

SUPPLEMENTARY MATERIAL

Prevalence of *Salmonella* in free-range pigs: risk factors and intestinal microbiota composition

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Table S1. Contingency table with results of *Salmonella* identification by ISO 6579:2002/Amend. 1:2007 (ISO) and/or PCR-*invA* using MRSV as DNA source (PCR).

	ISO +	ISO -	Totals
PCR +	47	11	58
PCR -	0	122	122
Totals	47	133	180

Table S2. Classification of farms by *Salmonella* prevalence in the intestinal content of free-range pigs and the risk factors associated by univariable analysis.

Farms characteristics			Risk factors		
Farm code	<i>Salmonella</i> prevalence	Number of animals/farm (n) ¹	Dry feed Diet	Extra-Diet	Silo's cleaning and disinfection
1	86.7%	140 (n=10)	A	Grass	Shallow/No
2	53.3%	130	B	Acorn	Shallow/No
3	46.7%	160 (n=5)	A	Grass	Shallow/No
4	46.7%	140	A	Grass	Shallow/No
5	40%	110	A	Acorn	Shallow/No
6	33.3%	140	A	Grass	Shallow/No
7	26.7%	80	A	Grass	Shallow/No
8	26.7%	120	A	Grass	Shallow/No
9	20%	140	B	Chestnut and Beechnut	Frequent/Yes
10	6.7%	100	B	Acorn	Frequent/Yes
11	0	100 (n=10)	B	Acorn	Frequent/Yes
12	0	100 (n=10)	C	Chestnut and Beechnut	Shallow/No

¹ Farms and number of pigs (n) selected for the microbiome study, showing high (n=15) or null (n=20) *Salmonella* prevalence.