***Supplementary Table S3***  Spearman rank correlations (rsp) between slaughter plant and on-farm clinical scores, and slaughter plant clinical scores and on-farm gait scores for all flocks, i.e. fast and 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.

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | FPD1 score 1+2 (F)2 | FPD score 3+4 (F) | HB3 score 1+2 (F) | HB score 3+4 (F) | Gait score 1+2 (F) | Gait score 3+4 (F) | Cleanliness score 1 (F) | Cleanliness score 2+3 (F) |
| FPD score 1+2 (S)2 | 0.559\* | 0.575\* | - | - | - | - | - | - |
| FPD score 3+4 (S) | 0.353\* | 0.769\* | 0.480\* | 0.398\* | - | - | -0.434\* | 0.474\* |
| HB score 1 (S) | - | 0.473\* | 0.550\* | 0.601\* | -0.563\* | 0.588\* | -0.542\* | 0.630\* |

1 FPD: footpad dermatitis. 2 (S) measured at the slaughter plant; (F) measured on-farm. 3 HB: hock burn.

\*denotes a significance of *P*<0.001