**Supplementary Table S3.** Heritability estimates (standard error in parenthesis) for fertility traits† in beef cows.

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| AFO | AFC | CFS | CIV | CCI/DO | DtC | Calving rate | Parity‡ | Breed | Population | Reference |
|  | 0.31 (0.016) |  | 0.02 (0.004) |  |  | 0.008 (0.003) | M | Multiple | Ireland | Berry and Evans (2013) |
|  | 0.04 (0.01) |  |  |  |  |  | 0 | Canchim | Brazil | Buzanskas et al. (2010) |
|  |  | 0.036 (0.007) |  |  |  |  | 1 | Angus | Australia | Donoghue et al. (2004) |
|  | 0.06 |  |  |  | 0.06 |  |  | Nelore | Brazil | Forni and Albuquerque (2005) |
|  |  |  |  | 0.154 |  |  | 1 & 2 | Austurina de los Valles | Spain | Goyache et al. (2005) |
|  |  |  |  | 0.132 |  |  | ≥3 | Austurina de los Valles | Spain | Goyache et al. (2005) |
|  |  |  | 0.106 | 0.135 |  |  | all | Austurina de los Valles | Spain | Goyache et al. (2005) |
|  | 0.235 (0.018) |  | 0.125 (0.02) |  |  |  | M | Austurina de los Valles | Spain | Gutierrez et al. (2002) |
|  |  |  | 0.121 (0.013) |  |  |  |  | Austurina de los Valles | Spain | Gutierrez et al. (2007) |
|  |  |  |  |  | 0.11 | 0.11 | All | Angus | Australia | Johnston and Bunter (1996) |
| 0.31 (0.05) |  |  |  | 0.11 (0.04) |  |  | M | Angus | New Zealand | Morris et al. (2000) |
|  |  | 0.01 (0.005) |  |  |  |  | 0 | Charolais | France | Phocas (2009) |
|  |  |  |  |  | 0.20 to 0.31 | 0.37 to 0.42 | 1, 2, 3 | Angus | Urguary | Urioste et al. (2007) |

†AFO = age at first oestrus; AFC = age at first calving; CFS = interval from calving to first service; CIV = calving interval; CCI/DO = calving to conception interval/days open; DtC = days to calving

 ‡M= multiple parities

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