الملحق رقم 01: نتائج محددات الكفاءة التقنية TE بنموذج الانحدار Tobit باستعمال برنامج EVIEWS 8

```
Dependent Variable: TE
Method: ML - Censored Normal (TOBIT) (Quadratic hill climbing)
Date: 02/05/19   Time: 18:08
Sample: 2012 2017
Included observations: 66
Left censoring (value) at zero
Convergence achieved after 3 iterations
Covariance matrix computed using second derivatives
```

Variable	Coefficient	Std. Error	z-Statistic	Prob.
C	0.116138	0.259502	0.447542	0.6545
INF	0.342513	0.197061	1.738102	0.0822
GDP	0.089467	0.607072	0.147375	0.8828
TAILLE	0.048571	0.018556	2.617595	0.0089

Error Distribution				
SCALE:C(5)	0.177179	0.015421	11.48962	0.0000

Mean dependent var	0.835561	S.D. dependent var		0.192139
S.E. of regression	0.184297	Akaike info criterion		-0.471802
Sum squared resid	2.071887	Schwarz criterion		-0.305919
Log likelihood	20.56946	Hannan-Quinn criter.		-0.406254
Avg. log likelihood	0.311659			

Left censored obs	0	Right censored obs		0
Uncensored obs	66	Total obs		66

الملحق رقم 02: اختبار Wald لمعاملات الكفاءة التقنية TE

```
Wald Test:
Equation: Untitled
```

Test Statistic	Value	df	Probability
F-statistic	35.61294	(4, 61)	0.0000
Chi-square	142.4518	4	0.0000

```
Null Hypothesis: C(2) = C(3) = C(4) = C(5) =0
Null Hypothesis Summary:
```

Normalized Restriction (= 0)	Value	Std. Err.
C(2)	0.342513	0.197061
C(3)	0.089467	0.607072
C(4)	0.048571	0.018556
C(5)	0.177179	0.015421

```
Restrictions are linear in coefficients.
```

الملحق رقم 03: نتائج محددات الكفاءة التقنية PTE بنموذج الانحدار Tobit باستعمال برنامج EVIEWS 8

Dependent Variable: PTE
Method: ML - Censored Normal (TOBIT) (Quadratic hill climbing)
Date: 02/05/19   Time: 18:10
Sample: 2012 2017
Included observations: 66
Left censoring (value) at zero
Convergence achieved after 3 iterations
Covariance matrix computed using second derivatives

Variable	Coefficient	Std. Error	z-Statistic	Prob.
C	0.566041	0.220960	2.561731	0.0104
INF	0.375040	0.167794	2.235127	0.0254
GDP	0.320093	0.516910	0.619243	0.5358
TAILLE	0.020374	0.015800	1.289529	0.1972

Error Distribution				
SCALE:C(5)	0.150864	0.013130	11.48962	0.0000

Mean dependent var	0.900258	S.D. dependent var	0.160414
S.E. of regression	0.156925	Akaike info criterion	-0.793360
Sum squared resid	1.502158	Schwarz criterion	-0.627477
Log likelihood	31.18087	Hannan-Quinn criter.	-0.727811
Avg. log likelihood	0.472437		

Left censored obs	0	Right censored obs	0
Uncensored obs	66	Total obs	66

الملحق رقم 04: اختبار Wald لمعاملات الكفاءة التقنية PTE

Wald Test:
Equation: Untitled

Test Statistic	Value	df	Probability
F-statistic	34.87532	(4, 61)	0.0000
Chi-square	139.5013	4	0.0000

Null Hypothesis: C(2) = C(3) = C(4) = C(5) =0
Null Hypothesis Summary:

Normalized Restriction (= 0)	Value	Std. Err.
C(2)	0.375040	0.167794
C(3)	0.320093	0.516910
C(4)	0.020374	0.015800
C(5)	0.150864	0.013130

Restrictions are linear in coefficients.

الملحق رقم 05: نتائج محددات الكفاءة التقنية SE بنموذج الانحدار Tobit باستعمال برنامج EVIEWS 8

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```
Dependent Variable: SE
Method: ML - Censored Normal (TOBIT) (Quadratic hill climbing)
Date: 02/05/19   Time: 18:12
Sample: 2012 2017
Included observations: 66
Left censoring (value) at zero
Convergence achieved after 3 iterations
Covariance matrix computed using second derivatives
```

Variable	Coefficient	Std. Error	z-Statistic	Prob.
C	0.525617	0.174358	3.014583	0.0026
INF	-0.004521	0.132405	-0.034147	0.9728
GDP	-0.192744	0.407889	-0.472540	0.6365
TAILLE	0.029180	0.012468	2.340474	0.0193

Error Distribution				
SCALE:C(5)	0.119046	0.010361	11.48962	0.0000

Mean dependent var	0.928553	S.D. dependent var	0.124837
S.E. of regression	0.123828	Akaike info criterion	-1.267104
Sum squared resid	0.935343	Schwarz criterion	-1.101221
Log likelihood	46.81444	Hannan-Quinn criter.	-1.201556
Avg. log likelihood	0.709310		

Left censored obs	0	Right censored obs	0
Uncensored obs	66	Total obs	66

الملحق رقم 06: اختبار Wald لمعاملات الكفاءة الحجمية SE

```
Wald Test:
Equation: Untitled
```

Test Statistic	Value	df	Probability
F-statistic	34.37248	(4, 61)	0.0000
Chi-square	137.4899	4	0.0000

```
Null Hypothesis: C(2) = C(3) = C(4) = C(5) =0
Null Hypothesis Summary:
```

Normalized Restriction (= 0)	Value	Std. Err.
C(2)	-0.004521	0.132405
C(3)	-0.192744	0.407889
C(4)	0.029180	0.012468
C(5)	0.119046	0.010361

Restrictions are linear in coefficients.