***Supplementary Table S1*** Qualitative Behaviour Assessment coefficients and constant for broiler flocks scored with the broiler terms (middle column) (Welfare [Quality, 2009](#_ENREF_2)) and terms as listed in the Welfare Quality® broiler assessment protocol (Annex B, page 89 in Welfare [Quality, 2009](#_ENREF_2)) but aimed for scoring laying hens (right column; coefficients and constant provided by F. Welmelsfelder, SRUC, UK, 2011).

|  |  |  |
| --- | --- | --- |
| Terms | Coefficients  (broilers) | Coefficients  (laying hens) |
| Active | 0.00593 | 0.003746904 |
| Relaxed | 0.00528 | 0.010794761 |
| Comfortable | 0.01274 | 0.010599243 |
| Confident | 0.00916 | 0.011039545 |
| Calm | 0.00449 | 0.0085481 |
| Content | 0.01321 | 0.011400917 |
| Energetic | 0.00726 | 0.003330148 |
| Friendly | 0.00676 | 0.012305522 |
| Positively occupied | 0.01018 | 0.00784211 |
| Happy | - | 0.010403183 |
| Playful | 0.00746 | - |
| Fearful | -0.00295 | -0.007208854 |
| Agitated | -0.00148 | -0.009674835 |
| Depressed | -0.01651 | -0.01068085 |
| Drowsy | -0.01105 | None |
| Tense | -0.00283 | -0.009073022 |
| Unsure | -0.00114 | -0.011726853 |
| Frustrated | -0.01062 | -0.010989451 |
| Helpless | -0.04383 | - |
| Inquisitive | 0.00625 | - |
| Bored | -0.01367 | -0.007189465 |
| Scared | 0.00011 | -0.008385268 |
| Nervous | -0.00039 | -0.009315655 |
| Distressed | -0.03121 | -0.011127293 |
|  |  |  |
| Constant pc1 | -2.7938 | -5.010301444 |

**References**

Welfare Quality 2009. The Welfare Quality® assessment protocol for poultry (broilers, laying hens). The Welfare Quality® Consortium, Lelystad, The Netherlands.