.350251	4	1	5
BS (GENETICS)	240	4.433036	5	1	5
BS (GEOGRAPHY)	349	4.402170	5	1	5
BS (GEOLOGY)	102	4.426471	4	1	5
BS (HISTORY)	47	4.241641	4	1	5
BS (INFORMATION TECHNOLOGY)	1724	4.252714	4	1	5
BS (INTERNATIONAL RELATIONS)	446	4.210362	4	1	5
BS (ISLAMIC STUDIES)	196	4.327260	4	1	5
BS (LIBRARY AND INFORMATION SCIENCE)	385	4.311503	4	1	5
BS (MASS COMMUNICATION)	308	4.141929	4	1	5
BS (MATHEMATICS)	207	4.150966	4	1	5
BS (MEDICAL LABORATORY TECHNOLOGY)	166	4.410069	4	1	5
BS (MICROBIOLOGY)	244	4.298009	4	1	5
BS (MUSLIM HISTORY)	128	4.097098	4	1	5
BS (NUTRITION & FOOD SCIENCE)	419	4.383311	5	1	5
BS (PAKISTAN STUDIES)	128	4.318917	4	1	5
BS (PERSIAN)	10	4.492857	4	4	5
BS (PHILOSOPHY)	27	4.568783	5	3	5
BS (PHYSICAL EDUCATION HEALTH & SPORTS SCIENCE)	491	4.341359	4	1	5
BS (PHYSICS)	374	4.290680	4	1	5
BS (PHYSIOLOGY)	121	4.318772	4	1	5
BS (POLITICAL SCIENCE)	370	4.456660	5	1	5
BS (PSYCHOLOGY) NATURAL SCIENCES	240	4.001339	4	1	5
BS (PSYCHOLOGY) SOCIAL SCIENCES	70	4.064286	4	1	5
BS (PUBLIC ADMINISTRATION)	358	4.182562	4	1	5
BS (PUBLIC HEALTH)	58	4.401478	4	1	5
BS (RURAL DEVELOPMENT)	109	4.275885	4	1	5
BS (SINDHI)	40	4.014286	4	1	5
BS (SOCIAL WORK)	118	4.080508	4	1	5
BS (SOCIOLOGY)	281	4.289273	4	1	5
BS (SOFTWARE ENGINEERING)	1510	4.172729	4	1	5
BS (STATISTICS)	325	4.267143	4	1	5
BS (TELECOMMUNICATION ENGINEERING)	5	4.100000	4	1	5
BS (URDU)	465	4.523886	5	1	5
BS (ZOOLOGY)	708	4.348618	4	1	5

PROGRAM_TITLE	num_responses	means	Median	Min	Max
DOCTOR OF PHARMACY (PHARM. D)	1455	4.290182	4	1	5
DOCTOR OF PHYSICAL THERAPY	47	4.756079	5	2	5
L.L.B (HONS)	3588	4.355043	4	1	5
L.L.M	495	4.497619	5	1	5
M.A (PASS) APPLIED LINGUISTICS	82	4.373258	4	1	5
M.A (PASS) ARABIC	14	4.415816	4	2	5
M.A (PASS) ECONOMICS	3	4.642857	5	4	5
M.A (PASS) ENGLISH LANGUAGE & LITERATURE	223	4.127803	4	1	5
M.A (PASS) INTERNATIONAL RELATIONS	30	4.445238	4	3	5
M.A (PASS) ISLAMIC STUDIES	51	4.395658	5	1	5
M.A (PASS) MASS COMMUNICATION	3	4.547619	5	4	5
M.A (PASS) MUSLIM HISTORY	1	2.785714	3	1	5
M.A (PASS) PERSIAN	9	4.555556	5	4	5
M.A (PASS) PHILOSOPHY	14	3.443878	3	1	5
M.A (PASS) POLITICAL SCIENCE	14	4.262755	4	2	5
M.A (PASS) PSYCHOLOGY	7	4.005102	4	4	5
M.A (PASS) SINDHI	13	4.206044	4	2	5
M.A (PASS) SOCIOLOGY	26	4.364011	4	1	5
M.A (PASS) URDU	1	4.535714	5	3	5
M.A (PASS) WOMEN DEVELOPMENT STUDIES	2	4.000000	4	4	4
M.A. (PASS) GENERAL HISTORY	14	4.497449	5	2	5
M.A. (PASS) PAKISTAN STUDIES	27	4.276455	4	2	5
M.B.A (EVENING)	80	4.516518	5	1	5
M.B.A (HONS)	265	4.287062	4	1	5
M.COM (PASS)	82	4.259146	4	1	5
M.P.A (PASS)	178	4.669342	5	1	5
M.Sc. (PASS) BIOCHEMISTRY	21	4.841837	5	2	5
M.Sc. (PASS) BIOTECHNOLOGY	12	4.038691	4	3	5
M.Sc. (PASS) BOTANY	33	4.389610	4	1	5
M.Sc. (PASS) CHEMISTRY	86	4.411960	4	1	5
M.Sc. (PASS) COMPUTER SCIENCE	35	4.011224	4	1	5
M.Sc. (PASS) CRIMINOLOGY	59	4.847458	5	2	5
M.Sc. (PASS) ENVIRONMENTAL SCIENCES	10	4.500000	5	3	5
M.Sc. (PASS) FRESHWATER BIOLOGY & FISHERIES	6	5.000000	5	5	5
M.Sc. (PASS) GEOGRAPHY	3	4.083333	4	3	5
M.Sc. (PASS) HOME ECONOMICS	2	3.589286	4	2	5
M.Sc. (PASS) MATHEMATICS	78	4.144231	4	2	5
M.Sc. (PASS) PHYSICS	15	4.000000	4	3	5
M.Sc. (PASS) PHYSIOLOGY	1	4.642857	5	3	5
M.Sc. (PASS) PSYCHOLOGY	78	4.138736	4	1	5
M.Sc. (PASS) ZOOLOGY	717	4.792638	5	1	5
MASTER OF COMPUTER SCIENCE (MCS)	17	4.119748	4	3	5
MBA	97	4.123711	4	1	5
PGD (EARLY CHILDHOOD EDUCATION)	54	4.232804	4	1	5

Table 12: Additional Campuses Program-wise statistics

CAMPUS	PROGRAM_TITLE	num_responses	seans	Median	Min	Max
MOHTARMA BENAZIR BHUTTO SHAHEED CAMPUS DADU	B.B.A (HONS)	164	4.126960	4.0	1	5
MOHTARMA BENAZIR BHUTTO SHAHEED CAMPUS DADU	BS (ENGLISH LANGUAGE & LITERATURE)	112	4.146365	4.0	1	5
MOHTARMA BENAZIR BHUTTO SHAHEED CAMPUS DADU	BS (INFORMATION TECHNOLOGY)	141	4.689210	5.0	1	5
MOHTARMA BENAZIR BHUTTO SHAHEED CAMPUS DADU	MBA	5	4.464286	4.0	4	5
SINDH UNIVERSITY CAMPUS THATTA	B.B.A (HONS)	65	4.669780	5.0	1	5
SINDH UNIVERSITY CAMPUS THATTA	BS (COMPUTER SCIENCE)	146	4.483855	4.0	1	5
SINDH UNIVERSITY CAMPUS THATTA	BS (ENGLISH LANGUAGE & LITERATURE)	60	4.616071	5.0	1	5
SINDH UNIVERSITY CAMPUS THATTA	M.A (PASS) ENGLISH LANGUAGE & LITERATURE	39	3.945055	4.0	1	5
SINDH UNIVERSITY LAAR CAMPUS @ BADIN	B.B.A (HONS)	298	4.287632	4.0	1	5
SINDH UNIVERSITY LAAR CAMPUS @ BADIN	B.ED. (HONS) SECONDARY 1.5 YEAR	47	4.428571	4.0	3	5
SINDH UNIVERSITY LAAR CAMPUS @ BADIN	BS (COMMERCE)	17	4.611345	5.0	2	5
SINDH UNIVERSITY LAAR CAMPUS @ BADIN	BS (COMPUTER SCIENCE)	177	4.203188	4.0	1	5
SINDH UNIVERSITY LAAR CAMPUS @ BADIN	BS (ENGLISH LANGUAGE & LITERATURE)	165	4.306710	4.0	1	5
SYED ALLAHANDO SHAH CAMPUS NAUSHAHRO FEROZ	B.B.A (HONS)	4	4.500000	4.5	4	5
SYED ALLAHANDO SHAH CAMPUS NAUSHAHRO FEROZ	BS (ENGLISH LANGUAGE & LITERATURE)	68	4.188025	4.0	2	5
SYED ALLAHANDO SHAH CAMPUS NAUSHAHRO FEROZ	BS (INFORMATION TECHNOLOGY)	119	4.899160	5.0	3	5
SYED ALLAHANDO SHAH CAMPUS NAUSHAHRO FEROZ	M.A (PASS) ENGLISH LANGUAGE & LITERATURE	29	5.000000	5.0	5	5

The number of courses receiving feedback responses are tabulated below.

Table 13: Count of Course numbers campus-wise

CAMPUS	number_courses
JAMSHORO	3254
MOHTARMA BENAZIR BHUTTO SHAHEED CAMPUS DADU	99
SINDH UNIVERSITY CAMPUS THATTA	109
SINDH UNIVERSITY LAAR CAMPUS @ BADIN	170
SYED ALLAHANDO SHAH CAMPUS NAUSHAHRO FEROZ	60

The Teacher Evaluation Form has received feedback for the following number of Teachers and Teaching Assistants

Table 14: Count of Teachers campus-wise

CAMPUS	Teachers
JAMSHORO	835
MOHTARMA BENAZIR BHUTTO SHAHEED CAMPUS DADU	34
SINDH UNIVERSITY CAMPUS THATTA	28
SINDH UNIVERSITY LAAR CAMPUS @ BADIN	49
SYED ALLAHANDO SHAH CAMPUS NAUSHAHRO FEROZ	17

Visualization:

Summary of Student Evaluation Responses

The following plots summarize student evaluation responses collected from the **Jamshoro campus**. The data is split into two parts:

1. Course/Program Evaluation

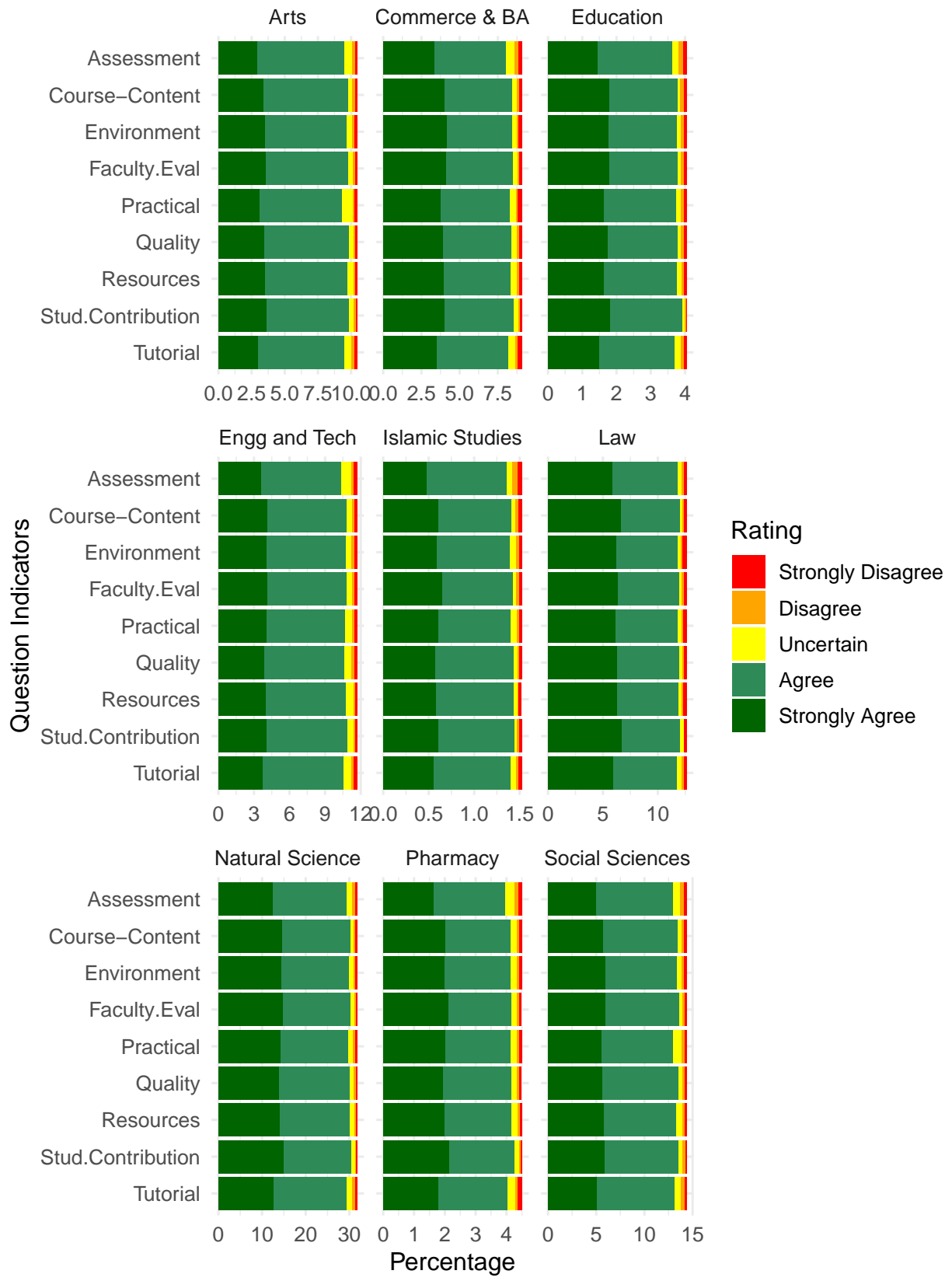
The first plot presents a **stacked bar chart** showing the percentage distribution of student ratings for various program or course-level indicators. Ratings range from *Strongly Disagree* to *Strongly Agree*, and the plot helps identify general trends in how students perceive different aspects of the academic experience.

2. Teacher Evaluation

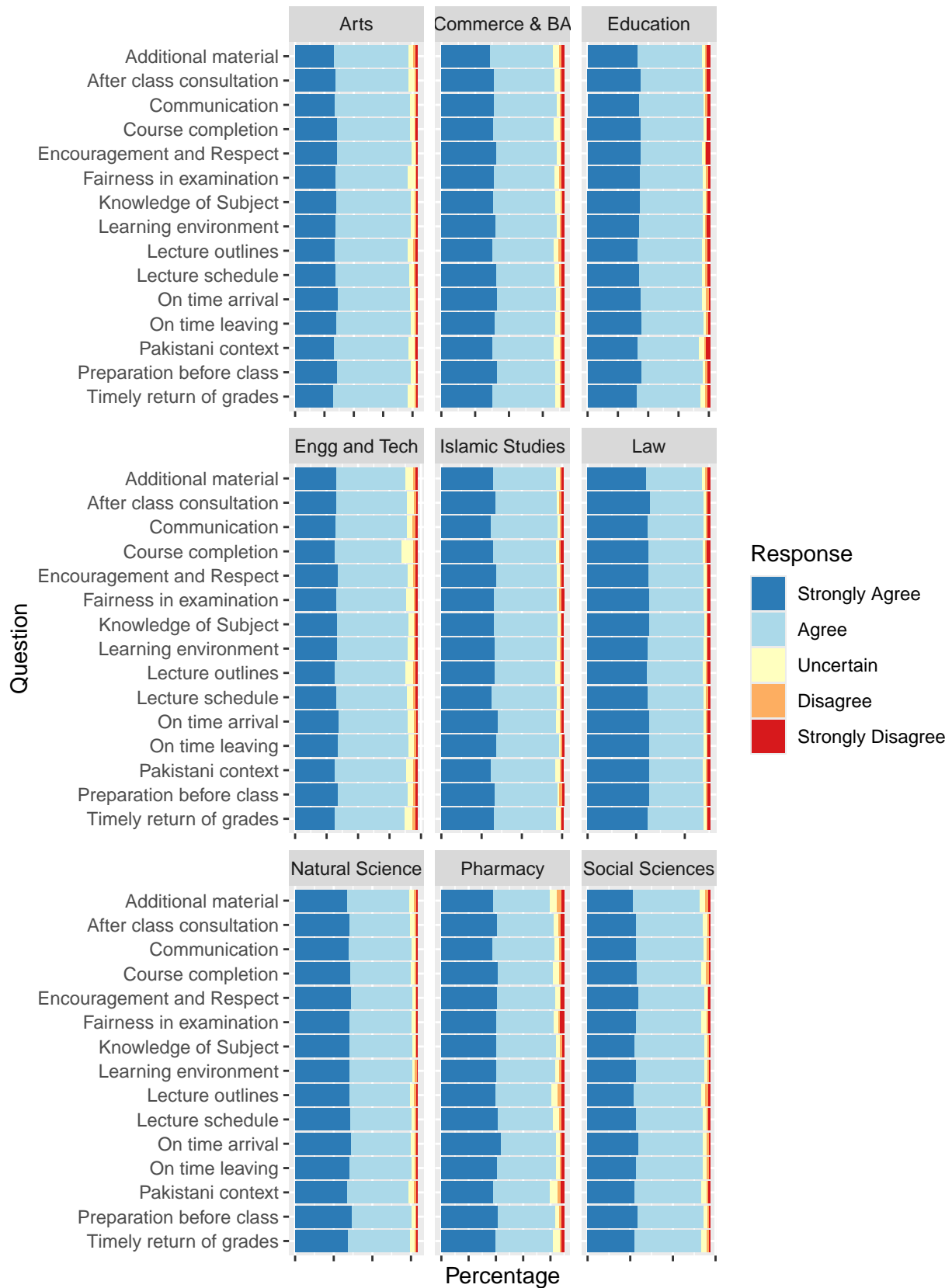
The second visualization is a **faceted Likert-style bar plot** (grouped by faculty) that depicts teacher evaluation responses across various questions. It uses color gradients to reflect the intensity of agreement or disagreement. This representation allows for easy comparison of teaching effectiveness across departments.

Both plots recode the raw ratings into labeled Likert categories and convert them into percentage-based summaries to ensure comparability and visual clarity.

Stacked Percent Bar Plot of Students Course Evaluation



Teacher Evaluation – Diverging Likert Plot Summary



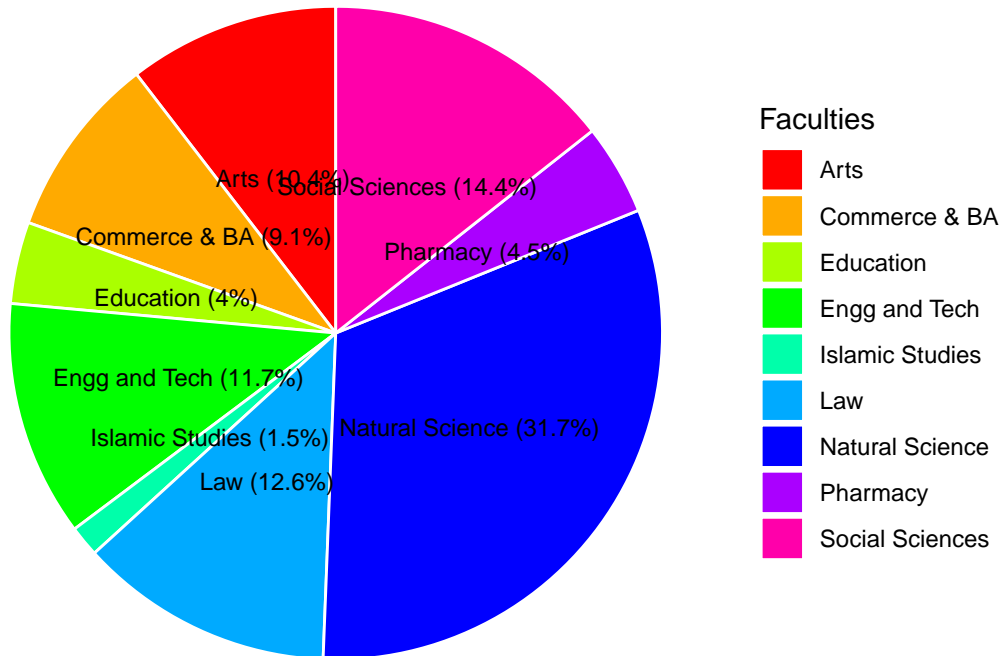
Distribution of Proforma Responses by Faculty

The following visualizations summarize the distribution of student proforma responses received from various faculties at the **Jamshoro campus**.

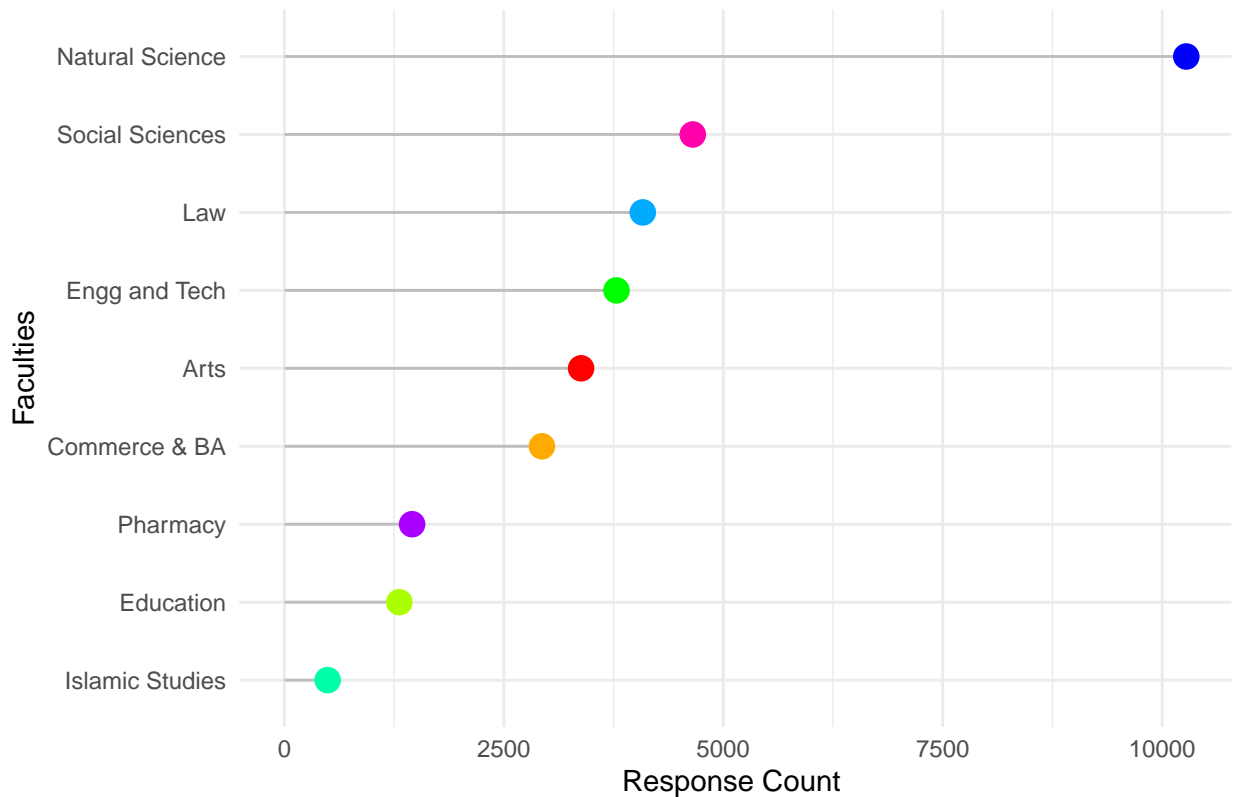
- The **first plot** is a **pie chart** that displays the relative proportion of responses contributed by each faculty. It helps highlight which faculties were more active in terms of response volume, with percentage labels shown for clarity.
- The **second plot** is a **lollipop chart**, a clean alternative to bar charts. It emphasizes the actual number of responses (normalized here by dividing by the total number of program and teacher proformas) for each faculty, while keeping the layout visually minimal and easy to interpret.

These visualizations provide insight into the response coverage across faculties and help identify areas with strong or weak participation in the feedback process.

Proforma Responses by Faculty (Pie Chart)



Proforma Responses by Faculty (Lollipop Chart)



Percentage Ratings

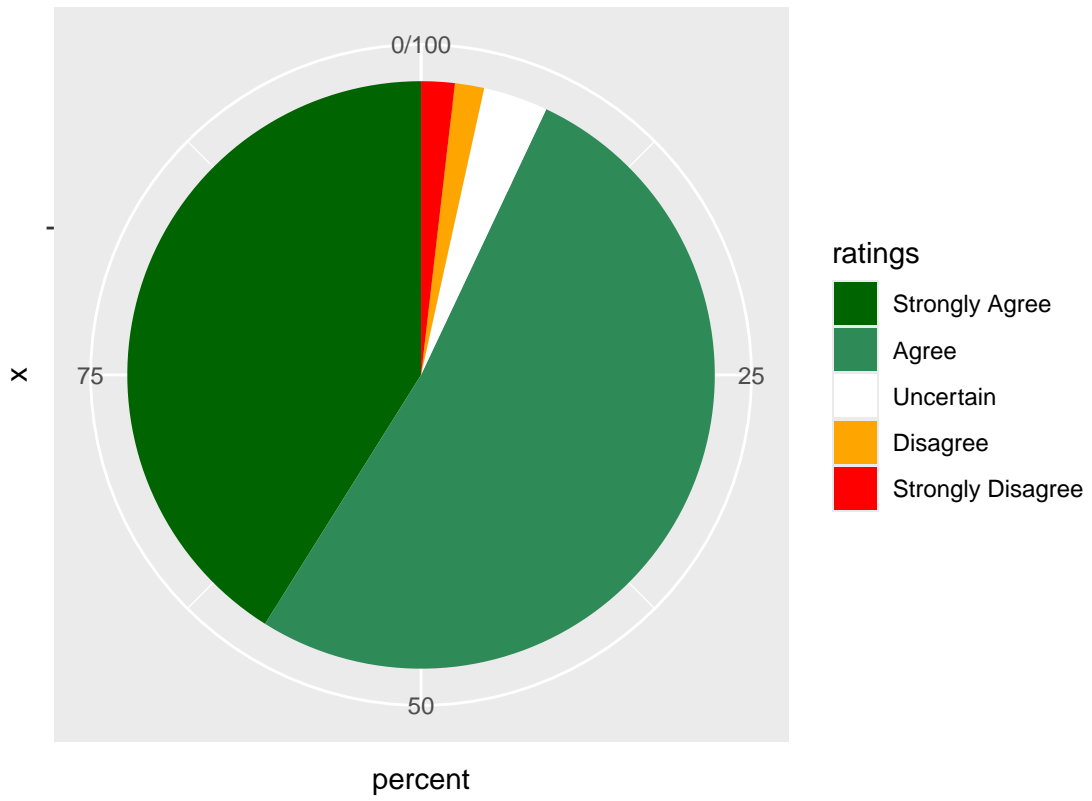
The plots below illustrate the **overall distribution of student responses** to program-related evaluation questions from both the **Main Campus (Jamshoro)** and the **Additional Campuses**. Students Course Evaluation questions are considered in this comparison.

Each pie chart represents the **proportional breakdown of Likert-scale ratings** ranging from *Strongly Agree* to *Strongly Disagree*. The charts help identify how positively or negatively students have rated their academic experiences across campuses.

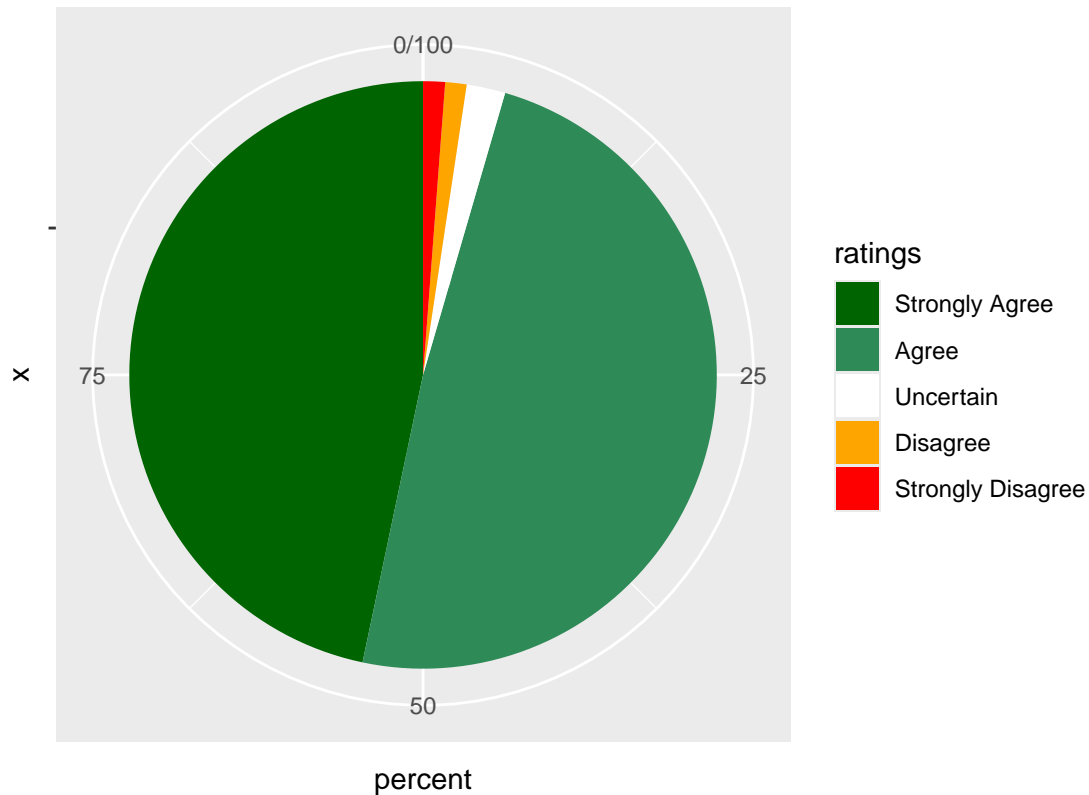
- The **first chart** displays responses from the **Main Campus**, showing the overall sentiment of students studying there.
- The **second chart** summarizes responses from all **Additional Campuses**, allowing a side-by-side interpretation of response trends across campuses.

This visualization provides an intuitive comparison of campus-wide satisfaction levels and highlights differences in how students perceive academic services and quality.

Main Campus



Additional Campuses



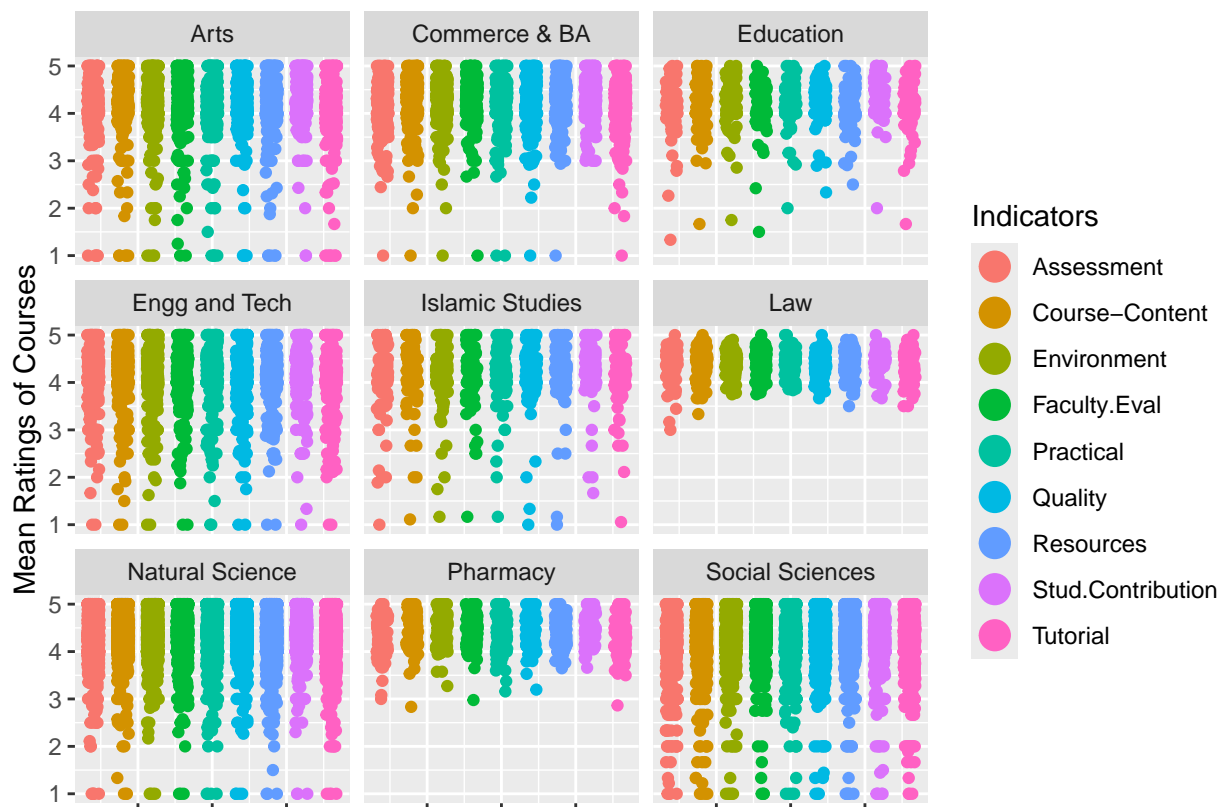
Scatter Plots of Mean Ratings by Course and Faculty

To gain deeper insight into how students rated various aspects of their courses, the questionnaire items were grouped into several **thematic indicators** (e.g., course content, learning resources, assessment methods, etc.).

The following plots show the **mean rating for each course**, categorized by faculty and grouped by indicator. Each point represents a course's average score across student responses for a given indicator. By visualizing these across faculties, we can identify patterns in student satisfaction within and across departments.

- The **x-axis** represents individual Indicators (not labeled for readability),
- The **y-axis** shows the **average rating** received for that course,
- Different **colors indicate different indicators**, allowing comparison of specific dimensions of course quality.

This visualization helps in detecting outliers, variation in perception among indicators, and overall faculty performance trends.



Violin Plot of Question-Level Rating Distributions by Faculty

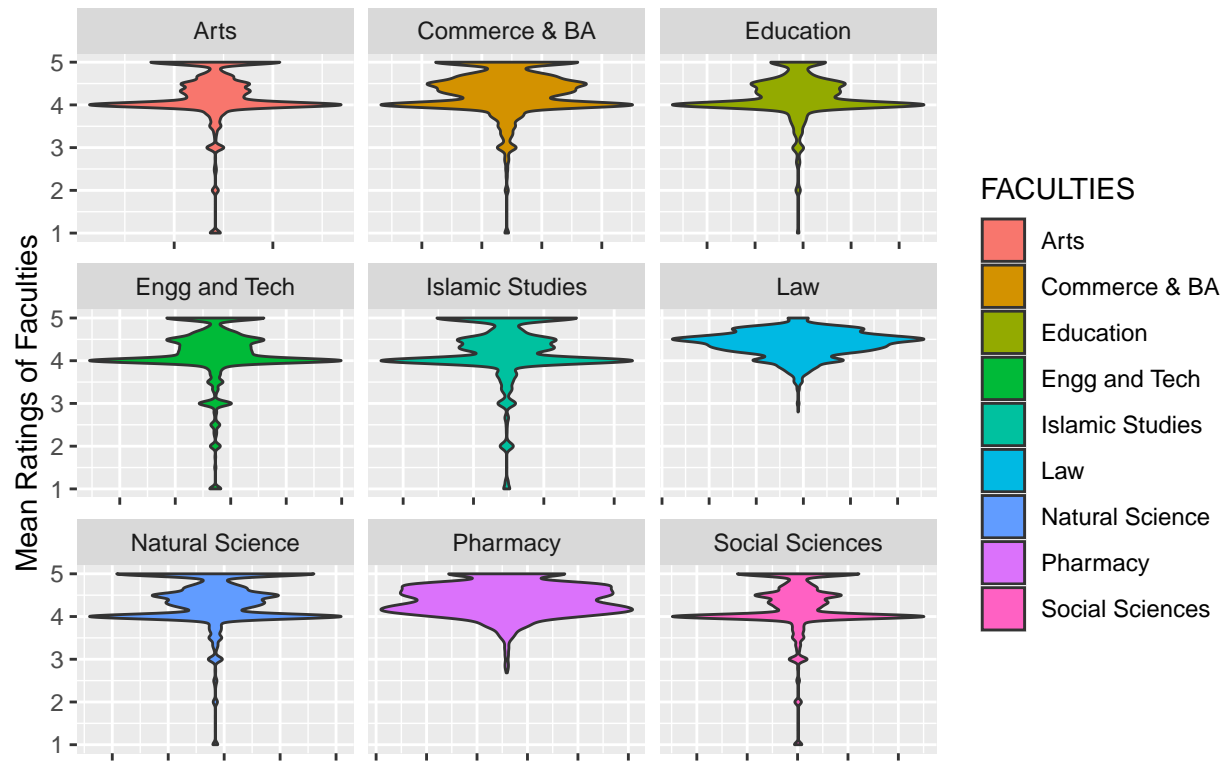
The following plot visualizes the **distribution of average student ratings** at the **question level**, grouped by faculty and aggregated across the last three years. Only Students Course Evaluation Questionnaire are included, excluding those related to Teacher Evaluation.

Each violin represents the **spread of mean ratings** for individual questions within a course and program, showing how student responses vary in detail across faculties. This level of granularity allows for a deeper examination of how specific aspects of the academic experience are perceived.

Key points: - The **y-axis** shows the average rating for each question (Likert scale: 1–5). - Each point in the distribution corresponds to a unique combination of faculty, program, course, and question. - **Facets by faculty** enable side-by-side comparison of internal variability in question-level ratings. - Wider parts of the violin indicate clusters of similar mean ratings, helping reveal patterns or inconsistencies in student feedback.

This visualization is particularly useful for identifying **which faculties have consistently strong or weak areas** at the level of survey questions, helping target future improvements more precisely.

Violin Plot of Rating distribution in Faculties aggregated last 3 years



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