

1 Appendix V: Inputs for the attitude module; the mean negative attitude (NA) levels per aspect for the default situation and the  
 2 increase or decrease in NA levels compared to the default situation and the variation (Var;  $\pm$ ) per measure for sow husbandry.

Aspect	NA <sup>a</sup>		Increase or decrease in NA per measure and their variation																								
	Default	$\mu$ PM1 <sup>b</sup>	Var PM1	$\mu$ PM2	Var PM2	$\mu$ PM3	Var PM3	$\mu$ PM4	Var PM4	$\mu$ TB1	Var TB1	$\mu$ TB2	Var TB2	$\mu$ TB3	Var TB3	$\mu$ TB4	Var TB4	$\mu$ HS1	Var HS1	$\mu$ HS2	Var HS2	$\mu$ HS3	Var HS3	$\mu$ HS4	Var HS4		
<u>Animals</u>																											
Disease/infection/injuries	3.8	-0.8	0.3	-0.3	0.2	-0.6	0.3	-0.2	0.1	-0.8	0.3	-0.5	0.3	-0.8	0.5	-0.8	0.5	-1.2	0.5	-0.4	0.2	-0.5	0.3	-0.8	0.5		
Mortality	3.6	-0.8	0.3	-0.3	0.2	-0.6	0.3	-0.5	0.3	-0.5	0.3	-0.2	0.1	-0.5	0.3	-0.5	0.3	-1.2	0.5	-0.4	0.2	-0.5	0.3	-0.8	0.5		
Fear/anxiety	3.8	-0.8	0.3	-0.8	0.3	-0.6	0.3	-0.2	0.1	-1.3	0.4	-0.8	0.3	-1	0.4	-0.8	0.3	-1.5	0.5	-0.4	0.2	-0.5	0.3	-1	0.5		
Pain	3.9	-0.8	0.3			-0.6	0.3	-0.2	0.1	-0.8	0.4	-0.8	0.3	-1	0.5	-0.8	0.3	-1.2	0.5	0	0	0	0	-0.8	0.5		
Number of kept animals	3.9	-0.25	0.25									-0.6	0.3	-0.5	0.2	-0.4	0.2	-1.2	0.8	0	0	0	0	-1	0.5		
Environmental enrichment	3.6	<sup>c</sup>		-0.4	0.15	-0.7	0.5					-0.7	0.3	-1.2	0.5	-0.8	0.4	-1.8	0.5	-0.6	0.4	-0.8	0.5	-1.2	0.5		
Number of animals per m2	3.9											-0.6	0.3			-0.6	0.3	-1.5	0.5	-0.4	0.3	-0.5	0.3	-1	0.5		
Floor cover	3.8					-0.7	0.5							-1.2	0.5	-1	0.4	-1.5	0.5	-0.8	0.6	-1	0.5	-1	0.5		
Possibility of going outside	4.0																	-3	0.8					-1.5	0.5		
Tail docking	3.7									-1	0.5	-2.1	0.5	-2.1	0.5	-2.1	0.5										
Number of litters per sow	3.6	-0.25	0.25									-0.2	0.1	-0.3	0.1	-0.2	0.1										
Litter size	3.6	-0.25	0.25					-0.2	0.1			-0.2	0.1	-0.3	0.1	-0.2	0.1										
Care for individual animal	3.8	-0.8	0.3	-0.2	0.1	-0.5	0.3			-0.6	0.3	-1.2	0.5	-1.3	0.5	-1	0.5	-1.5	0.5	-0.6	0.4	-0.8	0.5	-1.2	0.5		
<u>Humans</u>																											
Enough income	3.6									0.15	0.15			0.2	0.15	0.1	0.1	0.5	0.3	0.15	0.15	0.15	0.15	0.1	0.1		
Working conditions	3.5													0.15	0.15	0.1	0.1	0.4	0.3	0.15	0.15	0.15	0.15	0.2	0.1		
Health risks	3.8																										
Physical burdon	3.5																			0.15	0.15	0.15	0.15	0	0.3		
Product price	3.3	0.15	0.15							0.2	0.1	0.1	0.1	0.2	0.1	0.1	0.1	0.8	0.5	0.3	0.1	0.3	0.1	0.2	0.1		
Freedom of choice	3.4																	-0.5	0.3	0.3	0.1	0.3	0.1	-0.3	0.1		
Food safety risks	4.0									0.1	0.1																
Public health risks	4.0																	0.6	0.4								
<u>Environment</u>																											
Environmental waste	4.0																	0.4	0.2								
Smell	3.6																	0.7	0.5								
Change in infrastructure	3.7																	-0.3	0.6								
Image landscape	3.6																	-0.3	0.6								

3 <sup>a</sup> Negative attitude levels are on a scale of 1 (no negative attitude) to 5 (maximum negative attitude).

4 <sup>b</sup> 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.

8 <sup>c</sup> When no value is given it was assumed to be the same value as in the default situation.