STUDENT SATISFACTION SURVEY REPORT

Spring 2013

ROGERS STATE UNIVERSITY

Claremore, Oklahoma

Office of Accountability and Academics



Student Satisfaction Survey Spring 2013

Executive Summary

A survey of RSU student satisfaction was conducted in spring 2013 during the months of April and May. All students enrolled during spring 2013 were emailed an invitation to participate in this online survey. Participation was voluntary, the survey was implemented online, and respondents were ensured confidentiality.

The survey was developed by RSU psychology faculty based on historical feedback from RSU 2008 - 2012 ACT Student Satisfaction Survey results. This paralleled a survey of faculty, staff and administrator satisfaction of RSU operations implemented during the same time period.

Respondents were asked to rate the importance of and satisfaction for RSU operations and services using a five-point, Likert-type scale consisting of 42 items. A power analysis was conducted $(1 - \beta = .8)$ resulting in a recommended sample size of 353 students with a 5% margin of error. A total of 523 students completed the majority of the survey and 462 completed the full survey. Fifty percent of RSU students were bachelor degree-seeking. They were significantly more likely (82%) to respond than associate degree-seeking students (18%). Table 1 presents respondents by degree type. Additionally, seniors represented the highest classification of respondents (34%) with freshmen representing the lowest classification of respondents (19%). This compares to a breakdown of 21% of seniors in the student body and 36% of freshmen in the student body. Table 2 presents classification of student respondents. Two-thirds (68%) of respondents were full-time in spring 2013, and this parallels that of the student body (66%).

Descriptive statistics were tabulated for each item's importance and satisfaction ratings, and these are displayed in Table 4 below. Students rated all 42 survey items above the scale midpoint of 2.0. Items with the highest mean ratings were:

- Q5: Attitude of faculty toward students
- Q1: Academic calendar
- O14: Class size
- Q29: Personal security/safety
- Q33: Racial harmony
- Q6: Availability of computers when you need them
- Q32: Quality of instruction in major field
- O18: Course content in major field
- Q15: Classroom facilities
- Q16: Computer labs

Although students expressed relative satisfaction with all survey items, 15 items resulted in a gap between importance and satisfaction greater than 0.5 point. These items follow in gap order, and Figure 1 graphically presents these results.

- Q9: Availability of courses you want at times you can take them
- Q42: Variety of courses offered
- Q31: Purposes for which student activity fees are used
- Q30: Preparation you are receiving for future occupation
- Q41: Value of the information provided by your advisor
- Q32: Quality of instruction in major field
- Q18: Course content in your major field
- Q7: Availability of financial information prior to enrolling
- Q3: Accuracy of information before enrolling
- Q10: Availability of your advisor

Survey responses were analyzed for disparity between bachelor degree-seeking students and associate degree-seeking students. Independent t tests were conducted at the 95% confidence level. Significant differences between mean importance and satisfaction scores (higher importance than satisfaction) resulted for five of 42 items. Associate degree-seeking students were more likely to experience a greater gap for academic probation and suspension policies, general admissions procedures, and personal safety (although still perceived as positive). Bachelor degree-seeking students were likely to experience a greater gap for availability of courses at times they want them and variety of courses offered. Results disaggregated by degree type appear in Table 5 with the significant items bulleted below. Items with higher disparity for associate degree-seeking students are highlighted in gray. Results of independent t tests appear in Table 6.

- Q2: Importance of Academic Probation and suspension policies
- Q9: Availability of the courses you want at times you can take them
- Q21: General admissions procedures
- Q29: Personal security/Safety at this campus
- Q42: Variety of courses offered at this college

In conclusion, 462 students responded to a survey of student satisfaction of RSU operations and services during spring 2013. Bachelor degree-seeking students were more likely to respond with seniors representing the largest respondent classification. Results can be considered generalizable at the 95% confidence level.

Results demonstrate student satisfaction for all 42 items, with all mean satisfaction ratings above the midpoint. Students expressed strongest satisfaction with attitudes of faculty towards students, the academic calendar, class size, personal safety, racial harmony, and availability of computers. Five gaps between importance and satisfaction were identified, with three of them being more important for associate degree-seeking students than bachelor degree-seeking students. These gaps concerned general admission policies and academic probation and suspension. Details of these findings follow in Tables 1 through 6.

Table 1: Degree Type

Degree Type	Number	Percent
Bachelors	385	82%
Associate	85	18%

Table 2: Classification

Degree Type	Number	Percent
Freshman	88	19%
Sophomore	110	23%
Junior	112	24%
Senior	161	34%

Table 3: Full-time/Part-time Status

Status	Number	Percent
Full-time	318	68%
Part-time	152	32%

Table 4: Descriptive Statistics for Survey Items

(Items with higher satisfaction and higher importance are highlighted in medium green. Items with higher satisfaction and lower importance are highlighted n light green.)

Mean Std. Mean Std. **Item** N **Item Description** N # **Satisfaction Importance** Dev. Dev. 3.04 2.96 .974 Q1 523 .967 462 Academic calendar Academic probation and Q2 518 2.26 459 2.64 .971 1.265 suspension policies Accuracy of Q3 521 3.41 .829 461 2.62 1.139 information before enrolling Attitude of the non-**Q**4 3.23 .903 2.73 521 462 1.124 teaching staff towards students Attitude of faculty 2.97 Q5 520 3.71 .546 461 1.061 toward students Availability of **Q**6 521 3.27 1.089 459 2.82 1.082 computers when you

Item #	Item Description	N	Mean Importance	Std. Dev.	N	Mean Satisfaction	Std. Dev.
	need them						
Q7	Availability of financial information prior to enrolling	522	3.50	.839	461	2.61	1.140
Q8	Availability of student housing	521	1.33	1.486	451	2.39	1.059
Q9	Availability of courses you want at times you can take them	521	3.74	.591	460	2.19	1.331
Q10	Availability of your advisor	521	3.36	.871	462	2.62	1.285
Q11	Billing and fee payment procedures	521	3.10	1.001	459	2.52	1.128
Q12	Campus bookstore	515	2.93	1.088	454	2.43	1.203
Q13	Campus media	521	1.70	1.238	458	2.50	1.004
Q14	Class size	523	2.86	1.088	462	2.94	.958
Q15	Classroom facilities	520	3.02	1.077	461	2.78	1.007
Q16	Computer labs	511	3.01	1.130	455	2.78	1.048
Q17	Concern for you as an individual	518	3.42	.782	461	2.72	1.130
Q18	Course content in your major field	520	3.70	.609	458	2.79	1.087
Q19	Expand athletic facilities	521	1.36	1.398	456	2.19	1.106
Q20	Flexibility to design your own program of study	523	2.96	1.072	458	2.41	1.131
Q21	General admission procedures	516	2.90	1.011	459	2.67	.973
Q22	General condition of buildings and grounds	517	3.00	.972	459	2.66	1.026
Q23	General registration procedures	517	2.98	.899	458	2.66	1.025
Q24	Having athletic teams	519	1.58	1.412	452	2.34	1.037
Q25	Laboratory facilities	515	2.63	1.259	456	2.39	1.108
Q26	Opportunities for personal involvement in	515	2.23	1.263	453	2.48	1.017

Item #	Item Description	N	Mean Importance	Std. Dev.	N	Mean Satisfaction	Std. Dev.
	campus activities						
Q27	Opportunities for student employment	513	2.47	1.376	456	2.44	1.118
Q28	Out-of-class availability of your instructors	515	3.11	.933	461	2.57	1.126
Q29	Personal security/safety	515	3.30	1.013	457	2.91	.975
Q30	Preparation you are receiving for future occupation	516	3.66	.673	458	2.67	1.123
Q31	Purposes for which student activity fees are used	518	3.22	.978	460	2.07	1.195
Q32	Quality of instruction in major field	519	3.76	.576	462	2.82	1.065
Q33	Racial harmony	518	2.92	1.224	458	2.90	.964
Q34	Religious activities and programs	519	1.97	1.418	457	2.54	1.008
Q35	Residence hall rules and regulations	519	1.63	1.455	444	2.41	.992
Q36	Rules governing student conduct	519	2.58	1.215	457	2.62	.950
Q37	Student government	517	1.93	1.289	454	2.52	.971
Q38	Student union/Community center	519	2.30	1.326	455	2.56	1.024
Q39	Student voice in college policies	521	2.81	1.167	452	2.35	1.056
Q40	Study areas	518	2.92	1.166	457	2.61	1.072
Q41	Value of the information provided by your advisor	516	3.57	.720	459	2.62	1.224
Q42	Variety of courses offered	516	3.67	.645	457	2.38	1.251

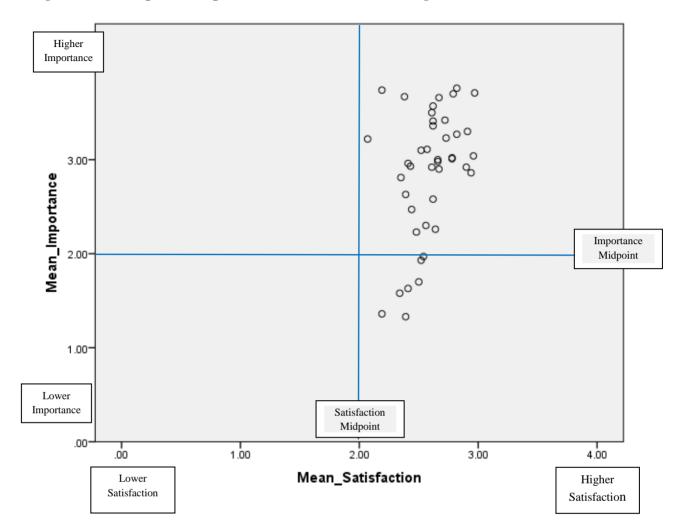


Figure 1: Scatterplot of Importance vs. Satisfaction Ratings

Table 5: Results Disaggregated by Degree Type (Bachelor's V. Associate)

- Q2: Importance of Academic Probation and suspension policies
- Q9: Availability of the courses you want at times you can take them
- Q21: General admissions procedures
- Q29: Personal security/Safety at this campus
- Q42: Variety of courses offered at this college

ITEM				
IMPORTANCE		Associate	Bachelor's	Difference
Q1.2	Importance of Academic Probation and suspension policies	2.52	2.19	0.33

Q1.9	Availability of the courses you want at times you can take them	3.65	3.78	-0.13
Q1.21	General admissions procedures	3.12	2.85	0.27
Q1.29	Personal security/Safety at this campus	3.48	3.23	0.25
Q1.42	Variety of courses offered at this college	3.53	3.71	-0.18
SATISFACTION				
Q2.16	Computer labs	2.56	2.83	-0.27
Q.2.26	Opportunities for personal involvement in campus activities	2.32	2.24	0.08

Table 6: Independent t-test Matrix for Degree Type (Bachelor's V. Associate)

Significant differences between bachelor's and associate degree-seeking students are highlighted in yellow. As a note, Equal Variances Assumed significance of t is used when Levene's Test for F is significant. Equal Variances Not Assumed significance of t is used when Levene's Test for F is not significant.

Independent Samples Test											
	Leve	ne's		t-test for Equality of Means							
	Test	for							ļ		
	Equa	ity of									
	Varia	nces		T			T	T			
	F	Sig.	t	df	Sig.	Mean	Std. Error	95% Co	nfidence		
					(2-	Difference	Difference	Interval of the			
					tailed			Difference			
)			Lower	Upper		

Q1.1	Equal	.642	.423	174	467	.862	020	.117	250	.209
	variances									
	assumed									
	Equal			163	114.507	.871	020	.125	267	.227
	variances not									
	assumed									
Q1.2	Equal	.705	.401	2.151	463	.032	.327	.152	.028	.626
	variances									
	assumed									
	<mark>Equal</mark>			2.116	118.286	<mark>.036</mark>	.327	.155	.021	.633
	<mark>variances not</mark>									
	<mark>assumed</mark>									
Q1.3	Equal	.847	.358	169	467	.866	017	.099	211	.178
	variances									
	assumed									
	Equal			155	114.368	.877	017	.107	229	.196
	variances not									
	assumed									
Q1.4	Equal	.084	.773	.829	466	.408	.089	.108	122	.301
	variances									
	assumed									
	Equal			.843	124.283	.401	.089	.106	120	.299
	variances not									
	assumed									
Q1.5	Equal	8.29	.004	-	465	.145	092	.063	217	.032
	variances	1		1.462						
	assumed					212				2-2
	Equal			-	108.571	.210	092	.073	238	.053
	variances not			1.261						
Q1.6	assumed Equal	3.52	.061	1.268	467	.205	.168	.133	092	.429
Q1.0	variances	3.32	.001	1.200	407	.203	.100	.133	032	.423
	assumed	7								
	Equal			1.449	146.488	.150	.168	.116	061	.398
	variances not				1 10.700		.100			.550
	assumed									
Q1.7	Equal	2.89	.090	1.078	467	.281	.106	.098	087	.299
	variances	5								
	assumed									
	Equal			1.195	137.777	.234	.106	.089	069	.281

	variances not									
	assumed									
Q1.8	Equal	1.17	.278	-	466	.213	222	.178	571	.128
	variances	8		1.247						
	assumed									
	Equal			-	125.352	.210	222	.176	570	.127
	variances not			1.259						
	assumed									
Q1.9	<mark>Equal</mark>	11.4	<mark>.001</mark>	-	466	<mark>.051</mark>	131	.067	263	.001
	<mark>variances</mark>	92		1.955						
	<mark>assumed</mark>									
	Equal			-	107.123	.100	131	.079	288	.026
	variances not			1.658						
	assumed									
Q1.10	Equal	.648	.421	739	466	.460	075	.102	275	.125
	variances									
	assumed									
	Equal			698	117.180	.486	075	.108	289	.138
	variances not									
	assumed									
Q1.11	Equal	.544	.461	1.575	466	.116	.180	.115	045	.406
	variances									
	assumed									
	Equal			1.578	124.401	.117	.180	.114	046	.407
	variances not									
	assumed									
Q1.12	Equal	.074	.785	.609	461	.543	.079	.130	177	.336
	variances									
	assumed									
	Equal			.607	124.124	.545	.079	.131	180	.338
	variances not									
	assumed									
Q1.13	Equal	.999	.318	573	466	.567	084	.146	372	.204
	variances									
	assumed									
	Equal			548	118.463	.585	084	.153	388	.220
	variances not									
	assumed									
Q1.14	Equal	.359	.550	.412	468	.681	.053	.128	199	.304
	variances									

assumed									
Equal			.418	125.712	.677	.053	.126	197	.302
variances not									
assumed									
Equal	.136	.713	.905	465	.366	.116	.129	136	.369
variances									
assumed									
Equal			.962	130.779	.338	.116	.121	123	.356
variances not			1002	100	.000			1.20	.000
assumed									
Equal	4.42	.036	1.829	457	.068	.249	.136	019	.517
variances	3	.000	1.020	101	.000	.210	.100	.010	.017
assumed	J								
Equal		Must	2.101	149.820	.037	.249	.119	.015	.484
variances not		use Equal	2.101	143.020	.007	.243	.113	.013	.404
assumed		varian ces							
Equal	.196	.658	.939	465	.348	.086	.091	094	.265
variances	.130	.000	.939	403	.540	.000	.091	094	.203
assumed									
			.935	123.600	.352	.086	.092	096	.267
Equal variances not			.935	123.600	.332	.000	.092	096	.207
assumed									
Equal	7.32	.007	_	466	.144	101	.069	236	.034
variances	7	.007	1.465	100			.000	.200	.001
assumed									
Equal			_	108.810	.207	101	.080	259	.057
variances not			1.268	100.010	0.		.000	.200	
assumed			1.200						
Equal	.019	.892	462	466	.644	077	.166	402	.249
variances	.0.0	.552							
assumed									
Equal			461	123.746	.646	077	.166	406	.252
variances not				.200	.0.0				0_
assumed									
Equal	2.28	.131	1.129	468	.259	.142	.126	105	.389
variances	8								
assumed									
Equal			1.265	142.356	.208	.142	.112	080	.364
variances not									
assumed									

Q1.21	Equal	5.12	.024	2.282	461	.023	.270	.119	.038	.503
Q1.21	variances	3.12	.024	2.202	401	<u>.023</u>	.210	.119	.030	.505
	assumed	3								
	Equal			2.514	135.115	.013	.270	.108	.058	.483
	variances not			2.011	100.110	.010	.270	.100	.000	. 100
	assumed									
Q1.22	Equal	.701	.403	.328	464	.743	.038	.116	190	.266
	variances			1020						
	assumed									
	Equal			.358	135.716	.721	.038	.106	172	.248
	variances not									
	assumed									
Q1.23	Equal	.008	.928	1.787	464	.075	.186	.104	019	.390
	variances									
	assumed									
	Equal			1.867	130.614	.064	.186	.100	011	.383
	variances not									
	assumed									
Q1.24	Equal	1.21	.271	800	465	.424	136	.170	470	.198
	variances	4								
	assumed									
	Equal			828	126.851	.409	136	.164	461	.189
	variances not									
	assumed									
Q1.25	Equal	3.06	.081	1.372	460	.171	.206	.150	089	.502
	variances	5								
	assumed									
	Equal			1.463	132.204	.146	.206	.141	073	.485
	variances not									
	assumed									
Q1.26	Equal	.816	.367	.524	461	.601	.079	.150	217	.374
	variances									
	assumed									
	Equal			.504	117.762	.616	.079	.156	231	.388
	variances not									
	assumed									
Q1.27	Equal	1.67	.196	-	460	.253	189	.165	514	.136
	variances	8		1.144						
	assumed									
	Equal			-	128.374	.229	189	.156	499	.120

	variances not			1.209						
	assumed									
Q1.28	Equal	1.24	.264	769	461	.442	083	.108	296	.130
	variances	8								
	assumed									
	Equal			719	112.832	.474	083	.116	313	.146
	variances not									
	assumed									
Q1.29	Equal	3.96	<mark>.047</mark>	2.035	462	<mark>.042</mark>	.248	.122	.009	.488
	variances	9								
	assumed									
	Equal			2.378	146.728	.019	.248	.104	.042	.455
	variances not									
	assumed									
Q1.30	Equal	.430	.512	.551	462	.582	.044	.081	114	.203
	variances									
	assumed									
	Equal			.549	121.958	.584	.044	.081	116	.205
	variances not									
	assumed									
Q1.31	Equal	.862	.354	025	465	.980	003	.115	228	.222
	variances									
	assumed									
	Equal			024	118.506	.981	003	.120	240	.235
	variances not									
	assumed									
Q1.32	Equal	8.99	.003	-	465	.102	110	.067	242	.022
	variances	7		1.639						
	assumed									
	Equal			-	102.839	.184	110	.082	273	.053
	variances not			1.337						
	assumed									
Q1.33	Equal	.286	.593	399	464	.690	057	.144	339	.225
	variances									
	assumed									
	Equal			412	128.758	.681	057	.139	332	.218
	variances not									
	assumed									
Q1.34	Equal	2.06	.152	.100	466	.921	.017	.170	317	.351
	variances	4								

	assumed									
	Equal			.105	131.166	.917	.017	.162	304	.338
	variances not									
	assumed									
Q1.35	Equal	.048	.828	527	465	.598	091	.173	431	.249
	variances									
	assumed									
	Equal			528	122.161	.599	091	.173	434	.251
	variances not									
	assumed									
Q1.36	Equal	.035	.852	445	466	.657	064	.143	345	.217
	variances									
	assumed									
	Equal			448	122.892	.655	064	.142	345	.218
	variances not									
	assumed									
Q1.37	Equal	.168	.682	489	463	.625	076	.155	380	.229
	variances									
	assumed									
	Equal			493	123.418	.623	076	.154	380	.228
	variances not									
	assumed									
Q1.38	Equal	.010	.918	-	465	.131	237	.157	545	.071
	variances			1.514						
	assumed									
	Equal			-	120.048	.145	237	.162	557	.083
	variances not			1.466						
	assumed									–
Q1.39	Equal	1.87	.172	903	467	.367	123	.137	392	.145
	variances	1								
	assumed			050	447.500	.394	400	111	400	400
	Equal			856	117.523	.394	123	.144	409	.162
	variances not assumed									
Q1.40	Equal	1.79	.181	.325	465	.745	.045	.139	228	.318
Q1.40	variances	7	.101	.323	400	.740	.043	.139	220	.310
	assumed	·								
	Equal			.359	137.585	.720	.045	.126	204	.294
	variances not			.555	107.000	.720	.043	.120	.204	.207
	assumed									
	40041104	1	1	1	l		l	l	l	

Q1.41	Equal	18.9	.000	_	463	.069	157	.086	326	.012
	variances	68		1.820		.000		1000	.020	
	assumed									
	Equal			-	102.190	.154	157	.109	373	.059
	variances not			1.438						
	assumed									
Q1.42	Equal	18.5	.000	-	464	<mark>.017</mark>	182	.076	332	032
	variances	71		2.386						
	assumed									
	Equal			-	102.655	.060	182	.096	372	.008
	variances not			1.899						
	assumed									
Q2.1	Equal	8.41	.004	495	457	.621	059	.119	292	.175
	variances	1								
	assumed									
	Equal			435	105.594	.665	059	.135	327	.210
	variances not									
	assumed									
Q2.2	Equal	.057	.811	989	454	.323	117	.118	350	.116
	variances									
	assumed									
	Equal			960	115.582	.339	117	.122	358	.125
	variances not									
	assumed									
Q2.3	Equal	.183	.669	.351	456	.726	.049	.139	224	.321
	variances									
	assumed									
	Equal			.336	112.221	.737	.049	.145	238	.335
	variances not									
	assumed									
Q2.4	Equal	.243	.622	368	457	.713	050	.136	318	.218
	variances									
	assumed									
	Equal			360	116.221	.719	050	.139	326	.226
	variances not									
	assumed									
Q2.5	Equal	6.34	.012	-	456	.077	230	.130	486	.025
	variances	4		1.773						
	assumed									
	Equal			-	103.401	.118	230	.146	520	.060

	variances not			1.574						
	assumed									
Q2.6	Equal	3.17	.076	162	454	.871	021	.131	279	.237
	variances	1								
	assumed									
	Equal			149	109.631	.882	021	.143	305	.263
	variances not									
	assumed									
Q2.7	Equal	1.24	.265	1.016	457	.310	.141	.139	132	.414
	variances	4								
	assumed									
	Equal			.970	113.476	.334	.141	.146	147	.430
	variances not									
	assumed									
Q2.8	Equal	.001	.978	970	447	.332	126	.130	382	.130
	variances									
	assumed									
	Equal			929	112.849	.355	126	.136	396	.143
	variances not									
	assumed									
Q2.9	Equal	1.10	.293	1.430	456	.153	.232	.162	087	.550
	variances	8								
	assumed									
	Equal			1.371	114.059	.173	.232	.169	103	.567
	variances not									
	assumed									
Q2.10	Equal	7.66	.006	-	458	.143	229	.156	536	.078
	variances	6		1.467						
	assumed									
	Equal			-	107.522	.190	229	.174	574	.116
	variances not			1.318						
	assumed									
Q2.11	Equal	.769	.381	380	455	.704	053	.139	326	.220
	variances									
	assumed									
	Equal			362	109.666	.718	053	.146	342	.237
	variances not									
	assumed									
Q2.12	Equal	.414	.520	.925	450	.355	.137	.148	154	.428
	variances									

	assumed									
	Equal			.901	112.463	.370	.137	.152	164	.438
	variances not									
	assumed									
Q2.13	Equal	.008	.930	-	454	.169	169	.122	410	.072
	variances			1.379						
	assumed									
	Equal			-	114.175	.189	169	.128	422	.084
	variances not			1.322						
	assumed									
Q2.14	Equal	3.51	.062	-	458	.212	146	.117	375	.083
	variances	2		1.251						
	assumed									
	Equal			-	110.223	.250	146	.126	396	.104
	variances not			1.157						
	assumed									
Q2.15	Equal	1.87	.171	-	457	.269	136	.123	377	.105
	variances	7		1.106						
	assumed									
	Equal			-	112.665	.297	136	.130	392	.121
	variances not			1.047						
	assumed									
Q2.16	Equal	4.38	<mark>.037</mark>	-	451	<mark>.037</mark>	269	.129	522	016
	variances	8		2.087						
	assumed									
	Equal			-	106.869	.057	269	.140	545	.008
	variances not			1.923						
	assumed									
Q2.17	Equal	1.57	.210	838	457	.403	115	.138	386	.155
	variances	4								
	assumed									
	Equal			792	112.486	.430	115	.146	404	.173
	variances not									
	assumed									
Q2.18	Equal	.033	.856	.585	455	.559	.078	.133	183	.339
	variances									
	assumed									
	Equal			.571	116.095	.569	.078	.136	192	.347
	variances not									
	assumed									

Q2.19	Equal	.376	.540	_	452	.316	135	.135	400	.129
Q2.13	variances	.570	.540	1.003	432	.510	1.100	.100	.400	.123
	assumed			1.003						
	Equal			939	111.884	.350	135	.144	420	.150
	variances not			.000	111.001	.000	.100		20	
	assumed									
Q2.20	Equal	.002	.968	1.425	454	.155	.197	.138	075	.469
α2.20	variances	.002	.000	20					10.0	
	assumed									
	Equal			1.426	117.223	.156	.197	.138	077	.471
	variances not									
	assumed									
Q2.21	Equal	3.35	.068	.513	455	.608	.061	.119	172	.294
	variances	6								
	assumed									
	Equal			.460	107.600	.646	.061	.132	201	.323
	variances not									
	assumed									
Q2.22	Equal	.111	.739	.550	455	.583	.069	.125	177	.315
	variances									
	assumed									
	Equal			.533	115.301	.595	.069	.129	187	.325
	variances not									
	assumed									
Q2.23	Equal	.522	.470	.082	454	.934	.010	.125	236	.256
	variances									
	assumed									
	Equal			.079	113.662	.938	.010	.131	250	.270
	variances not									
	assumed									
Q2.24	Equal	.013	.909	952	448	.342	122	.128	374	.130
	variances									
	assumed									
	Equal			914	111.133	.363	122	.133	386	.142
	variances not									
	assumed									
Q2.25	Equal	.471	.493	.508	452	.612	.069	.136	198	.337
	variances									
	assumed									
	Equal			.531	123.183	.597	.069	.130	189	.327

	variances not									
	assumed									
Q2.26	Equal	2.41	<mark>.121</mark>	-	449	.024	280	.124	524	037
	variances	1		2.266						
	assumed									
	Equal			-	106.542	<mark>.048</mark>	280	.140	559	002
	variances not			2.000						
	assumed									
Q2.27	Equal	.105	.746	.076	452	.940	.010	.137	258	.279
	variances									
	assumed									
	Equal			.077	121.136	.939	.010	.135	257	.277
	variances not									
	assumed									
Q2.28	Equal	1.11	.291	.021	457	.983	.003	.138	267	.273
	variances	8								
	assumed									
	Equal			.020	112.085	.984	.003	.146	287	.292
	variances not									
	assumed									
Q2.29	Equal	.341	.559	1.065	453	.287	.126	.119	107	.359
	variances									
	assumed									
	Equal			1.068	119.659	.288	.126	.118	108	.360
	variances not									
	assumed									
Q2.30	Equal	.713	.399	.292	454	.770	.040	.137	229	.309
	variances									
	assumed									
	Equal			.281	114.428	.780	.040	.143	243	.323
	variances not									
	assumed									
Q2.31	Equal	3.04	.082	1.170	456	.243	.170	.145	116	.456
	variances	1								
	assumed									
	Equal			1.104	112.349	.272	.170	.154	135	.475
	variances not									
	assumed									
Q2.32	Equal	.113	.736	191	458	.849	025	.130	280	.230
	variances									

	assumed									
	Equal			193	120.095	.847	025	.128	279	.229
	variances not									
	assumed									
Q2.33	Equal	7.89	.005	_	454	.290	124	.118	355	.107
	variances	7		1.059						
	assumed									
	Equal			939	106.663	.350	124	.133	387	.138
	variances not									
	assumed									
Q2.34	Equal	.278	.599	-	453	.304	127	.123	369	.115
	variances			1.028						
	assumed									
	Equal			976	113.233	.331	127	.130	384	.130
	variances not									
	assumed									
Q2.35	Equal	.010	.922	.227	440	.821	.028	.122	212	.267
	variances									
	assumed									
	Equal			.226	117.864	.822	.028	.123	215	.271
	variances not									
	assumed									
Q2.36	Equal	2.10	.148	853	453	.394	099	.116	327	.129
	variances	5								
	assumed									
	Equal			791	110.823	.431	099	.125	346	.149
	variances not									
	assumed									
Q2.37	Equal	.024	.876	-	450	.214	146	.118	377	.085
	variances			1.244						
	assumed									
	Equal			-	115.588	.231	146	.121	387	.094
	variances not			1.203						
	assumed									
Q2.38	Equal	1.44	.230	-	451	.091	211	.125	456	.034
	variances	4		1.692						
	assumed									
	Equal			-	108.294	.130	211	.138	485	.063
	variances not			1.525						
	assumed									

Q2.39	Equal	.621	.431	221	448	.825	029	.130	283	.226
	variances									
	assumed									
	Equal			210	111.829	.834	029	.136	299	.242
	variances not									
	assumed									
Q2.40	Equal	.249	.618	627	453	.531	082	.132	341	.176
	variances									
	assumed									
	Equal			607	113.433	.545	082	.136	352	.187
	variances not									
	assumed									
Q2.41	Equal	3.14	.077	941	455	.347	142	.151	438	.154
	variances	0								
	assumed									
	Equal			865	106.415	.389	142	.164	467	.183
	variances not									
	assumed									
Q2.42	Equal	.084	.772	1.017	453	.310	.156	.153	145	.457
	variances									
	assumed									
	Equal			.995	114.710	.322	.156	.157	154	.466
	variances not									
	assumed									