|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | | **Parameters** | | | **Properties** | | **Goodness-of-fit** | |
| **Sex** | **Ruling Period** | µ | σ | τ | *E*(X) | *s*(X) |  | p-value |
| Men | 1999-2003 | 132.80 | 14.66 | 21.97 | 154.77 | 26.41 | 16.03 | 0.0136 |
|  | 2004-2009 | 134.76 | 11.57 | 27.76 | 162.52 | 30.07 | 42.87 | <0.0001 |
|  | 2010-2014 | 139.95 | 10.92 | 32.33 | 172.28 | 34.12 | 60.25 | <0.0001 |
|  | First Rounds | 134.96 | 12.61 | 33.60 | 168.56 | 35.89 | 68.53 | <0.0001 |
|  | Final Rounds | 137.30 | 12.53 | 15.21 | 152.51 | 19.71 | 11.57 | 0.0723 |
| Women | 1999-2003 | 131.32 | 12.14 | 27.62 | 158.94 | 30.17 | 8.95 | 0.1765 |
|  | 2004-2009 | 138.32 | 11.91 | 31.24 | 169.56 | 33.43 | 3.80 | 0.7039 |
|  | 2010-2014 | 141.82 | 11.81 | 36.51 | 178.33 | 38.37 | 13.73 | 0.0328 |
|  | First Rounds | 137.89 | 12.11 | 38.24 | 176.13 | 40.11 | 7.60 | 0.2688 |
|  | Final Rounds | 136.90 | 14.04 | 24.15 | 161.05 | 27.93 | 7.97 | 0.2403 |

Table 2:Estimated parameters, distributional properties and goodness-of-fit statistics of the EMGD.