Rotation file input columns:

Moving Plate ID, age, longitude, latitude, angle, fixed Plate ID ! remarks

*Table 1a. Total reconstruction poles of Iberia versus Eurasia after anomaly M0 according to Vissers and Meijer (2012a)*

|  |  |  |  |
| --- | --- | --- | --- |
| Age | Latitude pole | Longitude pole | Angle |
| 0 | 0 | 0 | 0 |
| 19.6 | 0 | 0 | 0 |
| 33.3 | -31.77 | 161.02 | 1.3 |
| 39.3 | -14.1 | 140.1 | 1.16 |
| 47.1 | -30.59 | 158.88 | 2.81 |
| 53.13 | -29.15 | 160.91 | 3.59 |
| 56.14 | -28.68 | 159.71 | 3.94 |
| 67.16 | -35.27 | 165.43 | 6.06 |
| 79.08 | -37.67 | 166.88 | 7.6 |
| 83 | -39.36 | 170.34 | 9.8 |
| 112 | -40.53 | 170.81 | 12.28 |
| 117.7 | -43.22 | 172.81 | 32.55 |
| 121.2 | -43.79 | 173.32 | 45.24 |

*Table 1b. Total reconstruction poles of Iberia versus North America before anomaly M0 according to Vissers and Meijer (2012b) and Vissers et al (EPSL, 2013)*

|  |  |  |  |
| --- | --- | --- | --- |
| Age | Latitude pole | Longitude pole | Angle |
| 126.91 | 64.72 | -18.01 | -60.97 |
| 133.15 | 64.9 | -17.49 | -62.35 |
| 141.91 | 65.29 | -17.49 | -62.35 |
| 146.85 | 64.96 | -17.49 | -65.9 |
| 170 | -69.14 | 166.49 | 58.94 |
| 190 | -65.81 | 166.64 | 65.36 |
| 203 | 65.72 | -12.82 | -66.32 |

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