

APPENDICES

Appendix (1):

Regression

Variables Entered/Removed^b

Model	Variables Entered	Variables Removed	Method
1	Net Export (X-M), Interest Rate, Taxation, M SDG, S SDG, G SDG, I SDG ^a		Enter

a. All requested variables entered.

b. Dependent Variable: GDP SDG

Model Summary^b

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate	Durbin-Watson
1	.903 ^a	.815	.707	23663.9214	2.698

a. Predictors: (Constant), Net Export (X-M), Interest Rate, Taxation, M SDG, S SDG, G SDG, I SDG

b. Dependent Variable: GDP SDG

ANOVA^b

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	2.958E10	7	4.226E9	7.547	.001 ^a
	Residual	6.720E9	13	5.600E8		
	Total	3.630E10	20			

a. Predictors: (Constant), Net Export (X-M), Interest Rate, Taxation, M SDG, S SDG, G SDG, I SDG

b. Dependent Variable: GDP SDG

Coefficients^a

Model		Unstandardized Coefficients		Standardized	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	48962.546	31930.854		1.533	.151
	G SDG	.664	10.098	.063	.066	.949
	M SDG	-3.976	1.332	-.657	-2.984	.011
	S SDG	-4.131	5.101	-.483	-.810	.434
	I SDG	6.352	6.234	1.327	1.019	.328
	Taxation	684.333	3604.606	.027	.190	.853
	Interest Rate	-1692.947	899.843	-.400	-1.881	.084
	Net Export (X-M)	-.004	.004	-.175	-.922	.375

a. Dependent Variable: GDP SDG

Residuals Statistics^a

	Minimum	Maximum	Mean	Std. Deviation	N
Predicted Value	539.862	1.515E5	3.888E4	39459.8852	21
Residual	-5.2674E4	5.0746E4	.0000	18806.1777	21
Std. Predicted Value	-.972	2.855	.000	1.000	21
Std. Residual	-2.226	2.144	.000	.795	21

a. Dependent Variable: GDP SDG

Appendix (2):

Regression

Variables Entered/Removed^{b,c}

Model	Variables Entered	Variables Removed	Method
1	Net Export (X-M), Interest Rate, S SDG, M SDG, Taxation, G SDG, I SDG ^a		. Enter

a. All requested variables entered.

b. Dependent Variable: GDP SDG

c. Linear Regression through the Origin

Model Summary^{c,d}

Model	R	R Square ^b	Adjusted R Square	Std. Error of the Estimate	Durbin-Watson
1	.938 ^a	.879	.814	24863.4028	2.315

a. Predictors: Net Export (X-M), Interest Rate, S SDG, M SDG, Taxation, G SDG, I SDG

b. For regression through the origin (the no-intercept model), R Square measures the proportion of the variability in the dependent variable about the origin explained by regression. This CANNOT be compared to R Square for models which include an intercept.

c. Dependent Variable: GDP SDG

d. Linear Regression through the Origin

ANOVA^{c,d}

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	5.850E10	7	8.357E9	13.519	.000 ^a
	Residual	8.036E9	14	6.182E8		
	Total	6.654E10 ^b	21			

a. Predictors: Net Export (X-M), Interest Rate, S SDG, M SDG, Taxation, G SDG, I SDG

b. This total sum of squares is not corrected for the constant because the constant is zero for regression through the origin.

c. Dependent Variable: GDP SDG

d. Linear Regression through the Origin

Coefficients^{a,b}

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	G SDG	-3.520	10.216	-.330	-.345	.736
	M SDG	-3.505	1.362	-.553	-2.573	.023
	S SDG	-5.116	5.316	-.565	-.962	.353
	I SDG	9.740	6.125	2.084	1.590	.136
	Taxation	3843.463	3107.742	.275	1.237	.238
	Interest Rate	-563.037	542.649	-.225	-1.038	.318
	Net Export (X-M)	-.003	.004	-.139	-.781	.449

a. Dependent Variable: GDP SDG

b. Linear Regression through the Origin

Residuals Statistics^{a,b}

	Minimum	Maximum	Mean	Std. Deviation	N
Predicted Value	-2.566E3	1.535E5	3.754E4	39949.1997	21
Residual	-6.0056E4	4.2910E4	1.3446E3	20519.9473	21
Std. Predicted Value	-1.004	2.902	.000	1.000	21
Std. Residual	-2.415	1.726	.054	.825	21

a. Dependent Variable: GDP SDG

b. Linear Regression through the Origin

Appendix (3):

Regression

Variables Entered/Removed^b

Model	Variables Entered	Variables Removed	Method
1	Interest Rate, Taxation, Real, REAL, REAL, Real, Real ^a		. Enter

a. All requested variables entered.

b. Dependent Variable: REAL

Model Summary^b

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate	Durbin-Watson
1	.829 ^a	.687	.505	.5954	2.379

a. Predictors: (Constant), Interest Rate, Taxation, Real, REAL, REAL, Real, Real

b. Dependent Variable: REAL

ANOVA^b

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	9.354	7	1.336	3.769	.021 ^a
	Residual	4.254	13	.355		
	Total	13.608	20			

a. Predictors: (Constant), Interest Rate, Taxation, Real, REAL, REAL, Real, Real

b. Dependent Variable: REAL

Coefficients^a

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	1.419	1.082		1.312	.214
	Real	3.275	6.592	.320	.497	.628
	REAL	-3.269	1.491	-.534	-2.193	.049
	REAL	-3.152	3.640	-.440	-.866	.404
	Real	3.694	4.556	.759	.811	.433
	Real	-.002	.003	-.155	-.706	.494
	Taxation	.101	.119	.202	.847	.414
	Interest Rate	-.041	.028	-.501	-1.491	.162

a. Dependent Variable: REAL

Residuals Statistics^a

	Minimum	Maximum	Mean	Std. Deviation	N
Predicted Value	.641	3.253	1.415	.7016	21
Residual	-1.5388	.9841	.0000	.4732	21
Std. Predicted Value	-1.102	2.620	.000	1.000	21
Std. Residual	-2.584	1.653	.000	.795	21

a. Dependent Variable: REAL

Appendix (4):

Regression

Variables Entered/Removed^{b,c}

Model	Variables Entered	Variables Removed	Method
1	Interest Rate, REAL, Real, REAL, Taxation, Real, Real ^a		Enter

- a. All requested variables entered.
- b. Dependent Variable: REAL
- c. Linear Regression through the Origin

Model Summary^{c,d}

Model	R	R Square ^b	Adjusted R Square	Std. Error of the Estimate	Durbin-Watson
1	.954 ^a	.909	.860	.6117	2.002

- a. Predictors: Interest Rate, REAL, Real, REAL, Taxation, Real, Real
- b. For regression through the origin (the no-intercept model), R Square measures the proportion of the variability in the dependent variable about the origin explained by regression. This CANNOT be compared to R Square for models which include an intercept.
- c. Dependent Variable: REAL
- d. Linear Regression through the Origin

ANOVA^{c,d}

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	48.776	7	6.968	18.622	.000 ^a
	Residual	4.864	14	.374		
	Total	53.640 ^b	21			

- a. Predictors: Interest Rate, REAL, Real, REAL, Taxation, Real, Real
- b. This total sum of squares is not corrected for the constant because the constant is zero for regression through the origin.
- c. Dependent Variable: REAL
- d. Linear Regression through the Origin

Coefficients^{a,b}

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	Real	1.009	6.535	.087	.154	.880
	REAL	-2.915	1.506	-.466	-1.935	.075
	REAL	-4.739	3.527	-.483	-1.343	.202
	Real	7.210	3.786	1.466	1.905	.079
	Real	.000	.003	-.024	-.154	.880
	Taxation	.183	.103	.461	1.770	.100
	Interest Rate	-.014	.018	-.193	-.742	.471

a. Dependent Variable: REAL

b. Linear Regression through the Origin

Residuals Statistics^{a,b}

	Minimum	Maximum	Mean	Std. Deviation	N
Predicted Value	.602	3.320	1.393	.7237	21
Residual	-1.6558	.7488	.0215	.5055	21
Std. Predicted Value	-1.094	2.662	.000	1.000	21
Std. Residual	-2.707	1.224	.035	.826	21

a. Dependent Variable: REAL

b. Linear Regression through the Origin