**Genetic differences based on a beef terminal index are reflected in future phenotypic performance differences in commercial beef cattle**

S.M. Connolly, A.R. Cromie, and D.P. Berry

**Supplementary Material S1**Pricing system used for the present study.

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Cconf (EUROP)** | **E+** | **E=** | **E-** | **U+** | **U=** | **U-** | **R+** | **R=** | **R-** | **O+** | **O=** | **O-** | **P+** | **P=** | **P-** |
| **Cconf (1-15)** | **15** | **14** | **13** | **12** | **11** | **10** | **9** | **8** | **7** | **6** | **5** | **4** | **3** | **2** | **1** |
| **Cfat** | **1-** | **2.5** | 0.12 | 0.06 | 0 | -0.06 | -0.12 | -0.18 | -0.24 | -0.30 | -0.30 | -0.54 | -0.60 | -0.66 | -0.72 | -0.78 | -0.84 |
|  | **1=** | **3** | 0.18 | 0.12 | 0.06 | 0 | -0.06 | -0.12 | -0.18 | -0.24 | -0.24 | -0.48 | -0.54 | -0.60 | -0.66 | -0.72 | -0.78 |
|  | **1+** | **3.5** | 0.24 | 0.18 | 0.12 | 0.06 | 0 | -0.6 | -0.12 | -0.18 | -0.18 | -0.42 | -0.48 | -0.54 | -0.60 | -0.66 | -0.72 |
|  | **2-** | **4** | 0.30 | 0.24 | 0.18 | 0.12 | 0.06 | 0 | -0.06 | -0.12 | -0.12 | -0.36 | -0.42 | -0.48 | -0.54 | -0.60 | -0.66 |
|  | **2=** | **4.5** | 0.36 | 0.30 | 0.24 | 0.18 | 0.12 | 0.06 | 0 | -0.06 | -0.06 | -0.30 | -0.36 | -0.42 | -0.48 | -0.54 | -0.60 |
|  | **2+** | **5** | 0.42 | 0.36 | 0.32 | 0.24 | 0.18 | 0.12 | 0.06 | 0.00 | 0.00 | -0.18 | -0.24 | -0.30 | -0.36 | -0.42 | -0.48 |
|  | **3-** | **5.5** | 0.42 | 0.36 | 0.30 | 0.24 | 0.18 | 0.12 | 0.06 | 0.00 | 0.00 | -0.12 | -0.18 | -0.24 | -0.30 | -0.36 | -0.42 |
|  | **3=** | **6** | 0.42 | 0.36 | 0.30 | 0.24 | 0.18 | 0.12 | 0.06 | 0.00 | 0.00 | -0.12 | -0.18 | -0.24 | -0.30 | -0.36 | -0.42 |
|  | **3+** | **7.12** | 0.42 | 0.36 | 0.30 | 0.24 | 0.18 | 0.12 | 0.06 | 0.00 | 0.00 | -0.12 | -0.18 | -0.24 | -0.30 | -0.36 | -0.42 |
|  | **4-** | **8.25** | 0.42 | 0.36 | 0.30 | 0.24 | 0.18 | 0.12 | 0.06 | 0.00 | 0.00 | -0.12 | -0.18 | -0.24 | -0.30 | -0.36 | -0.42 |
|  | **4=** | **9** | 0.42 | 0.36 | 0.30 | 0.24 | 0.18 | 0.12 | 0.06 | 0.00 | 0.00 | -0.12 | -0.24 | -0.30 | -0.36 | -0.42 | -0.48 |
|  | **4+** | **9.75** | 0.36 | 0.30 | 0.24 | 0.18 | 0.12 | 0.06 | 0 | -0.06 | -0.06 | -0.18 | -0.24 | -0.30 | -0.36 | -0.42 | -0.48 |
|  | **5-** | **12** | 0.18 | 0.12 | 0.06 | 0 | -0.06 | -0.12 | -0.18 | -0.24 | -0.24 | -0.36 | -0.42 | -0.48 | -0.54 | -0.60 | -0.66 |
|  | **5=** | **13.5** | 0.18 | 0.12 | 0.06 | 0 | -0.06 | -0.12 | -0.18 | -0.24 | -0.24 | -0.36 | -0.42 | -0.48 | -0.54 | -0.60 | -0.66 |
|  | **5+** | **15** | 0.18 | 0.12 | 0.06 | 0 | -0.06 | -0.12 | -0.18 | -0.24 | -0.24 | -0.36 | -0.42 | -0.48 | -0.54 | -0.60 | -0.66 |

All figure are ± €/ kg from the base price of €3.80