

Table S1. Assessment of bias in the data used and in the weighed mean effect sizes.

Response variable ¹	Bias in the dataset		Bias in the weighed mean effect size	
	Trim-and-Fill ²	Egger's test P value ³	Estimate and 95%CI ⁴	Inference ⁵
FCR	28	0.7065	O: -0.0690 (-0.1483; +0.0103) A: +0.0681 (-0.0065; +0.1427)	NEB
PFG	0	0.7144	O: -0.0744 (-0.1479; -0.0010) A: -0.0744 (-0.1479; -0.0010)	NEB
CAR	10	0.1036	O: +0.1867 (-0.1261; +0.4996) A: +0.4946 (+0.0861; +0.9030)	NEB
BLR	15	<0.0001	O: -0.0072 (-0.0174; +0.0029) A: -0.0216 (-0.0335; -0.0096)	B
MKV	14	0.0005	O: -0.0626 (-0.0996; -0.0255) A: -0.1050 (-0.1487; -0.0613)	NEB

¹ FCR, feed conversion ratio; PFG, protein-to-fat gain ratio; CAR, carcass yield (%); BLR, breast-to-leg quarters ratio; MKV, market value (\$/bird).

² Estimated number of missing data rows.

³ Bias if P < 0.05.

⁴ 95%CI, 95% confidence interval; O, original dataset; A, dataset including the set of missing values estimated with the Trim-and-Fill method.

⁵ NEB, no evidence of bias; B, biased.