PHỤ LỤC 6: KẾT QUẢ KHẢO SÁT SƠ BỘ ĐỊNH LƯỢNG

6.1 – Hệ số Cronbach's Alpha

Năng lực tâm lý

Tự tin

α = 0.683	Scale Mean if Item Deleted	Scale Variance if Item Deleted	Corrected Item-Total Correlation	Cronbach's Alpha if Item Deleted
TT1	11.29	4.474	.370	.674
TT2	11.45	3.645	.563	.549
TT3	11.29	3.578	.589	.530
TT4	10.87	4.514	.351	.680

Lạc quan

α = 0.676	Scale Mean if Item Deleted	Scale Variance if Item Deleted	Corrected Item-Total Correlation	Cronbach's Alpha if Item Deleted
LQ1	6.15	3.388	.338	.663
LQ2	6.98	2.342	.671	.315
LQ3	7.03	2.932	.486	.586

Hy vọng

α = 0.680	Scale Mean if Item Deleted	Scale Variance if Item Deleted	Corrected Item-Total Correlation	Cronbach's Alpha if Item Deleted
HV1	12.16	3.585	.364	.677
HV2	11.97	3.771	.473	.606
HV3	11.91	3.656	.590	.538
HV4	11.56	3.953	.461	.616

Thích nghi

α = 0.608	Scale Mean if Item Deleted	Scale Variance if Item Deleted	Corrected Item-Total Correlation	Cronbach's Alpha if Item Deleted
TN1	7.23	2.704	.308	.437
TN2	7.10	2.346	.304	.443
TN3	7.47	2.103	.366	.332

Gắn kết trong học tập

α = 0.903	Scale Mean if Item Deleted	Scale Variance if Item Deleted	Corrected Item-Total Correlation	Cronbach's Alpha if Item Deleted
GK1	19.46	23.364	.714	.888
GK2	19.42	22.916	.730	.886
GK3	19.36	22.635	.767	.882
GK4	19.83	22.144	.714	.889
GK5	19.17	23.442	.698	.890
GK6	19.05	24.467	.611	.899
GK7	19.35	22.512	.755	.883

Kết quả học tập

α = 0.858	Scale Mean if Item Deleted	Scale Variance if Item Deleted	Corrected Item-Total Correlation	Cronbach's Alpha if Item Deleted
KQ1	10.21	6.827	.663	.835
KQ2	10.27	6.358	.668	.835
KQ3	10.52	6.265	.758	.796
KQ4	10.30	6.185	.726	.809

6.2 – Kiểm định EFA

Kết quả EFA (lần 1)

KMO and Bartlett's Test

Kaiser-Meyer-Olkin Measure of Sampling Adequacy		.843
Bartlett's Test of Sphericity	Approx. Chi-Square	1793.962
	df	300
	Sig.	.000

Total Variance Explained

Com-ponent	Intitial Eigenvalues			Extraction Sums of Squared Loadings			Rotation Sums of Squared Loadingss		
	Total	% of Variance	Cumulative %	Total	% of Variance	Cumulative %	Total	% of Variance	Cumulative %
1	7.739	30.957	30.957	7.739	30.957	30.957	5.596	22.384	22.284
2	2.526	10.104	41.061	2.526	10.104	41.061	2.512	10.050	32.434
3	1.873	7.494	48.554	1.873	7.494	48.554	2.209	8.835	41.269
4	1.497	5.987	54.541	1.497	5.987	54.541	1.912	7.648	48.917
5	1.3778	5.513	60.054	1.378	5.513	60.054	1.899	7.595	56.512
6	1.186	4.745	64.799	1.186	4.745	64.799	1.565	6.258	62.770
7	1.018	4.073	68.872	1.018	4.073	68.872	1.525	6.102	68.872
8	.817	3.267	72.139						
9	.803	3.213	75.353						
10	.701	2.802	78.155						
11	.646	2.582	80.737						
12	.604	2.415	83.152						
13	.542	2.166	85.318						
14	.491	1.964	87.283						
15	.472	1.886	89.169						
16	.397	1.586	90.755						
17	.357	1.427	92.183						
18	.343	1.370	93.553						
19	.301	1.202	94.755						
20	.284	1.137	95.892						
21	.267	1.066	96.959						
22	.241	.965	97.924						
23	.218	.872	98.796						
24	.163	.652	99.447						
25	.138	.553	100.000						

Extraction Method: Principal Component Analysis

	Các nhân tố					
	1	2	3	4	5	6
GK5	.782					
GK6	.772					
GK7	.729					
GK2	.722					
GK3	.656	.533				
GK4	.591	.521				
GK1	.585					
KQ3		.791				
KQ4		.740				
KQ1		.731				
KQ2		.714				
HV1						
HV3			.812			
HV2			.730			
HV4			.709			
LQ2				.862		
LQ3				.678		
LQ1				.606		
TT2					.796	
TT4					.731	
TT3					.729	
TT1					.515	
TN1						.737
TN2						.665
TN3						.656

Extraction Method: Principal Component Analysis.

Rotation Method: Varimax with Kaiser Normalization.

a. Rotation converged in 10 iterations.

Kết quả EFA (lần 2)

KMO and Bartlett's Test

Kaiser-Meyer-Olkin Measure of Sampling Adequacy		.821
Bartlett's Test of Sphericity	Approx. Chi-Square	1367.206
	df	231
	Sig.	.000

Total Variance Explained

Com-ponent	Intitial Eigenvalues			Extraction Sums of Squared Loadings			Rotation Sums of Squared Loadingss		
	Total	% of Variance	Cumulative %	Total	% of Variance	Cumulative %	Total	% of Variance	Cumulative %
1	6.424	29.202	29.202	6.424	29.202	29.202	5.374	24.428	24.428
2	2.445	11.112	40.313	2.445	11.112	40.313	2.038	9.264	33.692
3	1.713	7.787	48.101	1.713	7.787	48.101	2.009	9.131	42.823
4	1.438	6.538	54.639	1.438	6.538	54.639	1.852	8.419	51.242
5	1.282	5.829	60.468	1.282	5.829	60.468	1.743	7.921	59.163
6	1.136	5.163	65.631	1.136	5.163	65.631	1.423	6.467	65.631
7	.904	4.110	69.740						
8	.806	3.665	73.406						
9	.735	3.339	76.745						
10	.641	2.913	79.658						
11	.600	2.726	82.383						
12	.574	2.611	84.994						
13	.506	2.301	87.296						
14	.466	2.118	89.414						
15	.395	1.797	91.211						
16	.382	1.736	92.947						
17	.357	1.621	94.568						
18	.291	1.321	95.889						
19	.283	1.285	97.174						
20	.236	1.071	98.245						
21	.206	.936	99.181						
22	.180	.819	100.000						

Extraction Method: Principal Component Analysis.

	Các nhân tố					
	1	2	3	4	5	6
GK5	.808					
GK7	.796					
GK6	.739					
GK2	.660					
GK1	.601					
KQ3		.816				
KQ4		.774				
KQ1		.744				
KQ2		.700				
HV3			.828			
HV2			.753			
HV4			.670			
TT2				.828		
TT3				.750		
TT4				.674		
TT1				.545		
LQ2					.868	
LQ3					.665	
LQ1					.599	
TN3						.734
TN1						.632
TN2						.587

Extraction Method: Principal Component Analysis.

Rotation Method: Varimax with Kaiser Normalization.

a. Rotation converged in 14 iterations.

PHỤ LỤC 7: KẾT QUẢ CRONBACH'S ALPHA VÀ EFA

7.1 – Kết quả Cronbach's Alpha

Tự tin

α=0.695	Scale Mean if Item Deleted	Scale Variance if Item Deleted	Corrected Item-Total Correlation	Cronbach's Alpha if Item Deleted
TT1	11.09	4.536	.380	.690
TT2	11.24	3.726	.543	.588
TT3	11.19	3.736	.566	.572
TT4	10.49	4.548	.437	.657

Lạc quan

α=0.604	Scale Mean if Item Deleted	Scale Variance if Item Deleted	Corrected Item-Total Correlation	Cronbach's Alpha if Item Deleted
LQ1	5.69	3.388	.255	.517
LQ2	6.59	2.540	.549	.395
LQ3	6.82	2.703	.459	.435

Hy vọng

α=0.704	Scale Mean if Item Deleted	Scale Variance if Item Deleted	Corrected Item-Total Correlation	Cronbach's Alpha if Item Deleted
HV1	8.38	1.628	.561	.563
HV2	8.34	1.621	.638	.462
HV3	7.90	2.102	.383	.700

Thích nghi

α=0.549	Scale Mean if Item Deleted	Scale Variance if Item Deleted	Corrected Item-Total Correlation	Cronbach's Alpha if Item Deleted
TN1	7.24	2.629	.350	.465
TN2	7.11	2.349	.347	.468
TN3	7.40	2.209	.385	.406

Gắn kết trong học tập

α=0.830	Scale Mean if Item Deleted	Scale Variance if Item Deleted	Corrected Item-Total Correlation	Cronbach's Alpha if Item Deleted
GK1	13.16	8.347	.622	.798
GK2	13.07	8.278	.628	.796
GK3	12.94	8.450	.636	.794
GK4	12.81	8.792	.592	.806
GK5	13.15	8.215	.660	.787

Kết quả học tập

α=0.815	Scale Mean if Item Deleted	Scale Variance if Item Deleted	Corrected Item-Total Correlation	Cronbach's Alpha if Item Deleted
KQ1	9.48	5.620	.590	.789
KQ2	9.58	5.259	.612	.782
KQ3	9.74	5.649	.684	.748
KQ4	9.53	5.627	.670	.753

7.2 – Kết quả EFA

KMO and Bartlett's Test

Kaiser-Meyer-Olkin Measure of Sampling Adequacy		.849
Bartlett's Test of Sphericity	Approx. Chi-Square	3706.190
	df	231
	Sig.	.000

Tổng phương sai trích tích lũy

Com-ponent	Initial Eigenvalues			Extraction Sums of Squared Loadings			Rotation Sums of Squared Loadingss		
	Total	% of Variance	Cumulative %	Total	% of Variance	Cumulative %	Total	% of Variance	Cumulative %
1	5.861	26.642	26.642	5.861	26.642	26.642	4.027	18.306	18.306
2	2.111	9.598	36.239	2.111	9.598	36.239	2.365	10.751	29.057
3	1.663	7.561	43.801	1.663	7.561	43.801	2.178	9.901	38.958
4	1.417	6.443	50.243	1.417	6.443	50.243	1.931	8.776	47.734
5	1.253	5.696	55.939	1.253	5.696	55.939	1.598	7.265	54.999
6	1.018	4.627	60.567	1.018	4.627	60.567	1.225	5.567	60.567
7	.952	4.328	64.895						
8	.803	3.652	68.546						
9	.732	3.326	71.872						
10	.721	3.279	75.151						
11	.657	2.988	78.140						
12	.618	2.809	80.948						
13	.604	2.745	83.694						
14	.534	2.427	86.121						
15	.519	2.361	88.482						
16	.464	2.109	90.591						
17	.397	1.806	92.397						
18	.391	1.776	94.173						
19	.357	1.625	95.797						
20	.349	1.586	97.384						
21	.306	1.391	98.775						
22	.269	1.225	100.000						

Extraction Method: Principal Component Analysis

Ma trận nhân tố khám phá

	Các nhân tố					
	1	2	3	4	5	6
GK5	.771					
GK2	.754		.325	.327		
GK3	.744					
GK1	.719					
GK4	.713					
KQ3		.669		.344		
KQ1		.644		.314		
KQ4		.534				
KQ2		.434				
TT2			.765			
TT3			.746			
TT4			.642			
TT1			.492			
LQ1			.308	.790		
LQ3				.789		
LQ2				.771		
HV2					.860	
HV1					.834	
HV3					.541	
TN3		.342				.787
TN1						.623
TN2						.602

Extraction Method: Principal Component Analysis.

Rotation Method: Varimax with Kaiser Normalization.

a. Rotation converged in 8 iterations.

PHỤ LỤC 8: KẾT QUẢ PHÂN TÍCH HỒI QUY

8.1 – Tác động của năng lực tâm lý đến gắn kết trong học tập

Hệ số tương quan

Correlations

		TT	LQ	HV	TN	GK
TT	Pearson Correlation	1	.174**	.322**	.359**	**.339****
	Sig. (2-tailed)		.000	.000	.000	**.000**
	N	525	525	525	525	525
LQ	Pearson Correlation	.174**	1	.123**	.195**	**.181****
	Sig. (2-tailed)	.000		.005	.000	**.000**
	N	525	525	525	525	525
HV	Pearson Correlation	.322**	.123**	1	.205**	**.220****
	Sig. (2-tailed)	.000	.005		.000	**.000**
	N	525	525	525	525	525
TN	Pearson Correlation	.359**	.195**	.205**	1	**.287****
	Sig. (2-tailed)	.000	.000	.000		**.000**
	N	525	525	525	525	525
GK	Pearson Correlation	**.339****	**.181****	**.220****	**.287****	1
	Sig. (2-tailed)	**.000**	**.000**	**.000**	**.000**	
	N	525	525	525	525	525

**. Correlation is significant at the 0.01 level (2-tailed).

Hồi quy

Variables Entered/Removed[a]

Model	Variables Entered	Variables Removed	Method
1	TN, LQ, HV, TT[b]	.	Enter

a. Dependent Variable: GK

b. All requested variables entered.

Model Summary[b]

Model	R	R^2	Adjusted R^2	Std. Error of the Estimate	Change Statistics					Durbin-Watson
					R^2 Change	F Change	df1	df2	Sig. F Change	
1	.407[a]	.265	**.259**	.651	.265	25.763	4	520	.000	1.772

a. Predictors: (Constant), TN, LQ, HV, TT

b. Dependent Variable: GK

ANOVA

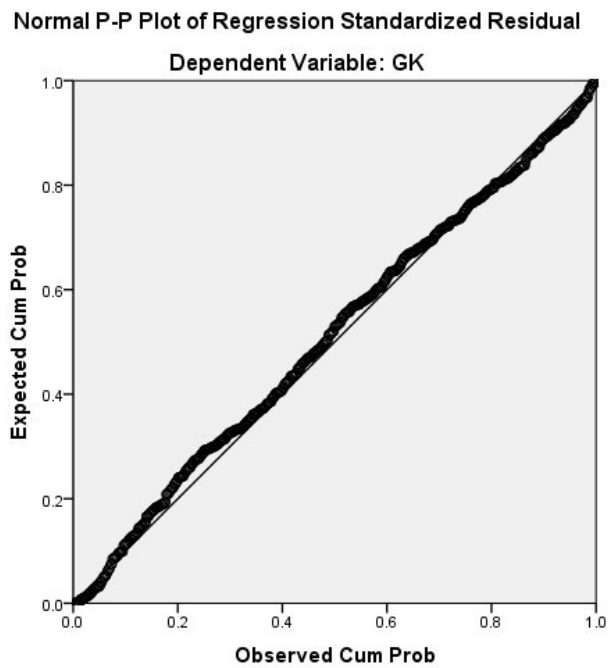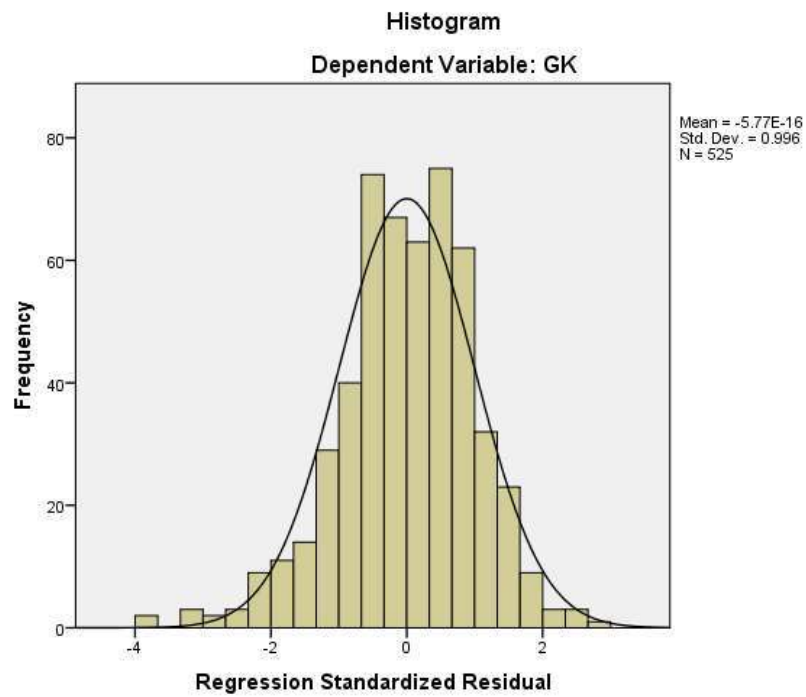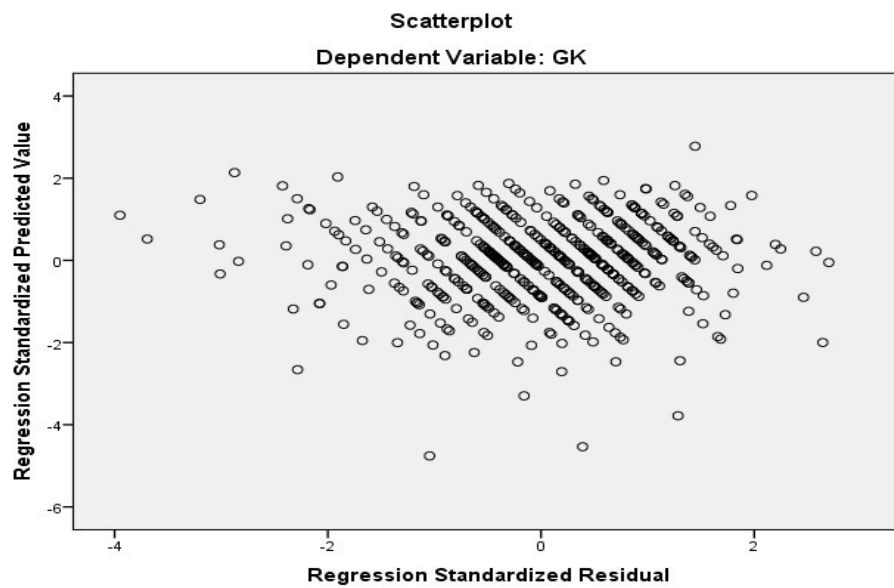| Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	81.823	4	10.933	25.763	.000[b]
	Residual	220.663	520	.424		
	Total	302.486	524			

a. Dependent Variable: GK

b. Predictors: (Constant), TN, LQ, HV, TT

Coefficients[a]

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.	Collinearity Statistics	
		B	Std. Error	Beta			Tolerance	VIF
1	(Constant)	.967	.243		3.985	**.000**		
	TT	.254	.049	**.231**	5.160	**.000**	.800	**1.251**
	LQ	.088	.038	**.096**	2.337	**.020**	.946	**1.057**
	HV	.114	.049	**.100**	2.349	**.019**	.884	**1.131**
	TN	.168	.044	**.165**	3.789	**.000**	.846	**1.183**

a. Dependent Variable: GK

Histogram

Dependent Variable: GK

Mean = -5.77E-16
Std. Dev. = 0.996
N = 525

Normal P-P Plot of Regression Standardized Residual

Dependent Variable: GK

Scatterplot
Dependent Variable: GK

8.2 – Tác động của năng lực tâm lý đến kết quả học tập

Hệ số tương quan

Correlations

		TT	LQ	HV	TN	KQ
TT	Pearson Correlation	1	.174**	.322**	.359**	**.428****
	Sig. (2-tailed)		.000	.000	.000	**.000**
	N	525	525	525	525	525
LQ	Pearson Correlation	.174**	1	.123**	.195**	**.338****
	Sig. (2-tailed)	.000		.005	.000	**.000**
	N	525	525	525	525	525
HV	Pearson Correlation	.322**	.123**	1	.205**	**.208****
	Sig. (2-tailed)	.000	.005		.000	**.000**
	N	525	525	525	525	525
TN	Pearson Correlation	.359**	.195**	.205**	1	**.315****
	Sig. (2-tailed)	.000	.000	.000		**.000**
	N	525	525	525	525	525
KQ	Pearson Correlation	**.428****	**.338****	**.208****	**.315****	1
	Sig. (2-tailed)	**.000**	**.000**	**.000**	**.000**	
	N	525	525	525	525	525

**. Correlation is significant at the 0.01 level (2-tailed)

Hồi quy

Variables Entered/Removed^a

Model	Variables Entered	Variables Removed	Method
1	TN, LQ, HV, TT^b	.	Enter

a. Dependent Variable: KQ

b. All requested variables entered.

Model Summary^b

Mo del	R	R^2	Adjusted R^2	Std. Error of the Estimate	R^2 Change	F Change	df 1	df2	Sig. F Change	Durbin-Watson
1	.524^a	.275	**.269**	.651	.275	49.305	4	520	.000	1.803

a. Predictors: (Constant), TN, LQ, HV, TT

b. Dependent Variable: KQ

ANOVA

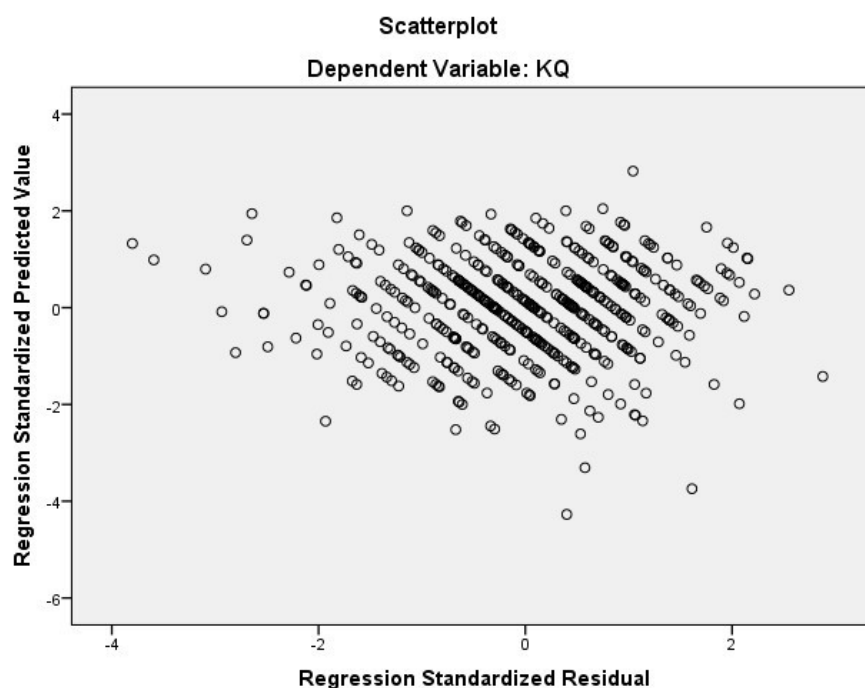|	Model	Sum of Squares	df	Mean Square	F	Sig.
1	Regression	83.530	4	20.883	49.305	.000^b
	Residual	220.243	520	.424		
	Total	303.773	524			

a. Dependent Variable: KQ

b. Predictors: (Constant), TN, LQ, HV, TT

Coefficients^a

	Model	Unstandardized Coefficients		Standardized Coefficients	t	Sig.	Collinearity Statistics	
		B	Std. Error	Beta			Tolerance	VIF
1	(Constant)	.246	.242		1.014	**.011**		
	TT	.376	.049	**.319**	7.636	**.000**	.800	**1.251**
	LQ	.244	.038	**.249**	6.476	**.000**	.946	**1.057**
	HV	.056	.049	**.046**	1.156	**.048**	.884	**1.131**
	TN	.155	.044	**.143**	3.511	**.000**	.846	**1.183**

a. Dependent Variable: KQ

Histogram

Dependent Variable: KQ

Mean = 5.79E-16
Std. Dev. = 0.996
N = 525

Normal P-P Plot of Regression Standardized Residual

Dependent Variable: KQ

Scatterplot
Dependent Variable: KQ
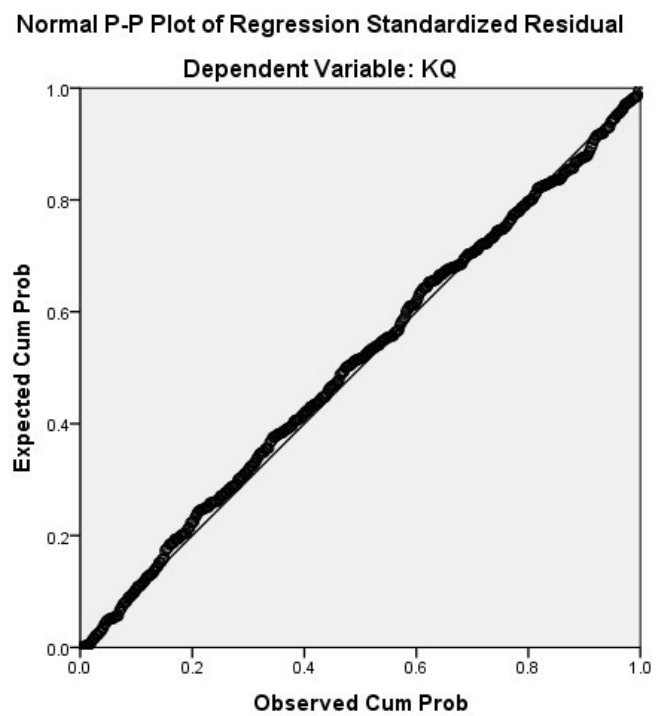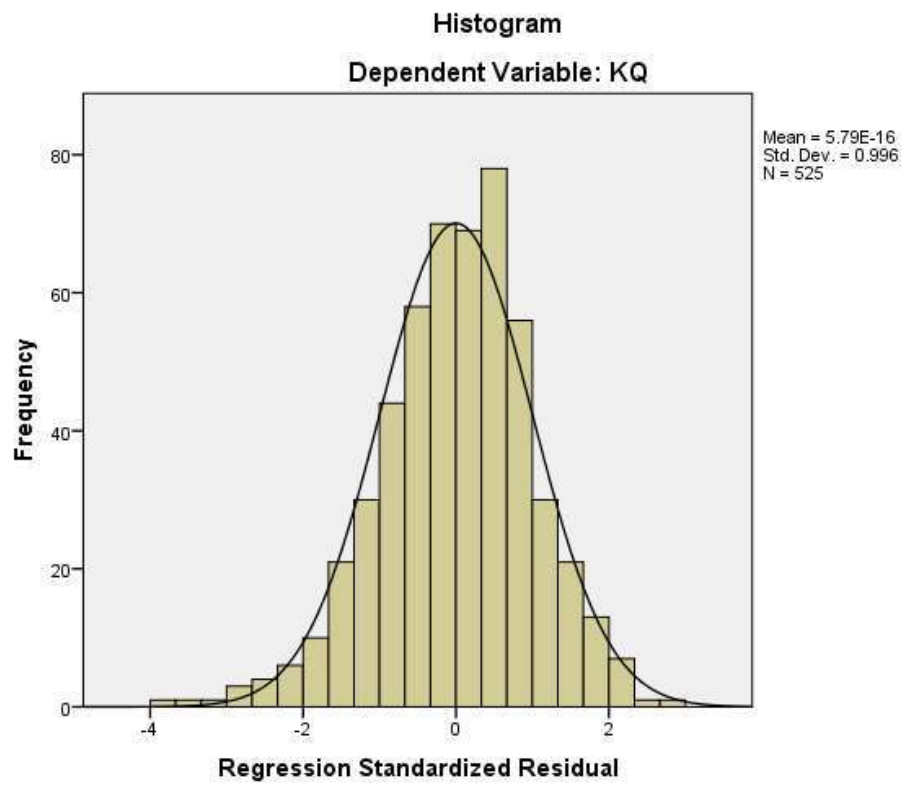
8.3 – Tác động của gắn kết trong học tập đến kết quả học tập

Hệ số tương quan

Correlations

		GK	KQ
GK	Pearson Correlation	1	.600**
	Sig. (2-tailed)		.000
	N	525	525
KQ	Pearson Correlation	.600**	1
	Sig. (2-tailed)	.000	
	N	525	525

**. Correlation is significant at the 0.01 level (2-tailed)

Hồi quy

Variables Entered/Removed^a

Model	Variables Entered	Variables Removed	Method
1	GK^b	.	Enter

a. Dependent Variable: KQ

b. All requested variables entered

Model Summary[b]

| Mo del | R | R^2 | Adjusted R^2 | Std. Error of the Estimate | Change Statistics | | | | | Durbin-Watson |
					R^2 Change	F Change	df 1	df2	Sig. F Change	
1	.600[a]	.360	**.359**	.610	.360	294.641	1	523	.000	1.918

a. Predictors: (Constant), GK

b. Dependent Variable: KQ

ANOVA

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	109.466	1	109.466	294.641	.000[b]
	Residual	194.307	523	.372		
	Total	303.773	524			

a. Dependent Variable: KQ

b. Predictors: (Constant), GK

Coefficients[a]

| Model | | Unstandardized Coefficients | | Standardized Coefficients | t | Sig. | Collinearity Statistics | |
		B	Std. Error	Beta			Tolerance	VIF
1	(Constant)	1.100	.125		8.803	.000		
	GK	.643	.037	**.600**	17.165	**.000**	1.000	**1.000**

a. Dependent Variable: KQ