

1 **Appendix**

2 Percentages of herds¹ (n = 491) that were downgraded and upgraded by 1 or 2 overall welfare
3 categories when individual values at measure level within the criterion ‘absence of diseases’ were
4 replaced with theoretical worst and best values per measure

Measures	Observed worst score	Observed best score
	% downgraded 1 category	% upgraded 1 category
Number of coughs/cow/minute	2	0
% cows with nasal discharge	2	0
% cows with ocular discharge	2	0
% cows with hampered respiration	1	0
% cows with diarrhoea	2	0
% cows with vulvar discharge	2	0
% cows with SCC >400.000	2	1
% cows mortality	2	1
% calvings with dystocia	1	0
% downer cows	1	1

5 ¹Percentages were based on the herds that were actually able to shift one or two categories. For
6 downgrades of 1 category n = 482, for downgrades of 2 categories n = 174. For upgrades of 1
7 category n = 491.

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