**Resarch Data Table 1**. — Occurrence records. Latitude and longitude of the occurrence record used in this study (and its respective references).

|  |  |  |
| --- | --- | --- |
| Latitude | Longitude | References |
| -53.32500 | -68.37500 | Lizarralde et al.. 2001 |
| -53.33900 | -68.34000 | Lizarralde et al. 2001 |
| -53.36000 | -68.32800 | Lizarralde et al.. 2001 |
| -53.37200 | -68.30700 | Lizarralde et al.. 2001 |
| -53.83700 | -67.74300 | Lizarralde et al.. 2001 |
| -53.87200 | -67.68400 | Lizarralde et al.. 2001 |
| -53.88400 | -67.65500 | Lizarralde et al.. 2001 |
| -54.02800 | -68.54700 | Lizarralde et al.. 2001 |
| -54.05100 | -67.94300 | Lizarralde et al.. 2001 |
| -54.14800 | -68.02100 | Lizarralde et al.. 2001 |
| -54.29200 | -67.31500 | Lizarralde et al.. 2001 |
| -53.28400 | -68.50900 | Fasanella et al.. 2013 |
| -53.29700 | -68.48200 | Fasanella et al.. 2013 |
| -53.30500 | -68.47000 | Fasanella et al.. 2013 |
| -53.31700 | -68.43800 | Fasanella et al.. 2013 |
| -53.31300 | -68.42000 | Fasanella et al.. 2013 |
| -53.33300 | -68.39800 | Fasanella et al.. 2013 |
| -53.33100 | -68.36800 | Fasanella et al.. 2013 |
| -53.33200 | -68.35000 | Fasanella et al.. 2013 |
| -53.52100 | -68.05100 | Fasanella et al.. 2013 |
| -53.53800 | -68.03900 | Fasanella et al.. 2013 |
| -53.55100 | -68.03000 | Fasanella et al.. 2013 |
| -53.86030 | -67.73840 | Fasanella et al.. 2013 |
| -53.87150 | -67.71420 | Fasanella et al.. 2013 |
| -53.86270 | -67.69770 | Fasanella et al.. 2013 |
| -53.87270 | -67.67650 | Fasanella et al.. 2013 |
| -53.89630 | -67.68120 | Fasanella et al.. 2013 |
| -53.89570 | -67.64640 | Fasanella et al.. 2013 |
| -53.88980 | -67.62340 | Fasanella et al.. 2013 |
| -53.91630 | -67.98320 | Fasanella et al.. 2013 |
| -53.91400 | -67.93490 | Fasanella et al.. 2013 |
| -53.90220 | -67.90600 | Fasanella et al.. 2013 |
| -53.87680 | -67.83930 | Fasanella et al.. 2013 |
| -53.95650 | -67.93310 | Fasanella et al.. 2013 |
| -53.94110 | -68.31660 | Fasanella et al.. 2013 |
| -53.96000 | -68.21690 | Fasanella et al.. 2013 |
| -54.05850 | -68.00210 | Fasanella et al.. 2013 |
| -54.03910 | -67.97560 | Fasanella et al.. 2013 |
| -54.08270 | -67.97910 | Fasanella et al.. 2013 |
| -54.06030 | -67.95550 | Fasanella et al.. 2013 |
| -54.19344 | -68.74388 | CONAF personal communication |
| -54.21006 | -68.73037 | CONAF personal communication |
| -54.21753 | -68.72303 | CONAF personal communication |
| -54.33929 | -68.81871 | CONAF personal communication |
| -54.33973 | -68.81926 | CONAF personal communication |
| -54.34045 | -68.82066 | CONAF personal communication |
| -54.34028 | -68.82251 | CONAF personal communication |
| -54.33061 | -68.82510 | CONAF personal communication |
| -54.33000 | -68.82374 | CONAF personal communication |
| -54.32992 | -68.82400 | CONAF personal communication |
| -54.33055 | -68.82249 | CONAF personal communication |
| -54.33055 | -68.82224 | CONAF personal communication |
| -54.18873 | -68.73789 | CONAF personal communication |
| -54.17660 | -68.73287 | CONAF personal communication |
| -54.18901 | -68.74966 | CONAF personal communication |
| -54.18941 | -68.75123 | CONAF personal communication |
| -54.17776 | -68.73258 | CONAF personal communication |
| -54.18794 | -68.73520 | CONAF personal communication |
| -54.18875 | -68.73837 | CONAF personal communication |
| -54.18873 | -68.73880 | CONAF personal communication |
| -54.18996 | -68.74121 | CONAF personal communication |
| -54.19283 | -68.74245 | CONAF personal communication |
| -54.19330 | -68.74321 | CONAF personal communication |
| -54.19332 | -68.74354 | CONAF personal communication |
| -54.19420 | -68.74609 | CONAF personal communication |
| -54.17163 | -68.74316 | CONAF personal communication |
| -54.17398 | -68.74311 | CONAF personal communication |
| -54.18658 | -68.74969 | CONAF personal communication |
| -54.18829 | -68.74923 | CONAF personal communication |
| -54.19631 | -68.74361 | CONAF personal communication |
| -54.20113 | -68.73669 | CONAF personal communication |
| -54.19935 | -68.74404 | CONAF personal communication |
| -54.19434 | -68.74632 | CONAF personal communication |
| -54.14308 | -68.75640 | CONAF personal communication |
| -54.14539 | -68.75488 | CONAF personal communication |
| -50.83487 | -72.77061 | This study |
| 50.83409 | -72.78665 | This study |
| -50.83430 | -72.80390 | This study |
| -50.82707 | -72.81286 | This study |
| -50.82936 | -72.81684 | This study |
| -50.83101 | -72.82669 | This study |
| -50.82757 | -72.82098 | This study |
| -50.82757 | -72.82098 | This study |
| -50.82757 | -72.82063 | This study |
| -50.82720 | -72.81978 | This study |
| -50.82660 | -72.81840 | This study |
| -50.82627 | -72.81670 | This study |
| -50.82583 | -72.81548 | This study |
| -50.82568 | -72.81456 | This study |
| -50.82609 | -72.81070 | This study |
| -50.87858 | -72.78853 | This study |
| -50.88016 | -72.79277 | This study |
| -50.88094 | -72.80141 | This study |
| -50.88094 | -72.80174 | This study |
| -50.87868 | -72.78880 | This study |
| -50.88031 | -72.80363 | This study |
| -50.87108 | -72.83992 | This study |
| -50.86826 | -72.84723 | This study |
| -50.85926 | -72.85530 | This study |
| -50.90140 | -72.81390 | This study |
| -53.88333 | -68.86667 | Texera, 1975 |
| -52.07778 | -69.57917 | Pardiñas et al., 2009 |
| -50.69353 | -72.41566 | <http://especies.mma.gob.cl> |
| -50.74955 | -72.39546 | <http://especies.mma.gob.cl> |
| -52.30727 | -68.80303 | <http://especies.mma.gob.cl> |
| -52.68291 | -70.45968 | <http://especies.mma.gob.cl> |
| -52.72911 | -69.00923 | <http://especies.mma.gob.cl> |
| -52.73334 | -69.20663 | <http://especies.mma.gob.cl> |
| -52.76742 | -69.71784 | <http://especies.mma.gob.cl> |
| -53.04664 | -68.99316 | <http://especies.mma.gob.cl> |
| -53.10320 | -72.65002 | <http://especies.mma.gob.cl> |
| -53.19039 | -70.93492 | <http://especies.mma.gob.cl> |
| -53.30794 | -70.35841 | <http://especies.mma.gob.cl> |
| -53.33971 | -69.93334 | <http://especies.mma.gob.cl> |
| -54.03192 | -68.92234 | <http://especies.mma.gob.cl> |
| -54.53065 | -68.78584 | <http://especies.mma.gob.cl> |

Fasanella, M., Bruno, C., Cardoso, Y., Lizarralde, M. 2013. Historical demography and spatial genetic structure of the subterranean rodent Ctenomys magellanicus in Tierra del Fuego (Argentina). Zool. J. Linn. Soc., 169, 697–710. https://doi.org/10.1111/zoj.12067

Lizarralde, M., Deferrari, G., Álvarez, S., Escobar, J. 2001. Diferenciación evolutiva en Ctenomys magellanicus: variación morfológica, alozímica y consideraciones biogeograficas de 2 formas cromosómicas. Interciencia, 26(1).

Pardiñas, U. F., Udrizar Sauthier, D. E., Teta, P. 2009. Roedores del extremo sudoriental continental de Argentina. Mastozool. Neotrop. 16(2), 471-473. http://www.scielo.org.ar/scielo.php?script=sci\_arttext&pid=S0327-93832009000200021&lng=es&tlng=es

Texera, W. A. 1975. Descripción de una nueva subespecie de *Ctenomys magellanicus* (Mamalia; Rodentia; Ctenomydae) de Tierra del Fuego, Magallanes, Chile. Anales del Instituto de la Patagonia.

**Research Data Table 2**. — 120 tested models and its features. In bold the selected best fitted model used in this study. Features abbreviations follow Phillips et al. (2006): L=linear, Q=quadratic, P=product, T=threshold, and H=hinge.

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **N° model** | **settings** | **features** | **rm** | **train.AUC** | **avg.test.AUC** | **var.test.AUC** | **avg.diff.AUC** | **var.diff.AUC** |
| 1 | L\_0.5 | L | 0.5 | 0.774 | 0.771 | 7.728 | 0.105 | 4.176 |
| 2 | LQ\_0.5 | LQ | 0.5 | 0.861 | 0.843 | 2.902 | 0.064 | 1.835 |
| 3 | H\_0.5 | H | 0.5 | 0.956 | 0.942 | 1.797 | 0.043 | 1.463 |
| 4 | LQH\_0.5 | LQH | 0.5 | 0.957 | 0.942 | 1.793 | 0.042 | 1.467 |
| 5 | LQHP\_0.5 | LQHP | 0.5 | 0.956 | 0.942 | 1.794 | 0.042 | 1.471 |
| 6 | LQHPT\_0.5 | LQHPT | 0.5 | 0.956 | 0.942 | 1.794 | 0.042 | 1.471 |
| 7 | L\_1 | L | 1 | 0.774 | 0.771 | 7.699 | 0.105 | 4.155 |
| 8 | LQ\_1 | LQ | 1 | 0.838 | 0.827 | 3.510 | 0.074 | 1.918 |
| **9** | **H\_1** | **H** | **1** | **0.949** | **0.937** | **1.919** | **0.044** | **1.532** |
| 10 | LQH\_1 | LQH | 1 | 0.949 | 0.936 | 1.903 | 0.044 | 1.516 |
| 11 | LQHP\_1 | LQHP | 1 | 0.951 | 0.940 | 1.665 | 0.041 | 1.326 |
| 12 | LQHPT\_1 | LQHPT | 1 | 0.951 | 0.940 | 1.665 | 0.041 | 1.326 |
| 13 | L\_1.5 | L | 1.5 | 0.774 | 0.771 | 7.666 | 0.105 | 4.131 |
| 14 | LQ\_1.5 | LQ | 1.5 | 0.826 | 0.819 | 4.014 | 0.079 | 2.089 |
| 15 | H\_1.5 | H | 1.5 | 0.944 | 0.931 | 2.084 | 0.046 | 1.649 |
| 16 | LQH\_1.5 | LQH | 1.5 | 0.942 | 0.930 | 2.055 | 0.046 | 1.610 |
| 17 | LQHP\_1.5 | LQHP | 1.5 | 0.947 | 0.935 | 1.771 | 0.043 | 1.390 |
| 18 | LQHPT\_1.5 | LQHPT | 1.5 | 0.947 | 0.935 | 1.771 | 0.043 | 1.390 |
| 19 | L\_2 | L | 2 | 0.774 | 0.770 | 7.633 | 0.104 | 4.106 |
| 20 | LQ\_2 | LQ | 2 | 0.822 | 0.815 | 4.247 | 0.082 | 2.208 |
| 21 | H\_2 | H | 2 | 0.938 | 0.929 | 2.085 | 0.044 | 1.648 |
| 22 | LQH\_2 | LQH | 2 | 0.934 | 0.922 | 2.250 | 0.049 | 1.728 |
| 23 | LQHP\_2 | LQHP | 2 | 0.940 | 0.924 | 2.120 | 0.048 | 1.648 |
| 24 | LQHPT\_2 | LQHPT | 2 | 0.940 | 0.924 | 2.120 | 0.048 | 1.648 |
| 25 | L\_2.5 | L | 2.5 | 0.773 | 0.770 | 7.594 | 0.104 | 4.072 |
| 26 | LQ\_2.5 | LQ | 2.5 | 0.820 | 0.814 | 4.363 | 0.082 | 2.272 |
| 27 | H\_2.5 | H | 2.5 | 0.935 | 0.925 | 2.029 | 0.045 | 1.582 |
| 28 | LQH\_2.5 | LQH | 2.5 | 0.931 | 0.921 | 2.148 | 0.047 | 1.632 |
| 29 | LQHP\_2.5 | LQHP | 2.5 | 0.930 | 0.919 | 2.177 | 0.049 | 1.648 |
| 30 | LQHPT\_2.5 | LQHPT | 2.5 | 0.930 | 0.919 | 2.177 | 0.049 | 1.648 |
| 31 | L\_3 | L | 3 | 0.773 | 0.770 | 7.559 | 0.104 | 4.045 |
| 32 | LQ\_3 | LQ | 3 | 0.818 | 0.812 | 4.481 | 0.083 | 2.341 |
| 33 | H\_3 | H | 3 | 0.929 | 0.920 | 1.802 | 0.043 | 1.373 |
| 34 | LQH\_3 | LQH | 3 | 0.928 | 0.917 | 2.052 | 0.047 | 1.547 |
| 35 | LQHP\_3 | LQHP | 3 | 0.926 | 0.916 | 2.072 | 0.047 | 1.552 |
| 36 | LQHPT\_3 | LQHPT | 3 | 0.926 | 0.916 | 2.072 | 0.047 | 1.552 |
| 37 | L\_3.5 | L | 3.5 | 0.774 | 0.770 | 7.510 | 0.104 | 4.010 |
| 38 | LQ\_3.5 | LQ | 3.5 | 0.816 | 0.810 | 4.604 | 0.084 | 2.402 |
| 39 | H\_3.5 | H | 3.5 | 0.924 | 0.915 | 1.743 | 0.043 | 1.298 |
| 40 | LQH\_3.5 | LQH | 3.5 | 0.922 | 0.911 | 1.988 | 0.047 | 1.504 |
| 41 | LQHP\_3.5 | LQHP | 3.5 | 0.921 | 0.911 | 2.106 | 0.047 | 1.584 |
| 42 | LQHPT\_3.5 | LQHPT | 3.5 | 0.921 | 0.911 | 2.106 | 0.047 | 1.584 |
| 43 | L\_4 | L | 4 | 0.773 | 0.770 | 7.503 | 0.104 | 4.000 |
| 44 | LQ\_4 | LQ | 4 | 0.814 | 0.808 | 4.767 | 0.086 | 2.480 |
| 45 | H\_4 | H | 4 | 0.919 | 0.911 | 1.692 | 0.043 | 1.243 |
| 46 | LQH\_4 | LQH | 4 | 0.914 | 0.905 | 1.874 | 0.044 | 1.408 |
| 47 | LQHP\_4 | LQHP | 4 | 0.916 | 0.908 | 2.061 | 0.045 | 1.564 |
| 48 | LQHPT\_4 | LQHPT | 4 | 0.916 | 0.908 | 2.061 | 0.045 | 1.564 |
| 49 | L\_4.5 | L | 4.5 | 0.773 | 0.770 | 7.496 | 0.104 | 3.993 |
| 50 | LQ\_4.5 | LQ | 4.5 | 0.813 | 0.808 | 4.798 | 0.086 | 2.491 |
| 51 | H\_4.5 | H | 4.5 | 0.911 | 0.905 | 1.606 | 0.041 | 1.148 |
| 52 | LQH\_4.5 | LQH | 4.5 | 0.907 | 0.897 | 1.797 | 0.043 | 1.315 |
| 53 | LQHP\_4.5 | LQHP | 4.5 | 0.911 | 0.904 | 1.985 | 0.042 | 1.495 |
| 54 | LQHPT\_4.5 | LQHPT | 4.5 | 0.911 | 0.904 | 1.985 | 0.042 | 1.495 |
| 55 | L\_5 | L | 5 | 0.773 | 0.770 | 7.467 | 0.104 | 3.970 |
| 56 | LQ\_5 | LQ | 5 | 0.813 | 0.807 | 4.837 | 0.086 | 2.516 |
| 57 | H\_5 | H | 5 | 0.909 | 0.902 | 1.590 | 0.041 | 1.114 |
| 58 | LQH\_5 | LQH | 5 | 0.901 | 0.891 | 1.730 | 0.042 | 1.238 |
| 59 | LQHP\_5 | LQHP | 5 | 0.909 | 0.903 | 1.932 | 0.041 | 1.446 |
| 60 | LQHPT\_5 | LQHPT | 5 | 0.909 | 0.903 | 1.932 | 0.041 | 1.446 |
| 61 | L\_5.5 | L | 5.5 | 0.773 | 0.769 | 7.458 | 0.104 | 3.963 |
| 62 | LQ\_5.5 | LQ | 5.5 | 0.812 | 0.807 | 4.853 | 0.086 | 2.524 |
| 63 | H\_5.5 | H | 5.5 | 0.906 | 0.899 | 1.565 | 0.042 | 1.080 |
| 64 | LQH\_5.5 | LQH | 5.5 | 0.895 | 0.889 | 1.679 | 0.039 | 1.161 |
| 65 | LQHP\_5.5 | LQHP | 5.5 | 0.907 | 0.902 | 1.878 | 0.040 | 1.403 |
| 66 | LQHPT\_5.5 | LQHPT | 5.5 | 0.907 | 0.902 | 1.878 | 0.040 | 1.403 |
| 67 | L\_6 | L | 6 | 0.773 | 0.769 | 7.442 | 0.104 | 3.944 |
| 68 | LQ\_6 | LQ | 6 | 0.812 | 0.806 | 4.893 | 0.087 | 2.546 |
| 69 | H\_6 | H | 6 | 0.902 | 0.893 | 1.551 | 0.042 | 1.058 |
| 70 | LQH\_6 | LQH | 6 | 0.893 | 0.888 | 1.653 | 0.039 | 1.118 |
| 71 | LQHP\_6 | LQHP | 6 | 0.906 | 0.901 | 1.842 | 0.039 | 1.369 |
| 72 | LQHPT\_6 | LQHPT | 6 | 0.906 | 0.901 | 1.842 | 0.039 | 1.369 |
| 73 | L\_6.5 | L | 6.5 | 0.773 | 0.769 | 7.416 | 0.103 | 3.926 |
| 74 | LQ\_6.5 | LQ | 6.5 | 0.811 | 0.806 | 4.926 | 0.087 | 2.564 |
| 75 | H\_6.5 | H | 6.5 | 0.896 | 0.890 | 1.551 | 0.041 | 1.019 |
| 76 | LQH\_6.5 | LQH | 6.5 | 0.891 | 0.885 | 1.658 | 0.040 | 1.092 |
| 77 | LQHP\_6.5 | LQHP | 6.5 | 0.905 | 0.900 | 1.811 | 0.039 | 1.340 |
| 78 | LQHPT\_6.5 | LQHPT | 6.5 | 0.905 | 0.900 | 1.811 | 0.039 | 1.340 |
| 79 | L\_7 | L | 7 | 0.773 | 0.769 | 7.392 | 0.103 | 3.909 |
| 80 | LQ\_7 | LQ | 7 | 0.811 | 0.805 | 4.958 | 0.087 | 2.585 |
| 81 | H\_7 | H | 7 | 0.895 | 0.890 | 1.543 | 0.041 | 0.991 |
| 82 | LQH\_7 | LQH | 7 | 0.888 | 0.884 | 1.648 | 0.039 | 1.062 |
| 83 | LQHP\_7 | LQHP | 7 | 0.903 | 0.899 | 1.788 | 0.039 | 1.308 |
| 84 | LQHPT\_7 | LQHPT | 7 | 0.903 | 0.899 | 1.788 | 0.039 | 1.308 |
| 85 | L\_7.5 | L | 7.5 | 0.773 | 0.769 | 7.363 | 0.103 | 3.887 |
| 86 | LQ\_7.5 | LQ | 7.5 | 0.810 | 0.805 | 4.977 | 0.087 | 2.597 |
| 87 | H\_7.5 | H | 7.5 | 0.895 | 0.889 | 1.542 | 0.041 | 0.986 |
| 88 | LQH\_7.5 | LQH | 7.5 | 0.888 | 0.885 | 1.619 | 0.039 | 1.028 |
| 89 | LQHP\_7.5 | LQHP | 7.5 | 0.901 | 0.896 | 1.765 | 0.039 | 1.276 |
| 90 | LQHPT\_7.5 | LQHPT | 7.5 | 0.901 | 0.896 | 1.765 | 0.039 | 1.276 |
| 91 | L\_8 | L | 8 | 0.773 | 0.769 | 7.320 | 0.103 | 3.853 |
| 92 | LQ\_8 | LQ | 8 | 0.810 | 0.804 | 5.014 | 0.088 | 2.620 |
| 93 | H\_8 | H | 8 | 0.895 | 0.885 | 1.509 | 0.043 | 0.972 |
| 94 | LQH\_8 | LQH | 8 | 0.888 | 0.885 | 1.612 | 0.039 | 1.019 |
| 95 | LQHP\_8 | LQHP | 8 | 0.899 | 0.894 | 1.742 | 0.039 | 1.243 |
| 96 | LQHPT\_8 | LQHPT | 8 | 0.899 | 0.894 | 1.742 | 0.039 | 1.243 |
| 97 | L\_8.5 | L | 8.5 | 0.773 | 0.769 | 7.308 | 0.103 | 3.844 |
| 98 | LQ\_8.5 | LQ | 8.5 | 0.810 | 0.804 | 5.048 | 0.088 | 2.640 |
| 99 | H\_8.5 | H | 8.5 | 0.893 | 0.886 | 1.500 | 0.043 | 0.950 |
| 100 | LQH\_8.5 | LQH | 8.5 | 0.888 | 0.885 | 1.616 | 0.039 | 1.022 |
| 101 | LQHP\_8.5 | LQHP | 8.5 | 0.897 | 0.892 | 1.719 | 0.039 | 1.205 |
| 102 | LQHPT\_8.5 | LQHPT | 8.5 | 0.897 | 0.892 | 1.719 | 0.039 | 1.205 |
| 103 | L\_9 | L | 9 | 0.773 | 0.769 | 7.295 | 0.103 | 3.830 |
| 104 | LQ\_9 | LQ | 9 | 0.810 | 0.803 | 5.104 | 0.088 | 2.672 |
| 105 | H\_9 | H | 9 | 0.893 | 0.887 | 1.482 | 0.042 | 0.929 |
| 106 | LQH\_9 | LQH | 9 | 0.888 | 0.885 | 1.620 | 0.039 | 1.024 |
| 107 | LQHP\_9 | LQHP | 9 | 0.895 | 0.889 | 1.698 | 0.039 | 1.168 |
| 108 | LQHPT\_9 | LQHPT | 9 | 0.895 | 0.889 | 1.698 | 0.039 | 1.168 |
| 109 | L\_9.5 | L | 9.5 | 0.773 | 0.769 | 7.285 | 0.103 | 3.821 |
| 110 | LQ\_9.5 | LQ | 9.5 | 0.809 | 0.802 | 5.138 | 0.089 | 2.688 |
| 111 | H\_9.5 | H | 9.5 | 0.892 | 0.886 | 1.459 | 0.042 | 0.915 |
| 112 | LQH\_9.5 | LQH | 9.5 | 0.888 | 0.885 | 1.621 | 0.039 | 1.024 |
| 113 | LQHP\_9.5 | LQHP | 9.5 | 0.892 | 0.887 | 1.678 | 0.039 | 1.127 |
| 114 | LQHPT\_9.5 | LQHPT | 9.5 | 0.892 | 0.887 | 1.678 | 0.039 | 1.127 |
| 115 | L\_10 | L | 10 | 0.773 | 0.768 | 7.271 | 0.103 | 3.808 |
| 116 | LQ\_10 | LQ | 10 | 0.809 | 0.802 | 5.168 | 0.089 | 2.707 |
| 117 | H\_10 | H | 10 | 0.891 | 0.885 | 1.475 | 0.042 | 0.924 |
| 118 | LQH\_10 | LQH | 10 | 0.887 | 0.885 | 1.627 | 0.039 | 1.028 |
| 119 | LQHP\_10 | LQHP | 10 | 0.890 | 0.886 | 1.660 | 0.039 | 1.088 |
| 120 | LQHPT\_10 | LQHPT | 10 | 0.890 | 0.886 | 1.660 | 0.039 | 1.088 |

**Research Data Table 2**. — *continue.*

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **N° model** | **avg.test.orMTP** | **var.test.orMTP** | **avg.test.or10pct** | **var.test.or10pct** | **AICc** | **delta.AICc** | **w.AIC** | **Parameters** |
| 1 | 0.008 | 0.008 | 0.111 | 0.100 | 3103.530 | 295.867 | 0.000 | 7 |
| 2 | 0.008 | 0.008 | 0.135 | 0.118 | 3036.366 | 228.702 | 0.000 | 13 |
| 3 | 0.008 | 0.008 | 0.143 | 0.123 | 3070.876 | 263.213 | 0.000 | 73 |
| 4 | 0.008 | 0.008 | 0.143 | 0.123 | 3106.677 | 299.013 | 0.000 | 76 |
| 5 | 0.008 | 0.008 | 0.143 | 0.123 | 3085.279 | 277.615 | 0.000 | 74 |
| 6 | 0.008 | 0.008 | 0.143 | 0.123 | 3085.279 | 277.615 | 0.000 | 74 |
| 7 | 0.008 | 0.008 | 0.111 | 0.100 | 3104.151 | 296.488 | 0.000 | 7 |
| 8 | 0.008 | 0.008 | 0.119 | 0.106 | 3054.100 | 246.436 | 0.000 | 11 |
| **9** | **0.008** | **0.008** | **0.103** | **0.093** | **2807.663** | **0.000** | **0.817** | **47** |
| 10 | 0.008 | 0.008 | 0.103 | 0.093 | 2836.340 | 28.676 | 0.000 | 51 |
| 11 | 0.008 | 0.008 | 0.103 | 0.093 | 2855.065 | 47.402 | 0.000 | 54 |
| 12 | 0.008 | 0.008 | 0.103 | 0.093 | 2855.065 | 47.402 | 0.000 | 54 |
| 13 | 0.008 | 0.008 | 0.111 | 0.100 | 3104.924 | 297.261 | 0.000 | 7 |
| 14 | 0.008 | 0.008 | 0.119 | 0.106 | 3061.137 | 253.474 | 0.000 | 9 |
| 15 | 0.008 | 0.008 | 0.111 | 0.100 | 2810.785 | 3.121 | 0.172 | 37 |
| 16 | 0.008 | 0.008 | 0.119 | 0.106 | 2816.500 | 8.836 | 0.010 | 37 |
| 17 | 0.008 | 0.008 | 0.111 | 0.100 | 2822.118 | 14.455 | 0.001 | 41 |
| 18 | 0.008 | 0.008 | 0.111 | 0.100 | 2822.118 | 14.455 | 0.001 | 41 |
| 19 | 0.008 | 0.008 | 0.119 | 0.106 | 3105.841 | 298.178 | 0.000 | 7 |
| 20 | 0.008 | 0.008 | 0.119 | 0.106 | 3064.693 | 257.029 | 0.000 | 9 |
| 21 | 0.008 | 0.008 | 0.111 | 0.100 | 2836.073 | 28.410 | 0.000 | 27 |
| 22 | 0.008 | 0.008 | 0.111 | 0.100 | 2848.901 | 41.238 | 0.000 | 30 |
| 23 | 0.008 | 0.008 | 0.135 | 0.118 | 2864.964 | 57.301 | 0.000 | 37 |
| 24 | 0.008 | 0.008 | 0.135 | 0.118 | 2864.964 | 57.301 | 0.000 | 37 |
| 25 | 0.008 | 0.008 | 0.119 | 0.106 | 3106.886 | 299.223 | 0.000 | 7 |
| 26 | 0.008 | 0.008 | 0.111 | 0.100 | 3065.147 | 257.483 | 0.000 | 8 |
| 27 | 0.008 | 0.008 | 0.111 | 0.100 | 2881.120 | 73.457 | 0.000 | 24 |
| 28 | 0.008 | 0.008 | 0.111 | 0.100 | 2861.857 | 54.194 | 0.000 | 22 |
| 29 | 0.008 | 0.008 | 0.127 | 0.112 | 2883.278 | 75.614 | 0.000 | 28 |
| 30 | 0.008 | 0.008 | 0.127 | 0.112 | 2883.278 | 75.614 | 0.000 | 28 |
| 31 | 0.008 | 0.008 | 0.111 | 0.100 | 3108.040 | 300.377 | 0.000 | 7 |
| 32 | 0.008 | 0.008 | 0.111 | 0.100 | 3067.671 | 260.007 | 0.000 | 8 |
| 33 | 0.008 | 0.008 | 0.119 | 0.106 | 2903.627 | 95.964 | 0.000 | 17 |
| 34 | 0.008 | 0.008 | 0.111 | 0.100 | 2892.850 | 85.187 | 0.000 | 20 |
| 35 | 0.016 | 0.016 | 0.103 | 0.093 | 2900.579 | 92.916 | 0.000 | 24 |
| 36 | 0.016 | 0.016 | 0.103 | 0.093 | 2900.579 | 92.916 | 0.000 | 24 |
| 37 | 0.008 | 0.008 | 0.111 | 0.100 | 3109.308 | 301.644 | 0.000 | 7 |
| 38 | 0.008 | 0.008 | 0.103 | 0.093 | 3070.415 | 262.752 | 0.000 | 8 |
| 39 | 0.008 | 0.008 | 0.111 | 0.100 | 2931.364 | 123.701 | 0.000 | 17 |
| 40 | 0.008 | 0.008 | 0.103 | 0.093 | 2923.086 | 115.423 | 0.000 | 19 |
| 41 | 0.016 | 0.016 | 0.103 | 0.093 | 2922.993 | 115.330 | 0.000 | 22 |
| 42 | 0.016 | 0.016 | 0.103 | 0.093 | 2922.993 | 115.330 | 0.000 | 22 |
| 43 | 0.008 | 0.008 | 0.111 | 0.100 | 3110.666 | 303.003 | 0.000 | 7 |
| 44 | 0.008 | 0.008 | 0.103 | 0.093 | 3073.287 | 265.624 | 0.000 | 8 |
| 45 | 0.008 | 0.008 | 0.111 | 0.100 | 2950.972 | 143.309 | 0.000 | 15 |
| 46 | 0.008 | 0.008 | 0.103 | 0.093 | 2944.444 | 136.781 | 0.000 | 16 |
| 47 | 0.016 | 0.016 | 0.103 | 0.093 | 2929.070 | 121.406 | 0.000 | 15 |
| 48 | 0.016 | 0.016 | 0.103 | 0.093 | 2929.070 | 121.406 | 0.000 | 15 |
| 49 | 0.008 | 0.008 | 0.111 | 0.100 | 3112.113 | 304.450 | 0.000 | 7 |
| 50 | 0.008 | 0.008 | 0.103 | 0.093 | 3072.248 | 264.584 | 0.000 | 7 |
| 51 | 0.008 | 0.008 | 0.103 | 0.093 | 2962.392 | 154.729 | 0.000 | 11 |
| 52 | 0.008 | 0.008 | 0.103 | 0.093 | 2963.515 | 155.851 | 0.000 | 16 |
| 53 | 0.016 | 0.016 | 0.103 | 0.093 | 2940.954 | 133.291 | 0.000 | 13 |
| 54 | 0.016 | 0.016 | 0.103 | 0.093 | 2940.954 | 133.291 | 0.000 | 13 |
| 55 | 0.008 | 0.008 | 0.111 | 0.100 | 3113.634 | 305.970 | 0.000 | 7 |
| 56 | 0.024 | 0.023 | 0.103 | 0.093 | 3075.856 | 268.193 | 0.000 | 8 |
| 57 | 0.008 | 0.008 | 0.111 | 0.100 | 2972.539 | 164.875 | 0.000 | 11 |
| 58 | 0.016 | 0.016 | 0.095 | 0.087 | 2969.797 | 162.133 | 0.000 | 14 |
| 59 | 0.016 | 0.016 | 0.103 | 0.093 | 2946.724 | 139.061 | 0.000 | 12 |
| 60 | 0.016 | 0.016 | 0.103 | 0.093 | 2946.724 | 139.061 | 0.000 | 12 |
| 61 | 0.008 | 0.008 | 0.111 | 0.100 | 3115.263 | 307.600 | 0.000 | 7 |
| 62 | 0.024 | 0.023 | 0.103 | 0.093 | 3077.275 | 269.612 | 0.000 | 8 |
| 63 | 0.008 | 0.008 | 0.111 | 0.100 | 2986.080 | 178.417 | 0.000 | 12 |
| 64 | 0.016 | 0.016 | 0.103 | 0.093 | 2973.558 | 165.895 | 0.000 | 12 |
| 65 | 0.016 | 0.016 | 0.103 | 0.093 | 2956.091 | 148.428 | 0.000 | 13 |
| 66 | 0.016 | 0.016 | 0.103 | 0.093 | 2956.091 | 148.428 | 0.000 | 13 |
| 67 | 0.008 | 0.008 | 0.111 | 0.100 | 3116.957 | 309.294 | 0.000 | 7 |
| 68 | 0.024 | 0.023 | 0.111 | 0.100 | 3078.722 | 271.059 | 0.000 | 8 |
| 69 | 0.008 | 0.008 | 0.095 | 0.087 | 2998.212 | 190.549 | 0.000 | 12 |
| 70 | 0.016 | 0.016 | 0.103 | 0.093 | 2973.874 | 166.211 | 0.000 | 10 |
| 71 | 0.016 | 0.016 | 0.103 | 0.093 | 2952.283 | 144.620 | 0.000 | 9 |
| 72 | 0.016 | 0.016 | 0.103 | 0.093 | 2952.283 | 144.620 | 0.000 | 9 |
| 73 | 0.008 | 0.008 | 0.111 | 0.100 | 3118.732 | 311.069 | 0.000 | 7 |
| 74 | 0.016 | 0.016 | 0.111 | 0.100 | 3080.252 | 272.589 | 0.000 | 8 |
| 75 | 0.008 | 0.008 | 0.095 | 0.087 | 3003.528 | 195.865 | 0.000 | 9 |
| 76 | 0.008 | 0.008 | 0.111 | 0.100 | 2978.373 | 170.710 | 0.000 | 10 |
| 77 | 0.016 | 0.016 | 0.103 | 0.093 | 2954.460 | 146.797 | 0.000 | 8 |
| 78 | 0.016 | 0.016 | 0.103 | 0.093 | 2954.460 | 146.797 | 0.000 | 8 |
| 79 | 0.008 | 0.008 | 0.111 | 0.100 | 3120.558 | 312.895 | 0.000 | 7 |
| 80 | 0.016 | 0.016 | 0.111 | 0.100 | 3081.837 | 274.174 | 0.000 | 8 |
| 81 | 0.008 | 0.008 | 0.095 | 0.087 | 3007.203 | 199.540 | 0.000 | 8 |
| 82 | 0.008 | 0.008 | 0.111 | 0.100 | 2982.904 | 175.241 | 0.000 | 10 |
| 83 | 0.016 | 0.016 | 0.103 | 0.093 | 2961.533 | 153.869 | 0.000 | 9 |
| 84 | 0.016 | 0.016 | 0.103 | 0.093 | 2961.533 | 153.869 | 0.000 | 9 |
| 85 | 0.008 | 0.008 | 0.103 | 0.093 | 3122.460 | 314.797 | 0.000 | 7 |
| 86 | 0.016 | 0.016 | 0.119 | 0.106 | 3083.462 | 275.799 | 0.000 | 8 |
| 87 | 0.008 | 0.008 | 0.111 | 0.100 | 3013.604 | 205.941 | 0.000 | 8 |
| 88 | 0.008 | 0.008 | 0.111 | 0.100 | 2978.482 | 170.819 | 0.000 | 7 |
| 89 | 0.016 | 0.016 | 0.103 | 0.093 | 2966.390 | 158.727 | 0.000 | 9 |
| 90 | 0.016 | 0.016 | 0.103 | 0.093 | 2966.390 | 158.727 | 0.000 | 9 |
| 91 | 0.008 | 0.008 | 0.103 | 0.093 | 3124.431 | 316.767 | 0.000 | 7 |
| 92 | 0.008 | 0.008 | 0.119 | 0.106 | 3085.158 | 277.494 | 0.000 | 8 |
| 93 | 0.008 | 0.008 | 0.111 | 0.100 | 3020.280 | 212.616 | 0.000 | 8 |
| 94 | 0.008 | 0.008 | 0.111 | 0.100 | 2980.520 | 172.857 | 0.000 | 7 |
| 95 | 0.016 | 0.016 | 0.103 | 0.093 | 2971.513 | 163.849 | 0.000 | 9 |
| 96 | 0.016 | 0.016 | 0.103 | 0.093 | 2971.513 | 163.849 | 0.000 | 9 |
| 97 | 0.008 | 0.008 | 0.103 | 0.093 | 3126.473 | 318.810 | 0.000 | 7 |
| 98 | 0.008 | 0.008 | 0.119 | 0.106 | 3086.894 | 279.230 | 0.000 | 8 |
| 99 | 0.008 | 0.008 | 0.119 | 0.106 | 3022.491 | 214.828 | 0.000 | 6 |
| 100 | 0.008 | 0.008 | 0.111 | 0.100 | 2982.614 | 174.951 | 0.000 | 7 |
| 101 | 0.016 | 0.016 | 0.111 | 0.100 | 2976.619 | 168.956 | 0.000 | 9 |
| 102 | 0.016 | 0.016 | 0.111 | 0.100 | 2976.619 | 168.956 | 0.000 | 9 |
| 103 | 0.008 | 0.008 | 0.103 | 0.093 | 3128.572 | 320.908 | 0.000 | 7 |
| 104 | 0.008 | 0.008 | 0.119 | 0.106 | 3088.686 | 281.023 | 0.000 | 8 |
| 105 | 0.008 | 0.008 | 0.111 | 0.100 | 3029.091 | 221.428 | 0.000 | 7 |
| 106 | 0.016 | 0.016 | 0.119 | 0.106 | 2984.775 | 177.112 | 0.000 | 7 |
| 107 | 0.016 | 0.016 | 0.119 | 0.106 | 2981.864 | 174.200 | 0.000 | 9 |
| 108 | 0.016 | 0.016 | 0.119 | 0.106 | 2981.864 | 174.200 | 0.000 | 9 |
| 109 | 0.016 | 0.016 | 0.103 | 0.093 | 3130.710 | 323.047 | 0.000 | 7 |
| 110 | 0.008 | 0.008 | 0.119 | 0.106 | 3090.523 | 282.860 | 0.000 | 8 |
| 111 | 0.008 | 0.008 | 0.111 | 0.100 | 3033.502 | 225.839 | 0.000 | 7 |
| 112 | 0.016 | 0.016 | 0.119 | 0.106 | 2986.994 | 179.331 | 0.000 | 7 |
| 113 | 0.016 | 0.016 | 0.119 | 0.106 | 2987.613 | 179.950 | 0.000 | 9 |
| 114 | 0.016 | 0.016 | 0.119 | 0.106 | 2987.613 | 179.950 | 0.000 | 9 |
| 115 | 0.016 | 0.016 | 0.103 | 0.093 | 3132.951 | 325.287 | 0.000 | 7 |
| 116 | 0.008 | 0.008 | 0.119 | 0.106 | 3092.404 | 284.741 | 0.000 | 8 |
| 117 | 0.008 | 0.008 | 0.111 | 0.100 | 3038.018 | 230.354 | 0.000 | 7 |
| 118 | 0.016 | 0.016 | 0.119 | 0.106 | 2989.262 | 181.599 | 0.000 | 7 |
| 119 | 0.016 | 0.016 | 0.119 | 0.106 | 2988.718 | 181.055 | 0.000 | 8 |
| 120 | 0.016 | 0.016 | 0.119 | 0.106 | 2988.718 | 181.055 | 0.000 | 8 |