Table 9 – Supplementary Information. Validity: comparison of registered herd size for various groups in each survey.

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| --- | --- | --- | --- | --- |
| Analysis level | Group | n | Median  herd size | *P*-value  for within-survey difference in herd size compared to sampled farms |
| Scotland | Sampled farms | 110 | 186 | - |
| (i) Denominator population | 346 | 155 | 0.198 |
| (ii) All non-sampled farms | 236 | 140 | 0.074 |
| (iii) Farms that opted out at either the preliminary letter, or phone stage | 99 | 103 | 0.002 |
| (iv) Farms that were not phoned | 100 | 162 | 0.775 |
| (v) Farms that were reserved | 37 | 166 | 0.839 |
| England & Wales | Sampled farms | 160 | 81 | - |
| (i) Denominator (a): Farms available for phone recruitment | 848 | 56 | 0.008 |
| (i) Denominator (b): All farms in the original sampling frame | 1264 | 55 | 0.004 |
| (ii) All non-sampled farms | 1101 | 51 | 0.001 |
| (iii) Farms that opted out at either the preliminary letter, or phone stage | 668 | 52 | 0.001 |
| (iv) Farms that were not phoned | 282 | 44 | <0.001 |
| (v) Farms that were reserved | 151 | 87 | 0.937 |
|  | Farms that were excluded from analyses due to sample transfer delay | 3 | - | - |