No.	Item	Strongly Disagree	Disagree	Uncertain	Agree	Strongly Agree
1.	I never feel quite sure of myself when I am speaking in my English class.					
2.	I don't worry about making mistakes in speaking in English class.	PS BRUT	WIR4 N			
3.	I tremble when I know that I am going to be asked to speak in English class.	ĥ				
4.	I am afraid when I don't understand what the teacher is saying in the English class.			120	-	
5.	It wouldn't bother me at all to take more English classes.	ALL.		11	1	
6.	In English classes, I think of things that are unrelated to the lesson.					
7.	I think that my classmates' English is better than mine.	21				
8.	I am usually at ease during speaking tests in my class.					
9.	I start to panic when I have to speak without preparation in English class.		$\mathbb{Z}$			
10.	I worry about the consequences of failing my English class.		1			
11.	I don't understand why some people get so upset over English class.	NDU	KSHA			
12.	In English class, I am so nervous that I forget what I know.			1		

# Appendix 1 Blueprint of Foreign Language Classroom Anxiety Scale (FLCAS)

13.	It embarrasses me to volunteer answers in my		6			
1.4	English class.					
14.	I will not be nervous when speaking with native English speakers.					
15.	I get depressed when I don't understand what					
101	the teacher is correcting.		The			
16.	Even if I am well prepared for speaking in English class, I feel anxious about it.	PS LEWY	WIKAN.			
17.	I often feel like not going to my English class.					
18.	I feel confident when I speak in English class.					
19.	I am afraid that my English teacher will correct every mistake I make when speaking.	- 55		99	77	
20.	I feel my heart pounding when I am going to be asked to speak in English class.			11		
21.	The more I prepare for a speaking test, the more confused I get.		2			
22.	I don't feel pressure to prepare very well for English class.	SIL				
23.	I always feel that my classmates speak better English than I.	~~~~	TANK I	1		
24.	I feel shy when speaking English in front of other students.		$\ll$			
25.	English class moves so quickly that I worry about getting left behind.					
26.	I feel tenser and have more pressure in English class than in other classes.	AD II	KSH			
27.	I get nervous when I speak in my English class.					

28.	Before English class, I feel confident and relaxed.					
29.	I get nervous when I don't understand every word the English teacher says.					
30.	I feel overwhelmed by the number of rules I have to learn to speak English.	- NI	TOT			
31.	I am afraid that my classmates will laugh at me when I speak English.	PRAFIL	WIKAN.			
32.	I feel easy when native English speakers are with me.	á.				
33.	I get nervous when the English teacher asks questions which I haven't prepared in advance.	- 15		13	77	



No.	Item	Strongly Disagree	Disagree	Uncertain	Agree	Strongly Agree
1.	I never feel quite sure of myself when I am speaking in my English class.					
2.	I don't worry about making mistakes in speaking in English class.	VS BRUT	WIR4N			
3.	I tremble when I know that I am going to be asked to speak in English class.	ĥ				
4.	I am afraid when I don't understand what the teacher is saying in the English class.				1	
5.	It wouldn't bother me at all to take more English classes.			The second		
6.	In English classes, I think of things that are unrelated to the lesson.		3			
7.	I think that my classmates' English is better than mine.	9/				
8.	I am usually at ease during speaking tests in my class.					
9.	I start to panic when I have to speak without preparation in English class.					
10.	I worry about the consequences of failing my English class.		1			
11.	I don't understand why some people get so upset over English class.	NDI	KSHA			
12.	In English class, I am so nervous that I forget what I know.					

# Appendix 2 Revised Version of Foreign Language Classroom Anxiety Scale (FLCAS)

13.	It embarrasses me to volunteer answers in my English class.					
14.	I will not be nervous when speaking with native English speakers.					
15.	I get depressed when I don't understand what the teacher is correcting.	<b>NUM</b>	The			
16.	Even if I am well prepared for speaking in English class, I feel anxious about it.	PSLEW				
17.	I often feel like not going to my English class.					
18.	I feel confident when I speak in English class.	-04	<u>0-</u>			
19.	I am afraid that my English teacher will correct every mistake I make when speaking.	5 55		28	77	
20.	I feel my heart pounding when I am going to be asked to speak in English class.			H.	- 1	
21.	The more I prepare for a speaking test, the more confused I get.		2			
22.	I don't feel pressure to prepare very well for English class.	S.L.				
23.	I always feel that my classmates speak better English than I.	~~~~	MANY Y	1		
24.	I feel shy when speaking English in front of other students.		$\ll$			
25.	English class moves so quickly that I worry about getting left behind.					
26.	I feel tenser and have more pressure in English class than in other classes.	AD II	KSRA			
27.	I get nervous when I speak in my English class.					

28.	Before English class, I feel confident and relaxed.	
29.	I get nervous when I don't understand every word the English teacher says.	
30.	I feel overwhelmed by the number of rules I have to learn to speak English.	-TNUTDI
31.	I am afraid that my classmates will laugh at me when I speak English.	NS YEAR DILLAN
32.	I get nervous when the English teacher asks questions which I haven't prepared in advance.	



## Appendix 3 The Validity and Reliability of the Instrument

Correlations

A. Validity Test

		Hereit I	Bern2	Bern 2	Bern4	Correlatio		Barry 7	Bernill	ama Bern10	Bern11	Item12	Bern13	Bern14 Be			m17 Ber				House 717		n24 Ber	m25 Item26	Bern27	Bern28	Bern29 Bern30	Bern31 B	em32 Item33 Total
ltern1	Pearson Correlation	1	.257	.161	.583	.706	.497**	.010	295	.038 .633	.181	.613	.707	109	.518		.391	.012	.180 .3		.128	.246	.306	468 .329	.188	.355	.385 .156	.141	.039 .458 .603
	Sig. (2-tailed)	60	.049	.219	<.001	<,001	<,001	.938	.022	.775 4,001	.166	<.001	4,001	.405	<.001	.001	.002	930	.170	002 .011 60 60	.331	.059	.018	<,001 .010		.005	.002 .234 60 60	.283	.768 <.001 <.001
Bern2	Pearson Correlation	.257	1	.298	.340	.165	.323	.246	.289	.351 .151	.287	.178	.232	.195	.374	.202	.234	.137		.067	.252	021		372 .423	.159	.258	.259 .220	.096	.422" .250 .460"
	Big. (2-tailed)	.048	60	.021	.008	.209	.012	.058	.025	.006 .250	.026	.173	.074	.136	.003	.121	.072	295	.121 <,	001 .613 60 60	.052	.874	.152	.003 <.001	.225	.047	.046 .092	.465	<,001 .046 <,001 60 60 60
Item3	Pearson Correlation	.161	.298	1	.146	.192	.206	.436	079	.569" .072	.354	125	.285	.108	.047	.236				22 .122	.232	.071	028	.072 .193		.103	.136 .346	156	60 60 60 .355 <sup>**</sup> 038 .321 <sup>*</sup>
	Big. (2-tailed)	.219	.021 60	60	-266 60	.163	.114	=,001	.551	~,001 .586 60 60	.006 60	.343 60	.027	.410	.723	.069	.937 60	60		012 .352 60 60	.075	.589	60	.502 .131	.045	.435	.302 .007 60 60	.233	.005 .774 .012 60 60 60
Itern4	Pearson Correlation	.583	.340	.146	1	.598	.487	.145	.223	.246 .458"	.184	.674	.529	.130	.605	.475**	.483		60 .317 .5		.136	.393	.283	.364 .297	.310	.279	.460 .273	.145	047 .563 .649
	Sig. (2-tailed)	<.001	800. 03	.266	60	<.001	<,001 60	.269	.097	60 60	.158	<.001	4,001	.322	<.001	<,001 60	<,001	.193	60	001 .019 60 60	.300	.002	029	.004 .021 60 60	.016	.031	<.001 .035 60 60	.269	.722 =.001 =.001
Bern5	Pearson Correlation	.706	.165	.182	.598	1	.445	049	.279	.053 .530	.328	.608	.502	097	.479	60 .367		093		.318	.024		443	393		.246	.293 .260	.048	60 60 60 083 .393 .550
	Big. (2-tailed)	<.001	.209	.163	<.001	60	<,001	.711	.031 60	.689 <,001 60 60	.011 60	<.001	<,001 60	.463	<.001	.004 60	.004 60	.479 60	.094 +, 60 507 <sup>11</sup> 4	001 .013 60 60	.854	.059 60	<,001 60	.002 .03	.480	.058	.023 .045 60 60	.719	.627 .002 <,001 60 60 60
Bern6	Pearson Correlation	.497 <sup>10</sup> =.001	.323	.206	.497" =.001	.445	1	.149	.240	.190 .490	.289	.557"	.730	.354	.509 <sup>10</sup>	.509"				475 <sup>**</sup> .475 <sup>**</sup>	.335"	.244		450 .336 =.001 .001	.317	.200	.421" .317 *.001 .014	.105	.041 .601" .692" .756 ×.001 ×.001
	Big. (2-tailed)	=,001	.012	60	=,001	~,001	60	.257	60	60 60	.025	~,001	+,001	60	~,001	~,001 60	60	60					60	-,001 .001		.126	*,001 .014 60	.420	60 60 60
item7	Pearson Correlation	.010	.246	.436	.145	049	.149	1	.035	.594 .083	.276	.079	.159	.261	.124	.379**	.092 .1	60 197 <sup>**</sup>		55 .491	60 .387	.375	.303	.311 .20	60 .473	.327	.365 .278	.336**	.307 .267 .493
	Sig. (2-tailed)	.938	.058	≈,001 60	.269	.711	.267	60	.790	=,001 .530 60 60	.033	-549	.226	.044	.346 60	.003 03	.485	60		001 =,001 60 60	.002	.003 03	.018 60	.015 .113	=,001 60	.011	.004 .032 60 60	.009	.017 .039 +,001 50 50 50
Bern8	Pearson Correlation	.295	.289	079	.223	.279	.240	.035	1	.047 .472	.274	.330	.168	.176	.378	.232	.302		392	105 .271	.157		549	.254 .381	.272	.283	.329 .376	.358	60 60 60 .232 .367" .499"
	Sig. (2-tailed)	.022	.025	.661	.087	.031	.064	.790	60	.722 4,001	.034	.010	.201	.178	.003	.074	.019	.072	.002 .	423 .036	.232	.004	<,001 60	.050 .003	.036	.029	.010 .003	.005	.074 .004 <,001 60 60 60
Bern9	Pearson Correlation	.038	.351**	.569	.246	.053	.100	.594	.047	1 .093	.151	113	.170	.226	.167	.339	.009			16" .322	.294	.244	310	.207 .346	.492**	.153	.113 .224	.134	.359 .062 .421
	Big. (2-tailed)	.775	.006	≺,001 60	.058 60	.689	.169	<.001 60	.722	.478	.251 60	.388	.174	.083	.201	.008	.948	.068 60		007 .012 60 60	.023	.061	.016	.112 .003		.242	.389 .085	.308	.005 .839 ×,001 60 60 60
Bern10	Pearson Correlation	.633	.151	.072	.459	.630	.480**	.083	.472	.093 1	.168	60 .583 <sup>11</sup>	60 .412 <sup>**</sup>	.110	60 .624 <sup>11</sup>	.344	.366			60 60 96 <sup>°°</sup> .502 <sup>°°</sup>	.176	60 .373	60 350 <sup>°°</sup>	60 60 .402 <sup>**</sup> .386 <sup>*</sup>	.912	.232	.454 .133	.211	.059 .591 .632
	Sig. (2-tailed)	-,001	.250	.586	=,001	=,001	=,001	.530	=,001	.478 60 60	.200	-,001	.001 60	.402	=.001	.007	.004	089		009 =,001 60 60	.182	E00.	.006	.001 .003 60 60	.015	.075	-,001 .310 60 60	.105	.656 =,001 =,001 80 60 60
Bern11	Pearson Correlation	.181	.207*	.364	.184	.328	.289	.276	60 .274	.151 .168	1	.416	.317	.250	.274	.400**	.292	.129		60 60 70 <sup>°°</sup> .358 <sup>°°</sup>	.345		445**	.108		.294	.276 .601	.297*	.171 .294 .623
	Sig. (2-tailed)	.166	.026	.006 03	.168	.011 60	.025	.033	.034 60	.251 .200	60	<.001	.013	.054	.034 60	.002	.023 60	.326 60	080.	004 .005 60 60	.007		<,001 60	.149 .043	.451 60	.023	.033 <.001 60 60	.021	.191 .022 <,001 60 60 60
Bern12	Pearson Correlation	.613	.170	125	.574	.608	.557	.079	.330	113 .583	.416	1	.503	.092	.589	.513**	.465		403 .4	22 .404	.126	.381	301	445 <sup>10</sup> .256	.204	.363	.476 .324	.302	105710
	Sig. (2-tailed)	<,001	.173	.343	<,001	<,001	<,001	.549	.010	.388 <,001 60 60	<,001 60	60	<,001 60	.483	<.001	<,001	<,001 60		<,001 <, 60	001 ≺,001 60 60	.336	.003		<,001 .048		.004	×,001 .012 60 60	.019	.426 <.001 <.001
Bern13	Pearson Correlation	.707**	.232	.285	.529**	.502	.730**	.159	.168	60 60 .178 .412 <sup>55</sup> .174 001	.317	.603	1	.140	60 .446 <sup>11</sup>	60 .677 <sup>**</sup>	.361	.219	60 339 <sup>11</sup> .5	.333	60 .432 <sup>11</sup>	60 .310 <sup>°</sup>		439" .22		.272	.386" .399"	.251	60 60 60 .083 .472" .677"
	Sig. (2-tailed)	~,001	.074	.027	~,001	-,001	=,001 60	.226	.201 60	.174 .0D1 60 60	.013	-,001	60	.287	-,001	=,001 60		60.	.008 +,	001 .009 60 60	~,001	.016	60	-,001 .080 60 60		.036	.002 .002 60 60	.053	.528 =,001 =,001 60 60 60 029 .184 .368
	Pearson Correlation	109	.195	.108	.130	097	60 .364	.261	.176	.226 .110	.250	.092	.140	1	.171	.148				.393	.228	.216	.223	.163 .19		.174	.236 .272	.097	
	Sig. (2-tailed)	.405	.136	.410	.322	.463	.005	.044	.178	.083 .402 60 60	.054	.483	.287	60	.192	.260	60	.003 -	<,001	508 .002 60 60	.079	.099	.086	.213 .143		.182	.070 .036 60 60	.459	.829 .160 .004 60 60 60
Bern15	Pearson Correlation	.510	.374	.047	.605	.479	.509	.124	.378	.167 .524	.274	.589	.446	.171	1	60 .597**	.552	.191		.359	- 009			.698 .411		.195	.572 .211	.127	162 .554 .675
	Sig. (2-tailed)	<.001	.003	.723	<.001	<,001	<,001	.346	.003	.201 <,001 60 60	.034	<.001	<,001	.192	60	<,001 60	<.001			001 .005 60 60	.945			<,001 .001	60	.136	<.001 .106 60 60	.335	.217 <.001 <.001
	Pearson Correlation	.403	.202	.236	.475	60 .367 <sup>**</sup>	.509 <sup>10</sup> ×.001	60 .379 <sup>**</sup>	.232	60 60 .339 <sup>°°</sup> .344 <sup>°°</sup>	400	60 .513 <sup>11</sup>	60 .577 <sup>**</sup>	.148	60 .597 <sup>11</sup> 5.001	1				60 60 10 <sup>11</sup> .495 <sup>11</sup>	60 .322	60 .647 <sup>10</sup> ×.001		60 60 .530 <sup>11</sup> .244		.181	60 60 .592 <sup>11</sup> .277 <sup>1</sup>	.292"	60 60 60 027 .571 <sup>ss</sup> .707 <sup>ss</sup>
	Sig. (2-tailed)	.001	.121 60	.069 60	<,001 60	.004		.003	.074 60	.008 .007 60 60	.002	<,001 60	<,001 60	.260		60 .372 <sup>11</sup>	.003 4			001 ≺,001 60 60	.012			<,001 .060 60 60	.003	.166	×,001 .032 60 60	.024	.838 ×,001 ×,001 60 60 60
	Pearson Correlation	60 .391 <sup>11</sup>	.234	.010	.483	60 .368 <sup>11</sup>	60 .385 <sup>11</sup>	.092	60 .302	60 60 .009 .366 <sup>**</sup>	.292	60 .465 <sup>**</sup>	60 .351 <sup>**</sup>	.220	60 .652 <sup>11</sup>		1	.202		60 60 74 <sup>11</sup> .409 <sup>11</sup>	.106	60 .328		60 60 .421 <sup>11</sup> .381 <sup>1</sup>	.032	.073	60 60 .427 <sup>**</sup> .391 <sup>**</sup>	.372 <sup>**</sup>	021 .458 .675
	Sig. (2-tailed)	.002	.072	.937	<,001	.004	.002	.495	.019	.948 .004	.023	<,001	.006 03	60	<.001	£00.	60	.122 4 60		003 .001 60 60	.419	.010		<,001 .003	60	.578	<,001 .002 60 60	.003	.974 <,001 <,001 60 60 60
	Pearson Correlation	.012	.137	.037	.171	093	.382	.387	.234	.237 .221	.129	.159	.219	.373	.191	60 .423	.202	1 2	468	12 .464	.575	.504	.262	60 60 .257 <sup>°</sup> .295	.658	.225	.310 .123	.379	.093 .413 .508
	Sig. (2-tailed)	.930	.295	.782	.193	.479	.003	.002	.072	e80. 880.	.326	.225	.093	.003	.144 60	<,001 60	.122	60	<.001	015 <.001 60 60	<.001	<,001	.044 60	.047 .023	<,001	.084	.016 .347 60 60	.003	.478 .001 <,001 60
	Pearson Correlation	.100	.202	165	.317	.218	.507**	.148	.392"	038 .409"	.228	.483	.339"	.474	60 .686 <sup>11</sup>	60 .463 <sup>**</sup>	60 .558 <sup>11</sup> .4	60 60''		60 60 72 <sup>11</sup> .459 <sup>11</sup>	.158			60 60 .612 <sup>11</sup> .390 <sup>1</sup>		.149	.599" .250	.372**	60 60 60 274 .550 .618
	Sig. (2-tailed)	.170	.121 60	.209	.014	.094	<,001 60	.259	.002 60	.770 .001	.080	<,001	.008	60	<,001			.001 60 312		001 <,001 60 60	.226			<,001 .003 60 60		.257	<,001 .054 60 60	.003	.034 <,001 <,001 60 60 60 038 414 688
item20	Pearson Correlation	.394"	.419"	.322	.521	.471 <sup>11</sup>	60 .433 <sup>11</sup>	.455**	.105	60 60 .346 <sup>11</sup> .336 <sup>11</sup>	.370"	.422**	.536"	.068 608	60 .503 <sup>11</sup>	60 .630 <sup>**</sup>				60 60 1 .446	.324			60 60 .439 <sup>°°</sup> .430 <sup>°</sup>		.238	.488 .249	.365"	
	Sig. (2-tailed)	60	=,001	.012	60	60	=,001 60	60	.423	60 60	60	-,001	60	60	-,001 60 .359				<,001 60	+,001 60 60	.011		60	-,001 -,001 60 60 403 390		.067	-,001 .055 60 60	.005	.773 .001 +,001 60 60 60
Bern21	Pearson Correlation Sig. (2-tailed)	.325	.067	.122	.302 <sup>*</sup>	.318	.475 <sup>**</sup> <,001	.491" <.001	60 .271 .036	.322 <sup>°</sup> .502 <sup>°°</sup>	.358"	.484"	.333"	.393"	.359"	60 .495 <sup>**</sup> <,001	60 .409 <sup>°°</sup> .4		60 459 <sup>°°</sup> .4 <,001 <,	60 60 45 <sup>°°</sup> 1	.302 <sup>°</sup>		535 <sup>**</sup>	.403" .390"		.258	.457" .277 <,001 .032	.422"" <.001	.077 .550" .696" .558 <.001 <.001
	N N	.011	.613	.352	.019	.013	6.0	<,001	60	60 60	60	<,001	60	60	60	60	60	60	60	60 60	.019	60	60	60 60	<,001	60	<,001 .032 60 60	<,001	60 60 60
	Pearson Correlation	.128	.252	.232	.136	.024	.335"	.387"	.157	.294 .175	_345 <sup>10</sup> 007	.126	.432 <sup>**</sup>	.228	009	.322		001		24 <sup>°</sup> .302 <sup>°</sup> 011 .019	1	.240	.235	.191 .194		.242	.084 .492 <sup>10</sup> 524 <.001	.565"	.414" .321 .493" .001 .012 <.001
	Sig. (2-tailed) N	60	60	60	60	60	60	.002 60 .375 <sup>**</sup>	60	60 60	60	60	60	60	60	.012 60 .547**	60			60 60	60			.144 .139 60 60 .347 <sup>11</sup> .371 <sup>1</sup>	60	60	60 60	60	60 60 60
	Pearson Correlation	.246	021	.071	.393 <sup>**</sup> .002	.245	.244	.376"	.363"	.244 .373" .061 .003	.191	.381"	.310 <sup>°</sup> .016	.215	.340"	.647**				53" .590" 004 +.001	.240	1	521 <sup>**</sup>	.347" .371	.615**	.383 <sup>**</sup>	.537" .409" =.001 .001	.484"" =.001	.011 .567" .640" .932 =.001 =.001
	Sig. (2-tailed) N	60	60	60	60	60	60	60	60	60 60	60 .445	60 .381	60 .347	60	60 .438	60	60	60		60 60	60	60	60	60 60 .545" .543		60	60 60	60	60 60 60
item24	Pearson Correlation Sig. (2-tailed)	.306	.187	.028	.283	.443 <,001	.325	.303"	.549" <,001	.310 .350	-445**	.381	.347**	.223	.438 <.001	425		.044	485 .4	31 <sup>**</sup> .535 <sup>**</sup> 001 =,001	.235	4,001	1	.545 .543 <.001 <.001	.345"	.310"	.378 .406	.502"" 4.001	.020 .400" .653" .892 .002 <,001
	N	60	60	60	60	60	60	60	60	60 60	60	60	60	60	60	60	60	60	60	60 60	60	60	60	60 60	60	60	60 60	60	60 60 60
	Pearson Correlation Big. (2-tailed)	.468	.372"	.072	.364	.393"	.450 <sup>10</sup>	.311	.254	.207 .402	.188	.445"	439	.163	.698 <sup>°°</sup> <.001	.530 <sup>°°</sup> <.001				.403 <sup>**</sup> .403 <sup>**</sup>	.191		545	1 .496	.272	.214	.627 .174	.301	.002 .590" .670" .991 <.001 <.001
	N	60	60	60	60	60	60	60	60 .381	60 60	60	60	60	60	60 .411 <sup>11</sup>	60				60 60 30 <sup>11</sup> .390 <sup>11</sup>	60			60 60 496		60	60 60	60	60 60 60
Bern26	Pearson Correlation Sig. (2-tailed)	.329	.423 <sup>**</sup> =,001	.197	.297	.275	.336**	.207	.391"	.346" .386"	.264	.256	.222	.191	.411	.244		295	.002 4	00" .390" 001 .002	.194			.496 1 =.001	.413	.353"	.407" .226	.300	.263 .343" .607" .043 .007 +,001
	N	60	60	60	60	60	60	60	60 .272	60 60	60	60	60	60	60	60 .376		60	60	60 60	60		60 345	60 60 .272 .413		60	60 60	60	60 60 60
	Pearson Correlation	.188	.159	.260	.310	.093	.317	.473	.272	.492" .312" =.001 .015	.099	.204	.231	.333"	.119	.376		.001		228 .482 <sup>**</sup> 080 +.001	.384	.615	345"	.272 .413		.408	.271 <sup>°</sup> .236	.279	.306 <sup>°</sup> .438 <sup>°°</sup> .562 <sup>°°</sup> .017 =.001 =.001
	N	60	60	60	60	60	60	60	60	60 60	60	60	60	60	60	60	60	60	60	60 60	60	60	60	60 60		60	60 60	60	60 60 60
	Pearson Correlation Big. (2-tailed)	.355	.258	.103	.279	.246	.200	.327	.283	.153 .232	.294	.363	.272	.174	.195	.181		.225		238 .258	.242	.383	.310	.214 .353		1	.187 .304	.292	.115 .194 .463 .380 .136 <.001
	N	60	60	60	60	60	60	60	60	60 60	60	60	60	60	60	60	60	60	60	60 60	60	60	60	60 64	60	60	60 60	60	60 60 60
Bern29	Pearson Correlation Big. (2-tailed)	.385	.259	.136	.460 <sup>°°</sup> <.001	.293	.421 <sup>44</sup> 4,001	.365	.329	.113 .454" .389 ×.001	.276	.476 <sup>**</sup> <.001	.396"	.235	.572 <sup>10</sup> =.001	.592 <sup>**</sup> ×,001				457 <sup>**</sup> 001 ×.001	.094	.637 <sup>14</sup> ×.001		.627 <sup>10</sup> .407 <sup>1</sup>	.271	.187	1 .219	.194	037 .674" .665" .780 <.001 <.001
	N	60	60	60	60	60	60	60	60	60 60	60	60	60	60	60	60 .277	60	60	60	60 60	60	60	60	60 60	60	60	60 60	60	60 60 60
	Pearson Correlation Sig. (2-tailed)	.156	.220	.346	.273	.260	.317	.278	.376"	.224 .133	.601	.324	.399"	.272	.211	.277	.391	.123		249 .277 <sup>*</sup> 055 .032	.492"	.409	406	.174 .226		.304"	.219 1	.412"	.285 .379 .550 027 .003 =.001
	N	60	60	60	60	60	60	60	60	60 60	60	60	60	60	60	60	60	60	60	60 60	60	60	60	60 60	60	60	60 60	60	60 60 60
Bern 31	Pearson Correlation Sig. (2-tailed)	.141	.096	156	.145	.048	.106	.336	.358	.134 .211	.297	.302	.251	.097	.127	.292				55 .422 005 < 001	.565° <.001		502	.301 .300	.279	.292	.194 .412	1	.237 .415 .500 .068 <.001 <.001
	N	60	60	60	60	60	60	60	60	60 60	60	60	60	60	60	60	60	60	60	60 60	60	60	60	60 60		60	60 60	60	60 60 60
Bern32	Pearson Correlation Big. (2-tailed)	.039	.422	.355	047	083	.041	.307	.232	.359 .059	.171	105	.083	.029	162	027	021	.093 -		.077 773 .558	.414	.011	.020	.002 .263	.306	.115	037 .285 <sup>°</sup> .780 .027	.237	1 .163 .228 .213 .080
	N	60	60	60	60	60	60	60	60 .367	60 60	60	.426 60 .710 <sup>11</sup>	60 472	60	60 .554 <sup>11</sup>	60 .671		60		60 60	60	60 .667 <sup>11</sup>	60	60 60	60	60	60 60	60	60 60 60
Bern33	Pearson Correlation Sig. (2-tailed)	.459	.258	038	.563	.393"	.601	.267	.367"	.062 .591"	.294	.710	+ 001	.194	.654"		= 0.01	001	- 001	14" .550" 201 #.001	.321	.667**		.590 <sup>°°</sup> .343 <sup>°</sup>	.438	.194	.674 .379 =.001 .003	.415	.163 1 .752"
	N	60	60	60	60	60 .550	60	60	60				60 .677 <sup>**</sup>	60	=,001 60 .675	=,001 60 .707	60 .675 <sup>°°</sup> .4	60 60		60 60 89 .696	.012 60 .493			60 60 .670 <sup>**</sup> .607 <sup>*</sup>	=,001 60 .562	.136 60 .463	+,001 .003 60 60 .665 .550	60	60 60 60
Total	Pearson Correlation Sig. (2-tailed)	.603	.468**	.321	.649 <sup>**</sup> <.001	.550 <,001	.692 <sup>**</sup> <,001	.493 <sup>**</sup> <.001	.499" <.001	60 60 .421" .632" <.001 <.001	60 .523** <.001	.659	4,001	.368**		.707 <sup>**</sup> <,001	.675	.001 -	.618 <sup>***</sup> .6 <,001 <,	38" .696" 001 <,001	.493 <sup>**</sup> <.001			.670 .607 <.001 <.001	.562 <,001	.463 <sup>**</sup> <.001	.665 .550 <.001 <.001	.500 <sup>**</sup> <,001	.228 .752 1 .080 <.001
	N	60	60	60	60	60	60	60	60	03 03	60	60	60	60	60	60	60	60	60	60 60	60	60	60	60 60	60	60	03 03	60	60 60 60
	relation is significant at relation is significant at																												

#### B. Reliability Test

### Case Processing Summary

		N	%
Cases	Valid	60	100.0
	Excluded <sup>a</sup>	0	.0
	Total	60	100.0

a. Listwise deletion based on all variables in the procedure.

#### **Reliability Statistics**

Cronbach's Alpha	N of Items	
.930	33	j

		ltem-Total Stat	istics	
	Scale Mean if Item Deleted	Scale Variance if Item Deleted	Corrected Item-Total Correlation	Cronbach's Alpha if Item Deleted
ltem1	119.1333	181.541	.560	.928
ltem2	120.6833	187.305	.425	.929
ltem3	119.3333	187.887	.248	.932
ltem4	119.0667	181.385	.617	.927
ltem5	119.2167	181.325	.505	.929
ltem6	119.1833	180.627	.657	.926
ltem7	118.8667	186.016	.447	.929
ltem8	120.6667	186.938	.465	.929
ltem9	118.9833	186.695	.362	.930
ltem10	119.1833	180.356	.590	.927
ltem11	120.5833	186.857	.496	.928
ltem12	119.0000	180.305	.626	.927
ltem13	118.9667	181.592	.642	.927
ltem14	121.3500	187.723	.325	.930
ltem15	118.8500	181.248	.645	.927
ltem16	118.7333	182.741	.683	.927
ltem17	119.0167	183.068	.536	.928
ltem18	119.9000	185.210	.463	.929
ltem19	119.2000	181.281	.586	.927
ltem20	118.7667	181.911	.659	.927
ltem21	118.7500	182.089	.670	.927
ltem22	120.1500	185.994	.445	.929
ltem23	118.7667	183.267	.610	.927
ltem24	119.5667	184.623	.635	.927
ltem25	118.7833	183.562	.644	.927
ltem26	119.7167	185.156	.569	.928
ltem27	119.7167	186.308	.526	.928
ltem28	120.5500	187.133	.424	.929
ltem29	118.8000	182.875	.636	.927
ltem30	119.7000	186.417	.518	.928
ltem31	119.1000	185.041	.457	.929
ltem32	120.3333	197.345	118	.934
ltem33	118.7167	181.969	.726	.926

### Appendix 4 Descriptive Statistics

	N	Minimum	Maximum	Mean	Std. Deviation	Variance
ltem1	152	1.00	5.00	3.5921	1.41588	2.005
ltem2	152	1.00	5.00	2.6382	1.05823	1.120
ltem3	152	1.00	5.00	3.7829	1.47346	2.171
Item4	152	1.00	5.00	3.8092	1.41764	2.010
ltem5	152	1.00	5.00	3.8947	1.37218	1.883
ltem6	152	1.00	5.00	3.4868	1.50490	2.265
ltem7	152	1.00	5.00	3.5197	1.47370	2.172
ltem8	152	1.00	5.00	2.7171	1.08827	1.184
ltem9	152	1.00	5.00	3.7632	1.48162	2.195
ltem10	152	1.00	5.00	3.5526	1.43647	2.063
ltem11	152	1.00	5.00	2.7303	1.08555	1.178
ltem12	152	1.00	5.00	3.4737	1.38079	1.907
ltem13	152	1.00	5.00	3.5724	1.50321	2.260
ltem14	152	1.00	5.00	2.6842	1.09436	1.198
ltem15	152	1.00	5.00	3.5855	1.37838	1.900
ltem16	152	1.00	5.00	3.5987	1.41543	2.003
ltem17	152	1.00	5.00	3.3750	1.40864	1.984
ltem18	152	1.00	5.00	2.6316	1.18313	1.400
ltem19	152	1.00	5.00	3.4934	1.41887	2.013
ltem20	152	1.00	5.00	3.5000	1.37624	1.894
ltem21	152	1.00	5.00	3.3553	1.37820	1.899
ltem22	152	1.00	5.00	2.9013	1.04698	1.096
ltem23	152	1.00	5.00	3.5987	1.40132	1.964
ltem24	152	1.00	5.00	3.6579	1.46077	2.134
ltem25	152	1.00	5.00	3.6645	1.51786	2.304
ltem26	152	1.00	5.00	3.5724	1.42170	2.021
ltem27	152	1.00	5.00	3.5132	1.40946	1.987
ltem28	152	1.00	5.00	2.5789	1.17099	1.371
ltem29	152	1.00	5.00	3.4868	1.44198	2.079
ltem30	152	1.00	5.00	3.5263	1.38079	1.907
ltem31	152	1.00	5.00	3.4868	1.37136	1.881
ltem32	152	1.00	5.00	3.5658	1.44053	2.075
Valid N (listwise)	152					

### Descriptive Statistics

# Descriptives

### Descriptive Statistics

	N	Minimum	Maximum	Mean	Std. Deviation
FLCAS_Total_Score	152	46.00	150.00	108.3092	30.24935
Valid N (listwise)	152				

# Frequencies

	9	Statistics		
		Gender	FLCAS_Total_ Score	
N	Valid	152	152	
	Missing	0	0	
	and the second s	24.	& PEND	DIRA

# Frequency Table

Gender										
		Frequency	Percent	Valid Percent	Cumulative Percent					
Valid	Male	75	49.3	49.3	49.3					
	Female	77	50.7	50.7	100.0					
	Total	152	100.0	100.0						

100.0

							Statis	tics									
		ltem1	ltem2	ltem3	ltem4	ltem5	ltem6	ltem7	ltem8	ltem9	ltem10	ltem11	ltem12	ltem13	ltem14	ltem15	ltem16
N	Valid	152	152	152	152	152	152	152	152	152	152	152	152	152	152	152	152
	Missing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
							1				1						

ltem17	ltem18	ltem19	ltem20	ltem21	ltem22	ltem23	ltem24	ltem25	ltem26	ltem27	ltem28	ltem29	ltem30	ltem31	ltem32
152	152	152	152	152	152	152	152	152	152	152	152	152	152	152	152
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

# Frequency Table

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1.00	25	16.4	16.4	16.4
	2.00	11	7.2	7.2	23.7
	3.00	12	7.9	7.9	31.6
	4.00	57	37.5	37.5	69.1
	5.00	47	30.9	30.9	100.0
	Total	152	100.0	100.0	

			ltem2		
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1.00	21	13.8	13.8	13.8
	2.00	52	34.2	34.2	48.0
	3.00	47	30.9	30.9	78.9
	4.00	25	16.4	16.4	95.4
	5.00	7	4.6	4.6	100.0
	Total	152	100.0	100.0	
	Total	152	100.0	100.0	

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1.00	21	13.8	13.8	13.8
	2.00	19	12.5	12.5	26.3
	3.00	1	.7	.7	27.0
	4.00	42	27.6	27.6	54.6
	5.00	69	45.4	45.4	100.0
	Total	152	100.0	100.0	

#### ltem4

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1.00	16	10.5	10.5	10.5
	2.00	24	15.8	15.8	26.3
	3.00	1	.7	.7	27.0
	4.00	43	28.3	28.3	55.3
	5.00	68	44.7	44.7	100.0
	Total	152	100.0	100.0	

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1.00	10	6.6	6.6	6.6
	2.00	30	19.7	19.7	26.3
	3.00	1	.7	.7	27.0
	4.00	36	23.7	23.7	50.7
	5.00	75	49.3	49.3	100.0
	Total	152	100.0	100.0	

			ltem6		
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1.00	29	19.1	19.1	19.1
	2.00	11	7.2	7.2	26.3
	3.00	23	15.1	15.1	41.4
	4.00	35	23.0	23.0	64.5
	5.00	54	35.5	35.5	100.0
	Total	152	100.0	100.0	

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1.00	26	17.1	17.1	17.1
	2.00	18	11.8	11.8	28.9
	3.00	8	5.3	5.3	34.2
	4.00	51	33.6	33.6	67.8
	5.00	49	32.2	32.2	100.0
	Total	152	100.0	100.0	

#### ltem8

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1.00	20	13.2	13.2	13.2
	2.00	51	33.6	33.6	46.7
	3.00	39	25.7	25.7	72.4
	4.00	36	23.7	23.7	96.1
	5.00	6	3.9	3.9	100.0
	Total	152	100.0	100.0	

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1.00	25	16.4	16.4	16.4
	2.00	11	7.2	7.2	23.7
	3.00	5	3.3	3.3	27.0
	4.00	45	29.6	29.6	56.6
	5.00	66	43.4	43.4	100.0
	Total	152	100.0	100.0	

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1.00	25	16.4	16.4	16.4
	2.00	18	11.8	11.8	28.3
	3.00	1	.7	.7	28.9
	4.00	64	42.1	42.1	71.1
	5.00	44	28.9	28.9	100.0
	Total	152	100.0	100.0	

#### ltem11

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1.00	26	17.1	17.1	17.1
	2.00	31	20.4	20.4	37.5
	3.00	59	38.8	38.8	76.3
	4.00	30	19.7	19.7	96.1
	5.00	6	3.9	3.9	100.0
	Total	152	100.0	100.0	

#### ltem12

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1.00	25	16.4	16.4	16.4
	2.00	15	9.9	9.9	26.3
	3.00	10	6.6	6.6	32.9
	4.00	67	44.1	44.1	77.0
	5.00	35	23.0	23.0	100.0
	Total	152	100.0	100.0	

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1.00	29	19.1	19.1	19.1
	2.00	14	9.2	9.2	28.3
	3.00	1	.7	.7	28.9
	4.00	57	37.5	37.5	66.4
	5.00	51	33.6	33.6	100.0
	Total	152	100.0	100.0	

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1.00	24	15.8	15.8	15.8
	2.00	44	28.9	28.9	44.7
	3.00	46	30.3	30.3	75.0
	4.00	32	21.1	21.1	96.1
	5.00	6	3.9	3.9	100.0
	Total	152	100.0	100.0	

#### ltem15

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1.00	25	16.4	16.4	16.4
	2.00	11	7.2	7.2	23.7
	3.00	5	3.3	3.3	27.0
	4.00	72	47.4	47.4	74.3
	5.00	39	25.7	25.7	100.0
	Total	152	100.0	100.0	

#### ltem16

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1.00	25	16.4	16.4	16.4
	2.00	11	7.2	7.2	23.7
	3.00	11	7.2	7.2	30.9
	4.00	58	38.2	38.2	69.1
	5.00	47	30.9	30.9	100.0
	Total	152	100.0	100.0	

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1.00	25	16.4	16.4	16.4
	2.00	18	11.8	11.8	28.3
	3.00	23	15.1	15.1	43.4
	4.00	47	30.9	30.9	74.3
	5.00	39	25.7	25.7	100.0
	Total	152	100.0	100.0	

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1.00	29	19.1	19.1	19.1
	2.00	47	30.9	30.9	50.0
	3.00	37	24.3	24.3	74.3
	4.00	29	19.1	19.1	93.4
	5.00	10	6.6	6.6	100.0
	Total	152	100.0	100.0	

#### ltem19

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1.00	25	16.4	16.4	16.4
	2.00	15	9.9	9.9	26.3
	3.00	15	9.9	9.9	36.2
	4.00	54	35.5	35.5	71.7
	5.00	43	28.3	28.3	100.0
	Total	152	100.0	100.0	

#### ltem20

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1.00	25	16.4	16.4	16.4
	2.00	15	9.9	9.9	26.3
	3.00	5	3.3	3.3	29.6
	4.00	73	48.0	48.0	77.6
	5.00	34	22.4	22.4	100.0
	Total	152	100.0	100.0	

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1.00	25	16.4	16.4	16.4
	2.00	18	11.8	11.8	28.3
	3.00	20	13.2	13.2	41.4
	4.00	56	36.8	36.8	78.3
	5.00	33	21.7	21.7	100.0
	Total	152	100.0	100.0	

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1.00	25	16.4	16.4	16.4
	2.00	11	7.2	7.2	23.7
	3.00	8	5.3	5.3	28.9
	4.00	64	42.1	42.1	71.1
	5.00	44	28.9	28.9	100.0
	Total	152	100.0	100.0	

#### ltem24

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1.00	25	16.4	16.4	16.4
	2.00	15	9.9	9.9	26.3
	3.00	1	.7	.7	27.0
	4.00	57	37.5	37.5	64.5
	5.00	54	35.5	35.5	100.0
	Total	152	100.0	100.0	

#### ltem25

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1.00	29	19.1	19.1	19.1
	2.00	11	7.2	7.2	26.3
	3.00	1	.7	.7	27.0
	4.00	52	34.2	34.2	61.2
	5.00	59	38.8	38.8	100.0
	Total	152	100.0	100.0	

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1.00	25	16.4	16.4	16.4
	2.00	15	9.9	9.9	26.3
	3.00	4	2.6	2.6	28.9
	4.00	64	42.1	42.1	71.1
	5.00	44	28.9	28.9	100.0
	Total	152	100.0	100.0	

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1.00	25	16.4	16.4	16.4
	2.00	18	11.8	11.8	28.3
	3.00	1	.7	.7	28.9
	4.00	70	46.1	46.1	75.0
	5.00	38	25.0	25.0	100.0
	Total	152	100.0	100.0	

#### ltem28

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1.00	33	21.7	21.7	21.7
	2.00	44	28.9	28.9	50.7
	3.00	35	23.0	23.0	73.7
	4.00	34	22.4	22.4	96.1
	5.00	6	3.9	3.9	100.0
	Total	152	100.0	100.0	

#### ltem29

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1.00	29	19.1	19.1	19.1
	2.00	11	7.2	7.2	26.3
	3.00	9	5.9	5.9	32.2
	4.00	63	41.4	41.4	73.7
	5.00	40	26.3	26.3	100.0
	Total	152	100.0	100.0	

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1.00	24	15.8	15.8	15.8
	2.00	16	10.5	10.5	26.3
	3.00	5	3.3	3.3	29.6
	4.00	70	46.1	46.1	75.7
	5.00	37	24.3	24.3	100.0
	Total	152	100.0	100.0	

	ltem31										
		Frequency	Percent	Valid Percent	Cumulative Percent						
Valid	1.00	25	16.4	16.4	16.4						
	2.00	15	9.9	9.9	26.3						
	3.00	6	3.9	3.9	30.3						
	4.00	73	48.0	48.0	78.3						
	5.00	33	21.7	21.7	100.0						
	Total	152	100.0	100.0							

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1.00	24	15.8	15.8	15.8
	2.00	19	12.5	12.5	28.3
	3.00	3	2.0	2.0	30.3
	4.00	59	38.8	38.8	69.1
	5.00	47	30.9	30.9	100.0
	Total	152	100.0	100.0	

ONDIKSHA

#### Appendix 5 Inferential Statistics Computation

#### A. Normality Test

# Case Processing Summary

	Cases							
	Valid		Missing		Total			
	N	Percent	N	Percent	N	Percent		
Gender	152	100.0%	0	0.0%	152	100.0%		
FLCAS_Total_Score	152	100.0%	0	0.0%	152	100.0%		

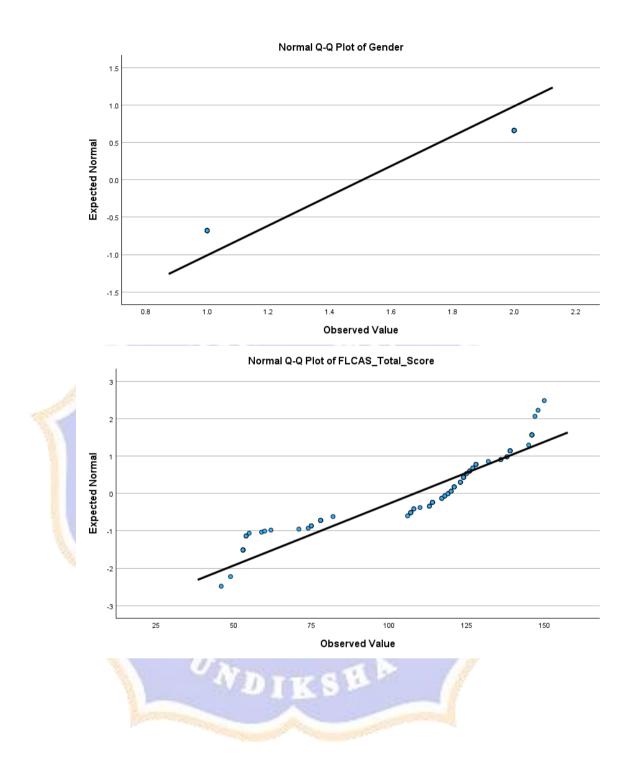
#### Statistic Std. Error Gender Mean 1.51 .041 95% Confidence Interval for Lower Bound 1.43 Mean Upper Bound 1.59 5% Trimmed Mean 1.51 Median 2.00 Variance .252 Std. Deviation .502 Minimum 1 Maximum 2 1 Range Interquartile Range 1 Skewness -.027 .197 Kurtosis -2.026 .391 FLCAS\_Total\_Score 108.3092 2.45355 Mean 95% Confidence Interval for Lower Bound 103.4615 Mean Upper Bound 113.1569 5% Trimmed Mean 109.3173 Median 119.0000 Variance 915.023 Std. Deviation 30.24935 Minimum 46.00 Maximum 150.00 Range 104.00 Interquartile Range 49.00 Skewness -.778 .197 Kurtosis -.679 .391

#### Descriptives

#### Tests of Normality

	Kolmogorov-Smirnov <sup>a</sup>			Shapiro-Wilk		
	Statistic	df	Sig.	Statistic	df	Sig.
Gender	.344	152	<,001	.636	152	<,001
FLCAS_Total_Score	.206	152	<,001	.863	152	<,001

a. Lilliefors Significance Correction



#### B. Homogeneity Test

#### Tests of Homogeneity of Variances

		Levene Statistic	df1	df2	Sig.
FLCAS_Total_Score	Based on Mean	1.177	1	150	.280
	Based on Median	.572	1	150	.451
	Based on Median and with adjusted df	.572	1	147.133	.451
	Based on trimmed mean	1.582	1	150	.210

#### ANOVA

#### FLCAS\_Total\_Score

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	7708.900	1	7708.900	8.864	.003
Within Groups	130459.567	150	869.730		
Total	138168.467	151			

# ANOVA Effect Sizes<sup>a,b</sup>

			95% Confidence Interval		
		Point Estimate	Lower	Upper	
FLCAS_Total_Score	Eta-squared	.056	.006	.139	
	Epsilon-squared	.049	.000	.134	
	Omega-squared Fixed- effect	.049	.000	.133	
	Omega-squared Random- effect	.049	.000	.133	

a. Eta-squared and Epsilon-squared are estimated based on the fixed-effect model.

b. Negative but less biased estimates are retained, not rounded to zero.



C. Hypothesis Testing

# Mann-Whitney Test

Ranks						
Gender	N	Mean Rank	Sum of Ranks			
1	75	65.12	4884.00			
2	77	87.58	6744.00			
Total	152					
	1 2	Gender N   1 75   2 77	Gender N Mean Rank   1 75 65.12   2 77 87.58			

TKS

### Test Statistics<sup>a</sup>

	FLCAS_Total_ Score	
Mann-Whitney U	2034.000	
Wilcoxon W	4884.000	
Z	-3.150	F
Asymp. Sig. (2-tailed)	.002	H

a. Grouping Variable: Gender