**SI Table 2.** Overview of some farm characteristics per husbandry system

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| --- | --- | --- | --- |
|  | **INTENSIVE** | **SEMI** | **PASTURE**  |
| Separate areas | no  | yes: feeding area, activity area, lying area | structured by trees and location of the drinker(s)  |
| Floor type | fully-slatted floor  | deep-littered lying area and slatted or solid floor in feeding area  | grass/soil |
| Straw bedding | no | yes | no |
| Outdoor run | no | no | n.a. |
| Number of animals per group | 5 – 10 | 4 – 14 | 9 – 31 |
| Space allowance per animal  | 2.9 m2(2.2 – 4.2 m2) | 3.9 m2(2.9 – 5.5 m2) | ~ 1250 m2(250 – 3800 m2) |
| Feeding system | total mixed ration  | total mixed ration  | grass plus total mixed ration (2 farms with day grazing only); grass only on the farm with continuous pasturing  |