

Historic Modelling

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July 17, 2019

Table # 5a				
CLaM Regression Historical Fit - Coefficients				
	Slope: (x^*)		Intercept (L)	
Year	MALE	FEMALE	MALE	FEMALE
1960	68.865 \pm 2.965	64.093 \pm 2.481	-3.164 \pm 0.279	-4.118 \pm 0.263
1963	70.120 \pm 2.943	63.795 \pm 2.788	-3.025 \pm 0.278	-4.163 \pm 0.298
1966	70.788 \pm 3.100	64.873 \pm 3.305	-2.979 \pm 0.290	-4.082 \pm 0.352
1969	72.564 \pm 3.715	65.301 \pm 3.516	-2.788 \pm 0.347	-4.023 \pm 0.372
1972	74.134 \pm 3.284	71.763 \pm 3.736	-2.681 \pm 0.305	-3.397 \pm 0.396
1975	76.603 \pm 3.352	70.694 \pm 3.766	-2.449 \pm 0.310	-3.536 \pm 0.399
1978	79.713 \pm 3.334	76.543 \pm 4.002	-2.183 \pm 0.307	-2.962 \pm 0.424
1981	84.348 \pm 3.083	80.103 \pm 4.193	-1.772 \pm 0.285	-2.623 \pm 0.444
1984	89.476 \pm 2.848	85.409 \pm 5.318	-1.325 \pm 0.262	-2.088 \pm 0.564
1987	91.508 \pm 2.968	89.920 \pm 5.952	-1.160 \pm 0.277	-1.639 \pm 0.635
1990	92.801 \pm 2.317	93.517 \pm 5.105	-1.046 \pm 0.218	-1.271 \pm 0.548
1993	94.911 \pm 1.909	100.236 \pm 5.256	-0.831 \pm 0.182	-0.551 \pm 0.566
1996	94.362 \pm 1.598	101.383 \pm 5.239	-0.937 \pm 0.153	-0.484 \pm 0.564
1999	94.739 \pm 1.638	108.254 \pm 6.350	-0.916 \pm 0.159	0.240 \pm 0.687
2002	95.678 \pm 1.587	107.739 \pm 6.323	-0.887 \pm 0.154	0.124 \pm 0.683
2005	96.976 \pm 1.600	110.100 \pm 6.964	-0.818 \pm 0.156	0.303 \pm 0.749
2008	98.385 \pm 1.681	107.014 \pm 7.560	-0.735 \pm 0.164	-0.079 \pm 0.815
2011	98.756 \pm 1.803	99.910 \pm 8.997	-0.770 \pm 0.177	-0.916 \pm 0.970
<i>Source: Human Mortality Database, Period 1960-2011</i>				

Table # 5b				
CLaM Regression Historical Fit - Parameters				
	Plateau: λ^*		Average: $g[i]$	
Year	MALE	FEMALE	MALE	FEMALE
1960	(0.02, 0.07)	(0.01, 0.03)	0.094	0.106
1963	(0.03, 0.08)	(0.01, 0.03)	0.094	0.107
1966	(0.03, 0.09)	(0.01, 0.03)	0.093	0.106
1969	(0.03, 0.12)	(0.01, 0.04)	0.093	0.106
1972	(0.04, 0.13)	(0.01, 0.07)	0.093	0.106
1975	(0.05, 0.16)	(0.01, 0.06)	0.092	0.106
1978	(0.06, 0.21)	(0.02, 0.12)	0.092	0.106
1981	(0.10, 0.30)	(0.03, 0.18)	0.092	0.106
1984	(0.16, 0.45)	(0.04, 0.38)	0.092	0.106
1987	(0.18, 0.55)	(0.05, 0.69)	0.093	0.107
1990	(0.23, 0.54)	(0.09, 0.84)	0.094	0.107
1993	(0.30, 0.63)	(0.19, 1.79)	0.095	0.107
1996	(0.29, 0.53)	(0.20, 1.90)	0.095	0.107
1999	(0.29, 0.55)	(0.32, 5.02)	0.096	0.108
2002	(0.30, 0.56)	(0.29, 4.43)	0.096	0.108
2005	(0.32, 0.60)	(0.30, 6.06)	0.096	0.107
2008	(0.34, 0.67)	(0.18, 4.72)	0.097	0.108
2011	(0.32, 0.66)	(0.06, 2.79)	0.097	0.108
<i>Source: Human Mortality Database, Period 1960-2011</i>				