

1 Table 3: Mean (μ) technical efficiencies (TE) and 95% confidence intervals (CI) resulting from 1,000 data envelopment analysis runs under variable
 2 returns to scale with impacts on farm income (FI), animal welfare (AW) and/or attitudes toward sow husbandry (AT) for the default situation and
 3 measures for sow husbandry.

		For impact on..	Default	PM1*	PM2	PM3	PM4	TB1	TB2	TB3	TB4	IH1	IH2	IH3	IH4
TE	μ	FI, AW and AT	.966	.993	.979	.990	.992	.975	.987	.994	.992	.999	.986	.986	1.000
	μ	AW and AT	.908	.987	.957	.985	.987	.884	.944	.973	.965	.996	.946	.940	1.000
	μ	AT	.824	.981	.903	.969	.940	.820	.868	.909	.897	.983	.756	.770	.993
CI	Lower bound	FI, AW and AT	.966	.992	.978	.989	.991	.975	.987	.993	.991	.999	.986	.985	1.000
	Upper bound		.967	.994	.980	.991	.993	.976	.988	.994	.992	.999	.986	.986	1.000
	Lower bound	AW and AT	.907	.986	.954	.983	.989	.882	.942	.972	.963	.995	.945	.939	1.000
	Upper bound		.909	.989	.957	.986	.990	.886	.945	.974	.966	.997	.947	.941	1.000
	Lower bound	AT	.820	.978	.897	.966	.945	.815	.863	.904	.892	.980	.751	.765	.991
	Upper bound		.828	.983	.903	.972	.948	.825	.873	.913	.902	.985	.762	.776	.995

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