

Appendix 2-6

Comparison of degree of fit of different interpolations

	Males (Coal & Demeney level 25 female)					Females (Coale & Guo level 26 females)			
	Original	Piece wise exponential	Six point Lagrangian	Mortpak	Murray	Original	Piece wise exponential	Six point Lagrangian	Mortpak
0	80	80	77.81	80.76	80	82.5	82.5	79.12	84.21
1	79.48	79.48	77.28	80.24	79.36	81.84	81.83	78.44	83.55
5	75.62	75.62	73.42	76.38	75.38	77.95	77.95	74.55	79.67
10	70.69	70.68	68.48	71.45	70.4	72.99	72.98	69.58	74.7
15	65.74	65.74	63.53	66.5	65.41	68.02	68.01	64.61	69.73
20	60.83	60.83	58.62	61.59	60.44	63.08	63.08	59.67	64.79
25	55.94	55.94	53.72	56.69	55.47	58.17	58.17	54.76	59.88
30	51.06	51.05	48.84	51.82	50.51	53.27	53.27	49.85	54.99
35	46.19	46.19	43.96	46.97	45.56	48.38	48.38	44.96	50.11
40	41.37	41.36	39.13	42.14	40.64	43.53	43.52	40.09	45.25
45	36.61	36.61	34.36	37.37	35.77	38.72	38.72	35.27	40.44
50	31.95	31.94	29.67	32.68	30.99	33.99	33.99	30.51	35.69
55	27.4	27.4	25.09	28.12	26.32	29.37	29.36	25.84	31.04
60	22.98	22.97	20.61	23.74	21.81	24.83	24.83	21.24	26.55
65	18.73	18.73	16.28	19.61	17.5	20.44	20.43	16.75	22.27
70	14.72	14.72	12.11	15.79	13.58	16.2	16.2	12.35	18.26
75	11.1	11.1	8.46	12.37	10.17	12.28	12.28	8.46	14.6
80	8.04	8.03	6.29	9.41	7.45	8.9	8.89	6.3	11.35
85	5.67	5.64	4.54	6.94	5.24	6.22	6.2	4.55	8.57
90	3.93	3.88	3.18	4.99	3.54	4.25	4.21	3.19	6.29
95	2.73	2.68	2.21	0	2.31	2.89	2.85	2.22	0
100	1.93	2.04	1.93	0	1.46	2	2.1	2	0
Sum of squared deviations:		0.02	95.09	27.34	10.8	0.01	219.85	82.02	