**Parameters and results of the detection functions.**

Codes: Trunc. dist. = truncation distance; key functions: hn = half-normal, hr =hazard-rate; CvM p = p-value of the Cramer von Mises goodness of fit; delta AIC is the difference between the lowest AIC values among the models for each group in each sector and the other models tested.

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Sector** | **Group** | **Model name** | **Trunc. dist.** | **Key** **function** | **C-vM** **p-value** | **Delta** **AIC** |
| IAS | LD | detfcLD.hr.cos | 800 | hr | 0,3656 | 0 |
| detfcLD.hn.cos | hn | 0,5500 | 1,71 |
| LF | detfcLF.hr.cos | 540 | hr | 0,8832 | 0 |
| detfcLF.hn.cos | hn | 0,1995 | 0,77 |
| SF | detfcSF.hr.cos | 510 | hr | 0,9599 | 0 |
| detfcSF.hn.cos | hn | 0,0932 | 4,89 |
| PL | detfcPL.hr.cos |  | hr | 0,1928 | 0 |
| detfcPL.hn.cos | hn | 0,0201 | 3,65 |
| NWM | LD | detfcLD.hr.cos | 800 | hr | 0,8394 | 1,26 |
| detfcLD.hn.cos | hn | 0,9210 | 0 |
| LF | detfcLF.hr.cos | 540 | hr | 0,2351 | 6,40 |
| detfcLF.hn.cos | hn | 0,4825 | 0 |
| SF | detfcSF.hr.cos | 510 | hr | 0,9974 | 0 |
| detfcSF.hn.cos | hn | 0,2501 | 1,57 |
| W | detfcW.hr.cos | 1303 | hr | 0,9268 | 0 |
| detfcW.hn.cos | hn | 0,0275 | 12,09 |
| PL | detfcPL.hr.cos |  | hr | 0,0002 | 62,12 |
| detfcPL.hn.cos | hn | 0,0086 | 0 |
| detfcPL.hn.poly | hn | 0,0473 | 527,91 |
| SOS | LD | detfcLD.hr.cos | 800 | hr | 0,9030 | 0 |
| detfcLD.hn.cos | hn | 0,8261 | 0,39 |
| LF | detfcLF.hr.cos | 540 | hr | 0,9974 | 0,28 |
| detfcLF.hn.cos | hn | 0,9977 | 0 |
| SF | detfcSF.hr.cos | 510 | hr | 0,9124 | 1,37 |
| detfcSF.hn.cos | hn | 0,8545 | 0 |
| PL | detfcPL.hr.cos |  | hr | 0,0794 | 15,09 |
| detfcPL.hn.cos | hn | 0,4315 | 0,00 |