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 2 Table 2: Farm income, animal welfare and attitude outputs of the simulation model; the mean (μ) and
 3 variation (Var; \pm) for farm income (FI), total costs (TCO), total revenues (TRE), total animal welfare score
 4 (TWS) and total attitude score (TAS) for the default situation and the different measures.

Measure ^a	μ FI	Var FI	μ TCO	Var TCO	μ TRE	Var TRE	μ TWS ^b	Var TWS	μ TAS ^c	Var TAS
Default	-38177	0	5514	0	5132.2	0	1555	0	32.7	0
PM1	-36475	1545	5497	15.4	5188.2	280.7	1556	0.2	33.6	0.5
PM2	-37850	1562	5511	15.6	5177.0	305.7	1580	11.4	33.1	0.2
PM3	-36762	1498	5500	15.0	5165.8	306.0	1583	12.9	33.6	0.5
PM4	-37322	1493	5505	14.9	5165.8	311.6	1628	13.7	33.0	0.1
TB1	-39607	74	5528	0.7	5132.2	0.0	1580	0.0	35.9	1.8
TB2	-41218	151	5544	1.5	5132.2	0.0	1692	24.9	38.3	2.3
TB3	-41895	185	5551	1.9	5132.2	0.0	1739	36.0	39.6	3.2
TB4	-39959	88	5532	0.9	5132.2	0.0	1716	35.8	39.0	3.0
IH1	-39712	353	5529	3.5	5132.2	0.0	1770	57.9	41.8	6.4
IH2	-39916	279	5531	2.8	5132.2	0.0	1709	61.4	34.4	2.0
IH3	-40814	334	5540	3.3	5132.2	0.0	1706	58.4	35.1	2.3
IH4	-39950	578	5532	5.8	5132.2	0.0	1809	65.8	39.6	3.9

5 ^a Measure abbreviations: PM: piglet mortality, TB: tail biting, IH: indoor housing gestating sows, PM1: camera
 6 surveillance farrowing pen, PM2: jute sack provision sow, PM3: straw provision sow, PM4: sow habituation, TB1: tail
 7 docking with analgesia, TB2: biting material for weaned piglets, TB3: straw playing area for weaned piglets, TB4:
 8 chopped straw provision for weaned piglets, IH1: free range outside area, IH2: straw provision, IH3: straw provision
 9 and window, IH4: straw provision, window and increased group size.

10 ^b AWS: animal welfare score with a maximal possible score of 2700 (27 animal welfare features times a maximum
 11 score of 100).

12 ^c TAS: attitude score with a maximal possible score of 125 (25 attitude features times a maximum score of 5).
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