**Supplementary Table**

Table 1 Life table of the Late Classic period calculated for growth rate r=0 (from Cucina et al. 2016).

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| AGE | d"(x) | l(x) | q(x) | L(x) | e(x) | C(x) | FB(x) |
| 0 | 37 | 100.00 | 0.107 | 0.947 | 25.85 | 0.037 | 0.000 |
| 1 | 30 | 89.34 | 0.098 | 0.850 | 27.87 | 0.033 | 0.000 |
| 2 | 13 | 80.58 | 0.046 | 0.787 | 29.85 | 0.030 | 0.000 |
| 3 | 13 | 76.84 | 0.048 | 0.750 | 30.28 | 0.029 | 0.000 |
| 4 | 11 | 73.12 | 0.044 | 0.715 | 30.79 | 0.028 | 0.000 |
| 5 | 18 | 69.90 | 0.074 | 3.367 | 31.19 | 0.130 | 0.000 |
| 10 | 17 | 64.76 | 0.077 | 3.114 | 28.46 | 0.120 | 0.000 |
| 15 | 20 | 59.79 | 0.097 | 2.844 | 25.62 | 0.110 | 0.041 |
| 20 | 15 | 53.96 | 0.082 | 2.588 | 23.12 | 0.100 | 0.112 |
| 25 | 18 | 49.56 | 0.108 | 2.344 | 19.95 | 0.091 | 0.112 |
| 30 | 24 | 44.20 | 0.158 | 2.035 | 17.07 | 0.079 | 0.091 |
| 35 | 25 | 37.19 | 0.194 | 1.679 | 14.81 | 0.065 | 0.063 |
| 40 | 21 | 29.96 | 0.203 | 1.346 | 12.79 | 0.052 | 0.026 |
| 45 | 22 | 23.87 | 0.271 | 1.032 | 10.41 | 0.040 | 0.005 |
| 50 | 22 | 17.41 | 0.365 | 0.712 | 8.35 | 0.028 | 0.000 |
| 55 | 17 | 11.06 | 0.439 | 0.432 | 6.70 | 0.017 | 0.000 |
| 60 | 10 | 6.20 | 0.500 | 0.233 | 5.00 | 0.009 | 0.000 |
| 65 | 10 | 3.10 | 1.000 | 0.078 | 2.50 | 0.003 | 0.000 |
| TOTAL 351 |