

Supplementary Table 1. Odour emission factors (EF) for livestock buildings proposed for Spain by Ubeda *et al.* (2010)

Animal species	Animal category	Confinement	Odour EF (OU place ⁻¹ s ⁻¹) ^(a)
Poultry	Broilers	Loose	0.11
	Laying hens	Caged	0.49
	Laying hens	Aviary	0.24
Swine	Nursery	Pens, crates	41.4
	Farrowing	Pens, crates	4.87
	Finishing	Loose, pens	14.7
	Gestation	Crates	16.3
	Boars	Pens	26.2
	Gilts	Pens	12.1
Beef	Calves	Open lot	39.7
	Steer	Open lot	44.2
Dairy	Cows	Open lot, freestall, tiestall	46.5
	Heifers	Open lot	15.0
Sheep	Ewes	Freestall	7.8
	Lamb	Open lot	1.95
Goat	Adults	Freestall	18.8
	Lactating	Open lot	5.7

^(a) 1 OU m⁻³ is the odour concentration equivalent to 40 ppb/vol of n-butanol