Corrigendum: Association Between Recycled Manure Solids Bedding and Subclinical Mastitis Incidence: A Canadian Cohort Study

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A Corrigendum on

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In the original article, there were mistakes in **Tables 2**, **3**, and **4** as published. Data alignment problems were present in these tables. The corrected **Tables 2**, **3**, and **4** appears below.

The authors apologize for these errors and state that this does not change the scientific conclusions of the article in any way. The original article has been updated.

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TABLE 2 | Impact of bedding on the cow's mean lactation linear score estimated using a generalized linear mixed model using the data from 15,161 lactations of 11,031 cows from 20 recycled manure solids (RMS) farms and 60 straw-bedded farms.

	Coefficient	SE	CI	p
Intercept[†]	2.37	0.06	2.25, 2.49	
Bedding type				
RMS	0.10	0.15	−0.20, 0.40	0.50
Straw	Ref			
Housing type[‡]				
Free stall	0.25	0.17	−0.09, 0.59	0.15
Tie stall	Ref			
Bedding depth[**]				
≥10 cm	−0.06	0.19	−0.44, 0.32	0.77
<10 cm	Ref			
Stall age[‡,*]	0.09	0.04	0.01, 0.17	0.04
Herd size[*,**]	−0.11	0.04	−0.2, −0.02	0.01
Variance				
Farm	0.11			
Cow	0.93			
Lactation	1.88			

[†] Stall age and herd size were centered on 5 years and 100 cows, respectively. The intercept, therefore, represents the cows' mean LS for a cow in a 100 milking cows herd that had renovated its stalls 5 years ago.

[‡] Coefficient represent an increase of 10 years.

[*] Coefficient represent an increase of 100 cows.

[**] Putative confounders.

TABLE 3 | Impact of bedding type on the risk of a DHI test with a linear score >4.0 in 11,031 cows from 20 RMS farms and 60 straw-bedded farms and estimated using a generalized linear mixed model.

	Coefficient	SE	p	IR	CI[§]
Intercept[†]	−1.71	0.06			
Bedding type					
RMS	−0.07	0.16	0.65	0.93	0.68, 1.28
Straw	Ref				
Housing type[**]					
Free stall	−0.04	0.17	0.82	0.96	0.69, 1.34
Tie stall	Ref				
Bedding depth[**]					
≥10 cm	0.09	0.19	0.65	1.09	0.75, 1.59
<10 cm	Ref				
Stall age[‡,**]	0.07	0.04	0.08	1.07	0.99, 1.19
Herd size[*,**]	−0.14	0.11	0.22	0.87	0.70, 1.08
Herd size^2	8.20E-6	0.00	<0.01		
Herd size^3	−8.26E-9	0.00	<0.01		
Variance					
Farm	0.10				

[§] Confidence interval of the incidence ratio (IR).

[†] Stall age and herd size were centered on 5 years and 100 cows, respectively. The intercept, therefore, represents the cow's log risk of having a linear score >4.0 for a cow in a 100 milking cow herd that had renovated its stalls 5 years ago.

[‡] Coefficient represent an increase of 10 years.

[*] Coefficient represent an increase of 100 cows.

[**] Putative confounders.

TABLE 4 | Risk of acquiring a new subclinical mastitis as function of bedding type estimated using a generalized linear mixed model applied to 43,546 pairs of DHI tests from 11,031 cows from 20 RMS farms and 60 straw-bedded farms.

	Coefficient	SE	p	IR	CI[§]
Intercept[†]	−5.88	0.06			
Bedding type					
RMS	−0.31	0.16	0.05	0.73	0.54, 1.00
Straw	Ref				
Housing type[**]					
Free stall	0.22	0.18	0.24	1.24	0.88, 1.77
Tie stall	Ref				
Bedding depth[**]					
≥10 cm	0.17	0.18	0.36	1.19	0.83, 1.69
<10 cm	Ref				
Stall age[‡,**]	0.05	0.04	0.16	1.05	0.97, 1.14
Herd size[*,**]	0.05	0.10	0.64	1.05	0.86, 1.28
Herd size^2	−0.10E-4	0.00	<0.01		
Herd size^3	1.58E-8	0.00	<0.01		
Variance					
Farm	0.08				

[§]Confidence interval of the incidence ratio (IR).

[†]Stall age and herd size were centered on 5 years and 100 cows, respectively. The intercept, therefore, represents the cow's log risk of acquiring a new subclinical mastitis for a cow in a 100 milking cows herd that had renovated its stalls 5 years ago.

[‡]Coefficient represent an increase of 10 years.

[*]Coefficient represent an increase of 100 cows.

[**]Putative confounders.