*Supplementary Table S2* Spearman rank correlations (rsp) between on-farm measures for all flocks (fast as well as slow growing broilers). Values of the measures in the calculations were the % of broilers affected in a flock.

– indicates a weak relationship: rsp<0.3.

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | Panting | gait score 1+2 | gait score ≥ 3 | FPD1 score 1+2 | FPD score 3+4 | HB2 score 1+2 | HB score 3+4 | cleanliness score 1 | cleanliness score 2+3 |
| panting |  | -0.517\* | 0.544\* | - | - | - | 0.349\* | - | - |
| gait score 1+2 |  |  | -0.981\* | - | -0.310\* | - | -0.581\* | 0.408\* | -0.474\* |
| gait score ≥ 3 |  |  |  | - | 0.347\* | - | 0.606\* | -0.419\* | 0.495\* |
| FPD score 1+2 |  |  |  |  | - | - | - | - | - |
| FPD score 3+4 |  |  |  |  |  | 0.402\* | 0.457\* | -0.402\* | 0.439\* |
| HB score 1+2 |  |  |  |  |  |  | 0.315\* | -0.318\* | 0.357\* |
| HB score 3+4 |  |  |  |  |  |  |  | -0.459\* | 0.520\* |
| cleanliness score 1 |  |  |  |  |  |  |  |  | -0.941\* |
| cleanliness score 2+3 |  |  |  |  |  |  |  |  |  |

1 FPD: footpad dermatitis. 2 HB: hock burn. \*denotes a significance of *P*<0.001