Genetic parameters for stayability to consecutive calvings in Zebu cattle

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Table S1**.** Number of cows (NC), relative frequency (RF, %) and cumulative frequency (CF, %) according to the number of calvings (C) in raw database.

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | Guzerá | | |  | Nelore | | |  | Tabapuã | | |
| C | NC | RF | CF |  | NC | RF | CF |  | NC | RF | CF |
| 1 | 32 005 | 42.89 | 42.89 |  | 78 522 | 42.31 | 42.31 |  | 29 486 | 33.78 | 33.78 |
| 2 | 15 564 | 20.86 | 63.75 |  | 40 441 | 21.79 | 64.10 |  | 16 838 | 19.29 | 53.07 |
| 3 | 9 518 | 12.75 | 76.50 |  | 25 078 | 13.51 | 77.61 |  | 11 005 | 12.60 | 65.67 |
| 4 | 6 137 | 8.22 | 84.72 |  | 16 351 | 8.81 | 86.42 |  | 8 406 | 9.63 | 75.30 |
| 5 | 4 208 | 5.64 | 90.36 |  | 10,336 | 5.57 | 91.99 |  | 6 429 | 7.36 | 82.67 |
| 6 | 2 773 | 3.72 | 94.08 |  | 6 318 | 3.40 | 95.39 |  | 4 707 | 5.39 | 88.06 |
| 7 | 1 876 | 2.51 | 96.59 |  | 3 935 | 2.12 | 97.51 |  | 3 537 | 4.05 | 92.11 |
| 8 | 1 176 | 1.58 | 98.17 |  | 2 242 | 1.21 | 98.72 |  | 2 507 | 2.87 | 94.98 |
| 9 | 687 | 0.92 | 99.09 |  | 1 247 | 0.67 | 99.39 |  | 1 774 | 2.03 | 97.02 |
| 10 | 378 | 0.51 | 99.60 |  | 621 | 0.33 | 99.72 |  | 1 211 | 1.38 | 98.40 |
| 11 | 188 | 0.25 | 99.85 |  | 322 | 0.17 | 99.89 |  | 721 | 0.82 | 99.23 |
| 12 | 81 | 0.11 | 99.96 |  | 122 | 0.07 | 99.96 |  | 381 | 0.43 | 99.67 |
| 13 | 24 | 0.03 | 99.99 |  | 43 | 0.02 | 99.99 |  | 190 | 0.21 | 99.88 |
| 14 | 8 | 0.01 | 99.99 |  | 6 | 0.00 | 100 |  | 64 | 0.07 | 99.96 |
| 15 | 1 | 0.00 | 100 |  | - | - | - |  | 27 | 0.03 | 99.99 |
| 16 | - | - | - |  | - | - | - |  | 6 | 0.00 | 100 |

Figure S1. Additive genetic, permanent environmental, contemporary group and residual variances of stayability to consecutive calvings according to breed.

Figure S2. Estimates of correlation between the estimated breeding values for the stayability to consecutive calvings and the estimated breeding value for the first regression coefficient, according to breed.