

Supplementary Table S2. Schematic table used for recording the inspective clinical examination per pen.

Pen Number _____ Date _____

Ear Tag	MS ¹	BCS ²	CS ³	SL	LS ⁴	RF ⁵	N cough ⁶	ND ⁷	OD ⁸	Other
		1 6 2 7 3 8 4 9 5	0 1 2		0 1 2 3			<ul style="list-style-type: none"> • Present/Absent • Bilateral/Monolateral • Mucous/Hemorrhagic/Purulent 	<ul style="list-style-type: none"> • Present/Absent • Bilateral/Monolateral • Mucous/Hemorrhagic/Purulent 	
		1 6 2 7 3 8 4 9 5	0 1 2		1 2 3 4			<ul style="list-style-type: none"> • Present/Absent • Bilateral/Monolateral • Mucous/Hemorrhagic/Purulent 	<ul style="list-style-type: none"> • Present/Absent • Bilateral/Monolateral • Mucous/Hemorrhagic/Purulent 	
		1 6 2 7 3 8 4 9 5	0 1 2		1 2 3 4			<ul style="list-style-type: none"> • Present/Absent • Bilateral/Monolateral • Mucous/Hemorrhagic/Purulent 	<ul style="list-style-type: none"> • Present/Absent • Bilateral/Monolateral • Mucous/Hemorrhagic/Purulent 	
		1 6 2 7 3 8 4 9 5	0 1 2		1 2 3 4			<ul style="list-style-type: none"> • Present/Absent • Bilateral/Monolateral • Mucous/Hemorrhagic/Purulent 	<ul style="list-style-type: none"> • Present/Absent • Bilateral/Monolateral • Mucous/Hemorrhagic/Purulent 	
		1 6 2 7 3 8 4 9 5	0 1 2		1 2 3 4			<ul style="list-style-type: none"> • Present/Absent • Bilateral/Monolateral • Mucous/Hemorrhagic/Purulent 	<ul style="list-style-type: none"> • Present/Absent • Bilateral/Monolateral • Mucous/Hemorrhagic/Purulent 	
		1 6 2 7 3 8 4 9 5	0 1 2		1 2 3 4			<ul style="list-style-type: none"> • Present/Absent • Bilateral/Monolateral • Mucous/Hemorrhagic/Purulent 	<ul style="list-style-type: none"> • Present/Absent • Bilateral/Monolateral • Mucous/Hemorrhagic/Purulent 	

Abbreviations: MS=Mental status; BCS=Body condition score; CS=cleanness scoring; SL=Skin lesions; LS=Locomotion scoring; RF=respiratory findings; ND=nasal discharge; OD=ocular discharge.

¹ the following nomenclatures were used to describe the mental status: alert, dullness, stupor, coma (Lorenz et al., 2011)

² based on the Guide to Body Condition Scoring Beef Cows and Bulls, Kansas State University (Farney et al., 2016).

³ has in consideration the cleanness of flanks including tail and lower hindlimb; score 0 = no dirt or only minor fresh or dried splashing, score 1= an area of dirtiness at least palm size (10 x 15cm), score 2= an area of dirtiness amounting to at least forearm length (40cm) in any dimension; scoring system adapted from AHDB available from

<https://projectblue.blob.core.windows.net/media/Default/Imported%20Publication%20Docs/Cleanliness%20scorecard%20optimal%20dairy%20systems.pdf>

⁴ based on Zinpro Step-Up Beef Cattle Locomotion Scoring System

⁵ Including the respiratory pattern and respiratory frequency (Baumgartner and Wittek, 2017).

⁶ Number of spontaneous coughs in an interval of 10 minutes.

⁷ the type of nasal discharge was classified as following: absent or present; if present monolateral or bilateral; mucous/hemorrhagic/purulent.

⁸ the type of ocular discharge was classified as following: absent or present; if present monolateral or bilateral; mucous or purulent.