

Table S2 Death rate models for the N-S transect, showing up to the 5 most important terms for both the whole period model (left) and the split period model (right). Each model shows the term (left), multiplier (middle) and ERR contribution (right). The Σ ERR row shows the number of terms in the complete model (left) and the total ERR value for the full model (right)

Whole period				Split period					
Country	1960-2014			1960-1989			1990-2014		
Libya*	u7(t- 2)	1.0157e+00	98.027	u4(t- 1) * u4(t- 1)	5.5825e-01	9.9110e+01	No Model		
	u2(t- 2)*u7(t- 2)	-1.1178e-02	1.3465	u3(t- 1) * u3(t- 2)	-1.8372e-08	7.7699e-01			
	u9(t- 3)*u9(t- 5)	1.9791e-04	0.31385	u5(t- 5) * u8(t- 3)	6.4723e-02	5.7764e-02			
	u5(t- 2)*u5(t- 5)	-3.5891e-03	0.19030	u3(t- 3) * u7(t- 5)	-6.2068e-06	3.2259e-02			
	u7(t- 1)*u7(t-4)	2.3523e-03	0.024071						
Σ ERR	5		99.90	4		99.77			
Chad	u5(t-5)	2.1993e+00	9.9312e+01	u4(t-5)*u5(t-4)	4.4731e-01	9.9858e+01	u5(t-1)	2.8947e+00	9.9673e+01
	u5(t-5)*u8(t-5)	1.1854e-01	3.2136e-01	u4(t-2)*u5(t-2)	3.4934e-01	8.0844e-02	u1(t-1)*u5(t-1)	-1.9186e-02	1.5936e-01
	u5(t- 1)	8.8321e-01	2.1784e-01	u1(t-1)*u3(t-5)	2.0921e-04	3.7795e-02	u1(t-1)*u10(t-5)	1.9594e-02	1.6294e-01
	u5(t-5)*u5(t-5)	-6.9804e-02	2.3948e-02	u1(t-4)*u2(t-1)	-1.3743e-04	1.0139e-02	u5(t-3)*u5(t-5)	9.8188e-03	1.9145e-03
	u1(t-5)*u5(t-1)	-1.0481e-02	9.7260e-02	u2(t-1)*u3(t-2)	7.8525e-06	8.5499e-03	u3(t-3)*u10(t-3)	-2.7523e-04	7.3569e-04
Σ ERR	5		99.97	8		100.00	7		9.9998e+01
Central African Republic	u2(t-3)*u5(t-5)	5.4971e-05	9.8197e+01	u4(t-3)*u7(t-5)	2.8003e-03	9.9213e+01	u3(t-3)	4.2299e-02	9.9433e+01
	const	2.2646e+01	6.0034e-01	u4(t-2)*u7(t-2)	1.2489e-03	5.1751e-01	u3(t-5)*u10(t-2)	3.5027e-3	4.9540e-01
	u7(t-3)*u7(t-3)	5.9026e-06	7.5433e-01	u6(t-2)*u6(t-5)	2.1545e+00	1.0006e-01	u4(t-5)*u5(t-4)	-1.2155e-01	4.4790e-02
	u2(t-3)*u3(t-4)	-1.6084e-05	2.5292e-01	u4(t-4)*u7(t-3)	2.4325e-03	5.1655e-02	u6(t-1)*u6(t-1)	1.7555e+000	1.4104e-02
	u7(t-1)*u7(t-5)	2.7606e-06	7.7980e-02	u4(t-1)*u7(t-1)	2.4421e-03	5.8276e-02			
Σ ERR	7		99.88	5		99.94	4		99.99

Democratic Republic of Congo	u5(t-5)	4.8274e+00	9.9522e+01	u5(t- 5)	4.4867e+00	9.9970e+01	u10(t-1)	4.9930e+00	9.9974e+01
	u1(t-5)*u3(t-5)	-8.7576e-05	2.4581e-01	u7(t-1)*u9(t-1)	4.7709e-04	1.7973e-02	u8(t-2)*u10(t-2)	1.2688e+00	1.3823e-02
	u2(t-3)	4.8971e-03	9.7493e-02	u3(t-5)*u5(t-5)	-4.5999e-04	5.9739e-03	u5(t-5)*u8(t-4)	1.5660e-01	6.5958e-03
	u2(t-3)*u4(t-4)	-7.1087e-04	7.2746e-02	u4(t-4)*u9(t-5)	1.2136e-02	2.2449e-03			
	u3(t-5)*u4(t-5)	9.1103e-04	1.3922e-02	u2(t-5)*u4(t-3)	-1.8143e-04	7.9870e-04			
Σ ERR	6		99.95	7		100.00	3		100.00
Zambia	u2(t-1)	6.2913e-02	9.8103e+01	u4(t- 1)	-5.1740e+00	9.8870e+01	u7(t-4)*u10(t-3)	4.6972e-03	9.9569e+01
	u2(t-1)*u2(t-1)	-2.0965e-05	4.4873e-01	const	3.6270e+01	1.0843e+00	u2(t-5)*u7(t-3)	4.7500e-05	2.9733e-01
	u1(t-2)*u3(t-1)	-3.1645e-05	7.8362e-01	u1(t- 2)*u1(t- 4)	-2.6255e-04	3.9707e-02	u7(t-2)*u10(t-5)	4.1847e-03	9.0336e-02
	u2(t-1)*u4(t-1)	-6.7343e-03	3.3520e-01	u3(t- 3)*u9(t- 1)	-4.0944e-05	4.1271e-03	u2(t-3)*u6(t-2)	6.2646e-04	2.0721e-02
	u9(t-2)*u9(t-3)	-6.6148e-04	1.6732e-01	u2(t- 3)*u2(t- 4)	-4.7426e-07	1.3551e-03			
Σ ERR	6		99.84	5		100.00	4		99.98
Botswana	u2(t-5)*u5(t-4)	3.4427e-04	9.4384e+01	u5(t- 1)	2.2568e-01	9.9043e+01	u4(t-5)*u10(t-3)	5.4863e-01	9.8557e+01
	u2(t-1)	2.0403e-03	2.9004e+00	u1(t- 1)*u5(t- 1)	-1.3563e-03	9.4740e-01	u4(t-4)*u10(t-3)	-4.9023e-01	7.7043e-01
	u2(t-5)*u4(t-1)	-2.3103e-02	6.3684e-01	u5(t- 1)*u5(t- 5)	-6.7094e-05	4.2085e-03	u1(t-5)	8.7520e-02	3.9991e-01
	const	7.0739e+00	9.6718e-01				u7(t-3)*u7(t-4)	1.5260e-05	1.6031e-01
	u2(t-5)*u4(t-2)	1.4657e-02	3.8544e-01				u9(t-5)* u9(t-5)	-2.7661e-04	4.7933e-02
Σ ERR	7		99.27	3		100.00	7		99.94
South Africa	u7(t-2)*u9(t-2)	3.7608e-03	9.6551e+01	u2(t- 4)*u4(t-3)	2.6705e-03	9.9118e+01	u1(t-5)	2.2798e-01	9.8583e+01
	u2(t-5)*u3(t-1)	1.2042e-05	1.3668e+00	u4(t- 1)*u7(t- 1)	2.2403e-01	3.9667e-01	u8(t-3)*u10(t-3)	2.9471e-01	1.2224e+00
	u2(t-5)*u3(t-5)	-1.1012e-05	8.9313e-01	u4(t- 5)*u5(t- 2)	7.3904e-01	3.3821e-01	u5(t5) *u9(t-5)	-5.9039e-02	9.7144e-02
	u4(t-4)*u9(t-2)	2.5139e-02	4.5757e-01	u2(t- 1)*u4(t- 3)	-6.0247e-03	7.8553e-02	u6(t-1)*u6(t-1)	2.7333e+00	5.3400e-02
				u4(t- 3)*u5(t- 3)	3.6248e-01	4.0454e-02			

ΣERR	4	99.27	7	99.97	4	99.96
-------------	----------	--------------	----------	--------------	----------	--------------

Table S3 Death rate models for the W-E transect, showing up to the 5 most important terms for both the whole period model (left) and the split period model (right). Each model shows the term (left), multiplier (middle) and ERR contribution (right). Note that the Chad models are identical in Tables S2 and S3, but included here for completeness. The Σ ERR row shows the number of terms in the complete model (left) and the total ERR value for the full model (right)

Whole period				Split period					
Country	1960-2014			1960-1989			1990-2014		
Mauritania	u5(t-5)	2.0166e-01	9.9553e+01	u5(t-5)	7.6616e-01	9.9402e+01	u5(t-1)*u5(t-3)	4.5966e-03	9.9949e+01
	u5(t-1)	9.9196e-02	1.8943e-01	u1(t-5)*u5(t-5)	-5.3555e-03	4.3782e-01	u5(t-2)	6.3472e-02	3.6204e-02
	u6(t-3)*u7(t-1)	-3.4846e-02	1.0284e-01	u1(t-5)*u3(t-5)	3.5333e-05	1.4791e-01	u5(t-5)	6.7079e-02	5.4723e-03
	u5(t-5)*u8(t-1)	-3.4322e-02	4.9261e-02	u2(t-2)*u7(t-5)	-4.5519e-04	5.1726e-03	u7(t-3)*u8(t-4)	2.2736e-02	4.4196e-03
	u3(t-4)*u7(t-1)	6.4045e-05	2.9685e-02	u4(t-1)*u5(t-5)	-6.6503e-02	2.8757e-03			
Σ ERR	5		99.92	5		100.00	4		100.00
Mali	u4(t-5)*u7(t-5)	1.5447e-01	9.4668e+01	u8(t-5)	3.4094e+01	9.6886e+01	u10(t-3)	7.4847e+00	9.9739e+01
	u6(t-1)*u9(t-2)	-7.8914e-02	1.8379e+00	u4(t-1)*u7(t-4)	1.0642e-01	2.0274e+00	u4(t-1)*u7(t-5)	2.0120e-01	7.0201e-02
	u7(t-2)*u9(t-5)	5.9449e-03	1.3744e+00	u8(t-5)*u9(t-1)	-4.6794e-01	6.4358e-01	u4(t-4)*u7(t-5)	-2.0761e-01	1.5647e-01
	u6(t-4)*u6(t-4)	6.6693e+00	4.1077e-01	u5(t-1)*u5(t-2)	3.8908e-01	2.7764e-01	u8(t-4)*u10(t-5)	6.3558e-01	2.0589e-02
	u2(t-2)*u9(t-1)	-1.8538e-04	3.8203e-01	u2(t-4)*u4(t-4)	-1.3733e-02	6.5195e-02	u6(t-2)*u8(t-5)	2.3485e-01	4.5730e-03
Σ ERR	8		98.67	8		99.90	5		99.99
Niger	u3(t-5)	1.0888e-01	9.8522e+01	u4(t-2)	2.1229e+01	9.9679e+01	u3(t-5)*u3(t-5)	6.8784e-05	9.7824e+01
	u3(t-5)*u5(t-5)	-3.2317e-03	1.0512e+00	u3(t-5)*u4(t-2)	1.9828e-03	2.8390e-01	u1(t-5)*u1(t-5)	-5.0434e-04	1.7557e+00
	u1(t-1)*u1(t-2)	-4.7125e-04	1.9519e-01	u8(t-1)*u8(t-4)	-1.168e+00	2.3150e-02	u3(t-2)*u3(t-3)	2.2366e-04	2.7193e-01
	u3(t-5)*u3(t-5)	-5.5153e-05	1.2235e-01	u4(t-1)*u4(t-3)	-4.1876e+00	1.0003e-02	u2(t-3)*u10(t-3)	-3.0850e-02	9.0514e-02
							u6(t-3)*u6(t-4)	2.1380e+00	2.3523e-02

Σ ERR	4			99.89			4			100.00			5			99.97		
Chad	u5(t-5)	2.1993e+00	9.9312e+01	u4(t-5)*u5(t-4)	4.4731e-01	9.9858e+01	u5(t-1)	2.8947e+00	9.9673e+01									
	u5(t-5)*u8(t-5)	1.1854e-01	3.2136e-01	u4(t-2)*u5(t-2)	3.4934e-01	8.0844e-02	u1(t-1)*u5(t-1)	-1.9186e-02	1.5936e-01									
	u5(t- 1)	8.8321e-01	2.1784e-01	u1(t-1)*u3(t-5)	2.0921e-04	3.7795e-02	u1(t-1)*u10(t-5)	1.9594e-02	1.6294e-01									
	u5(t-5)*u5(t-5)	-6.9804e-02	2.3948e-02	u1(t-4)*u2(t-1)	-1.3743e-04	1.0139e-02	u5(t-3)*u5(t-5)	9.8188e-03	1.9145e-03									
	u1(t-5)*u5(t-1)	-1.0481e-02	9.7260e-02	u2(t-1)*u3(t-2)	7.8525e-06	8.5499e-03	u3(t-3)*u10(t-3)	-2.7523e-04	7.3569e-04									
Σ ERR	5			99.97			8			100.00			7			100.00		
Sudan	u4(t-1)*u5(t-4)	3.7455e-01	9.7534e+01	u5(t-4)	7.3190e+00	9.9195e+01	u4(t-5)*u5(t-1)	7.6883e-01	9.8567e+01									
	u4(t-5)*u7(t-1)	4.5238e-03	1.6219e+00	u5(t-4)*u8(t-4)	-2.0442e+00	7.3528e-01	u4(t-1)*u5(t-1)	1.1435e+00	1.1248e+00									
	const	1.1772e+01	5.8688e-01	u8(t-4)*u8(t-4)	1.0520e+00	3.8802e-02	u4(t-3)*u5(t-3)	-7.9844e-01	2.3622e-01									
	u1(t-4)*u4(t-1)	-2.5314e-02	2.0318e-01				u7(t-2)	9.8809e-02	3.1528e-02									
	u2(t-5)*u4(t-1)	3.5822e-04	2.9619e-02				u2(t-3)*u8(t-1)	-2.6121e-04	1.3919e-02									
Σ ERR	9			99.98			3			99.97			7			99.97		

Table S4 Life Expectancy models for the N-S transect, showing up to the 5 most important terms for both the whole period model (left) and the split period model (right). Each model shows the term (left), multiplier (middle) and ERR contribution (right). The \sum ERR row shows the number of terms in the complete model (left) and the total ERR value for the full model (right)

Whole period				Split period					
Country	1960-2014			1960-1989			1990-2014		
Libya*	u5(t- 1)	7.5249e+00	9.9457e+01	u5(t- 1)	-1.1622e+00	9.9434e+01			
	u5(t- 5)	2.8726e-01	3.1653e-01	const	6.2513e+01	4.3081e-01			
	u5(t- 1)*u5(t- 1)	-2.0915e-01	8.4889e-02	u1(t-1)*u4(t-5)	9.7933e-02	9.7933e-02	No	Model	
	u4(t- 1)*u4(t- 1)	-5.1641e-01	1.2845e-01	u3(t-5)*u6(t-3)	1.5211e-04	1.5211e-04			
\sum ERR	4		99.99	4		100.00			
Chad	u4(t-1)*u5(t-5)	1.1588e-01	9.7547e+01	u1(t-4)*u4(t-5)	1.5810e-01	9.9840e+01	u4(t-5)	1.9562e+01	9.9655e+01
	const	4.6096e+01	2.2205e+00	u4(t-1)*u8(t-5)	3.2364e-01	7.4572e-02	u4(t-4)*u4(t-5)	-2.2843e+00	3.2843e-01
	u5(t-3)*u5(t-5)	-5.8717e-02	2.0352e-01	u2(t-4)*u2(t-5)	-8.7196e-07	2.7095e-02	u4(t-2)*u9(t-1)	4.1492e-02	8.2365e-03
	u9(t-3)	8.0982e-02	1.9140e-02	const	4.1518e+01	4.1769e-02	u4(t-5)*u10(t-3)	-1.0189e+00	5.5850e-03
	u4(t-3)*u5(t-4)	-9.9401e-02	2.8816e-03	u4(t-5)*u5(t-4)	-5.3587e-01	1.6190e-02	u4(t-3)*u9(t-5)	1.5068e-02	1.1917e-03
\sum ERR	6		99.99	5		100.00	6		100.00
Central African Republic	u5(t-5)	8.8388e-01	9.9329e+01	u5(t-3)*u5(t-5)	6.7399e-02	9.9875e+01	u3(t-1)	3.2672e-02	9.9928e+01
	u3(t-5)*u4(t-5)	2.6241e-02	5.1312e-01	u2(t-1)*u4(t-5)	2.2092e-03	8.6055e-02	u5(t-5)*u7(t-1)	7.4402e-04	3.7667e-02
	u7(t-2)*u9(t-4)	3.5178e-04	5.8196e-02	u1(t-4)*u3(t-5)	4.1761e-04	1.9713e-02	u3(t-2)*u3(t-4)	1.2796e-04	1.7094e-02
	u3(t-3)*u4(t-1)	1.1155e-02	4.5972e-02				u3(t-3)	3.8662e-02	7.4308e-03
	u3(t-5)*u4(t-4)	-1.6779e-02	1.2807e-02				u6(t-2)*u6(t-3)	3.4858e+00	3.6841e-03

Σ ERR									
5				3		99.98		8	
99.96								99.99	
Democratic Republic of Congo	u9(t-1)	5.1360e-01	9.9646e+01	u4(t-5)*u9(t-2)	3.2474e-02	9.9933e+01	u8(t-1)*u8(t-4)	-1.7480e-02	9.9651e+01
	u5(t-5)*u8(t-5)	-3.2902e+00	2.2918e-01	u9(t-1)	2.4492e-01	4.5943e-02	u8(t-4)*u10(t-2)	-1.6750e-01	2.9248e-01
	u2(t-4)*u9(t-5)	8.0873e-05	2.7519e-02	u1(t-5)*u3(t-4)	7.8433e-05	9.2671e-03	const	6.1815e+01	4.1687e-02
	u1(t-5)*u2(t-5)	5.1613e-05	2.1893e-02		6.2764e-02	5.7988e-03	u10(t-1)*u10(t-2)	-4.4763e+00	1.4058e-02
	u6(t-4)*u6(t-5)	-3.2515e+00	1.0030e-02				u8(t-5)*u9(t-2)	9.9737e-03	4.1346e-04
Σ ERR				4		99.99		5	
10								100.00	
Zambia	u4(t-1)	6.1779e+00	9.9125e+01	u4(t-1)	1.0318e+01	9.9984e+01	u3(t-3)*u10(t-5)	4.1044e-03	9.9912e+01
	u3(t-1)*u9(t-3)	3.4637e-04	8.1128e-01	u2(t-3)*u7(t-2)	3.8746e-06	1.2768e-02	u9(t-5)*u10(t-5)	1.2173e-02	6.3679e-02
	u7(t-5)	3.1691e-02	2.5027e-02	u4(t-5)	3.6772e+00	1.3435e-03	u5(t-3)*u5(t-3)	-4.0990e-02	9.8770e-03
	u4(t-4)	3.3044e+00	1.0055e-02	u3(t-3)*u7(t-4)	6.8657e-06	1.8076e-03			
	u2(t-5)*u8(t-5)	-2.1667e-03	7.1083e-03	u3(t-4)*u7(t-1)	5.0788e-06	4.1457e-04			
Σ ERR				5		100.00		3	
6								99.99	
Botswana	u9(t-1)	5.4473e-01	9.8374e+01	u1(t-1)	1.5441e-01	9.9466e+01	u3(t-3)*u5(t-3)	1.4659e-04	9.9622e+01
	u4(t-1)	2.1432e+01	1.2099e+00	const	5.6050e+01	3.5191e-01	u3(t-2)*u5(t-2)	1.1115e-04	1.2881e-01
	u4(t-2)*u9(t-1)	-1.6429e-01	1.7969e-01	u5(t-1)	-1.3465e-01	1.7964e-01	u9(t-2)*u9(t-3)	-2.8397e-03	8.1336e-02
	u5(t-4)*u5(t-5)	-1.0814e-03	1.3746e-01	u4(t-1)*u4(t-5)	2.4202e-01	2.1682e-03	u9(t-2)*u10(t-2)	-7.0998e-03	7.9115e-02
	u2(t-1)*u2(t-5)	-1.1499e-05	2.8801e-02				u3(t-5)*u5(t-2)	1.2277e-04	5.8261e-02
Σ ERR				4		100.00		8	
7								99.97	
South Africa	u3(t- 5)	1.3770e-02	9.9361e+01	u3(t-1)*u4(t-3)	-7.0222e-06	9.9764e+01	u5(t-5)	2.4561e+01	9.9545e+01
	u3(t- 1)*u3(t- 5)	-1.8612e-06	4.4368e-01	const	4.0731e+01	1.6457e-01	u3(t-4)*u8(t-3)	9.8477e-03	2.7970e-01
	u4(t- 5)*u6(t- 1)	-1.4382e+00	6.3292e-02	u9(t-1)*u9(t-3)	1.6966e-03	6.8803e-02	u1(t-5)*u8(t-3)	-6.3619e-01	1.5928e-01

	u3(t- 2)	4.7451e-03	2.9605e-02	u3(t-3)*u9(t-2)	1.6339e-05	1.4907e-03	u8(t-3)*u9(t-5)	1.2609e-01	7.6652e-03
	u8(t- 4)* u9(t- 5)	1.6482e-01	3.8640e-02	u4(t-3)*u9(t-4)	2.4342e-02	5.5039e-04	u6(t-2)*u8(t-1)	-1.5520e+00	3.8763e-03
ΣERR	4		99.94	5		100.00	7		100.00

Table S5 Life Expectancy models for the W-E transect, showing up to the 5 most important terms for both the whole period model (left) and the split period model (right). Each model shows the term (left), multiplier (middle) and ERR contribution (right). Note that the Chad models are identical in Tables S4 and S5, but included here for completeness. The Σ ERR row shows the number of terms in the complete model (left) and the total ERR value for the full model (right)

Whole period				Split period					
Country	1960-2014			1960-1989			1990-2014		
Mauritania	u4(t-5)	7.2039e+00	9.9228e+01	u4(t-5)	3.3989e+01	9.9554e+01	u3(t-2)*u4(t-1)	-1.8054e-03	9.9882e+01
	u4(t-5)*u5(t-5)	-2.8952e-01	5.9900e-01	u4(t-3)*u4(t-3)	-5.6884e+00	4.3597e-01	const	6.1942e+01	9.5452e-02
	Const	5.1985e+01	1.1492e-01	u1(t-3)*u9(t-2)	5.3920e-03	3.5767e-03	u1(t-1)*u3(t-2)	4.6016e-05	2.2070e-02
	u1(t-5)*u5(t-5)	8.6644e-03	4.9279e-02	u5(t-3)*u9(t-2)	-7.7813e-03	3.6062e-03	u1(t-2)*u3(t-4)	2.2543e-05	3.6960e-04
	u1(t-5)*u1(t-5)	-1.1951e-03	5.5459e-03	u5(t-1)*u5(t-3)	1.9969e-03	2.2567e-03	u5(t-1)*u5(t-4)	-2.0211e-03	9.3860e-05
Σ ERR	7		100.00	6		100.00	5		100.00
Mali	u3(t-4)	6.2350e-02	9.9640e+01	u3(t-5)	2.4187e-02	9.9688e+01	u4(t-2)	1.1963e+01	9.9922e+01
	u4(t-5)*u6(t-2)	-5.6590e-01	1.2225e-01	u4(t-4)	1.0876e+01	2.0428e-01	u5(t-3)*u10(t-4)	2.6010e-01	6.3584e-02
	u3(t-1)	6.5291e-02	6.3027e-02	u5(t-4)	1.3277e+00	8.2937e-02	u5(t-4)	1.1142e+00	9.5453e-03
	u1(t-1)*u2(t-1)	-1.9381e-04	6.4712e-02	u5(t-1)	9.0166e-01	1.7557e-02		6.8602e-03	1.2466e-03
	u5(t-5)*u5(t-5)	1.4819e-01	3.4025e-02					3.6377e-03	2.2068e-03
Σ ERR	5		99.92	4		99.99	5		100.00
Niger	u4(t-1)	3.8922e+00	9.9704e+01	u4(t-5)	1.2934e+01	9.9667e+01	u4(t-1)*u4(t-1)	1.8784e+00	9.9947e+01
	u9(t-5)	7.7765e-01	1.7604e-01	u4(t-1)*u8(t-4)	7.5364e+00	3.0054e-01	u3(t-5)*u9(t-1)	6.2190e-04	3.8956e-02
	u4(t-4)*u9(t-5)	-1.8599e-01	6.1719e-02	u3(t-2)*u4(t-5)	-3.2727e-03	2.4061e-02	u3(t-2)*u3(t-4)	1.3676e-04	9.4628e-03
	u3(t-1)*u8(t-1)	8.8582e-03	3.5449e-02	u4(t-2)*u8(t-4)	-6.4527e+00	2.2075e-03	u3(t-3)*u8(t-5)	7.5235e-03	1.4645e-03
	u4(t-1)*u4(t-5)	1.6809e+00	6.6172e-03	u8(t-3)*u8(t-5)	6.9328e-01	2.4051e-03	u5(t-1)*u5(t-4)	-5.8268e-02	1.7158e-03

Σ ERR	5			99.98	5			100.00	5			100.00
Chad	u4(t-1)*u5(t-5)	1.1588e-01	9.7547e+01		u1(t-4)*u4(t-5)	1.5810e-01	9.9840e+01		u4(t-5)	1.9562e+01	9.9655e+01	
	const	4.6096e+01	2.2205e+00		u4(t-1)*u8(t-5)	3.2364e-01	7.4572e-02		u4(t-4)*u4(t-5)	-2.2843e+00	3.2843e-01	
	u5(t-3)*u5(t-5)	-5.8717e-02	2.0352e-01		u2(t-4)*u2(t-5)	-8.7196e-07	2.7095e-02		u4(t-2)*u9(t-1)	4.1492e-02	8.2365e-03	
	u9(t-3)	8.0982e-02	1.9140e-02		const	4.1518e+01	4.1769e-02		u4(t-5)*u10(t-3)	-1.0189e+00	5.5850e-03	
	u4(t-3)*u5(t-4)	-9.9401e-02	2.8816e-03		u4(t-5)*u5(t-4)	-5.3587e-01	1.6190e-02		u4(t-3)*u9(t-5)	1.5068e-02	1.1917e-03	
Σ ERR	6			99.99	5			100.00	6			100.00
Sudan	u5(t-1)	-1.4772e+00	9.9169e+01		u4(t-1)	2.6003e+01	9.9876e+01		u5(t-1)	1.5994e+01	9.9639e+01	
	const	5.4603e+01	5.9113e-01		u4(t-1)*u4(t-1)	-3.1562e+00	1.0561e-01		u2(t-2)*u2(t-4)	4.7599e-05	3.1457e-01	
	u1(t-1)	9.4276e-02	2.3041e-01		u9(t-5)	1.4875e-01	1.4726e-02		u3(t-2)*u4(t-3)	4.4217e-03	3.1216e-02	
	u7(t-5)*u9(t-1)	-7.3288e-04	6.3095e-03		u3(t-2)*u9(t-2)	-1.2706e-04	2.5821e-03		u8(t-4)	4.6230e-01	5.8460e-03	
	u3(t-1)*u3(t-2)	3.7852e-06	1.5172e-03		u7(t-5)*u9(t-1)	-2.3132e-04	6.2901e-04		u5(t-1)*u8(t-1)	-1.3608e-01	2.8539e-03	
Σ ERR	6			100.00	5			100.00	7			99.99