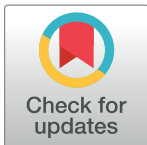


CORRECTION

Correction: Social environment during egg laying: Changes in plasma hormones with no consequences for yolk hormones or fecundity in female Japanese quail, *Coturnix japonica*

Esther M. A. Langen, Nikolaus von Engelhardt, Vivian C. Goerlich-Jansson

There are errors in [Table 1](#). Standard deviation is reported instead of standard error of the mean (SEM) for post-challenge stress protocol. Erroneous mean and SEM values are present for group-housed females in the GnRH challenge. Please see the corrected [Table 1](#) here.



OPEN ACCESS

Citation: Langen EMA, von Engelhardt N, Goerlich-Jansson VC (2018) Correction: Social environment during egg laying: Changes in plasma hormones with no consequences for yolk hormones or fecundity in female Japanese quail, *Coturnix japonica*. PLoS ONE 13(6): e0199115. <https://doi.org/10.1371/journal.pone.0199115>

Published: June 11, 2018

Copyright: © 2018 Langen et al. This is an open access article distributed under the terms of the [Creative Commons Attribution License](#), which permits unrestricted use, distribution, and reproduction in any medium, provided the original author and source are credited.

Table 1. Measures of pair-housed and group-housed females and their offspring, with sample sizes.

Measure		Pair-housed females				Group-housed females			
		Mean ± 1 SEM	n	Excluded	Missing sample	Mean ± 1 SEM	n	Excluded	Missing sample
Female weight, day 65		235.09 g	17 ♀♀	7 ♀♀		230.10 g	33 ♀♀	3 ♀♀	
		± 5.35				± 2.60	11 groups	1 group	
Female weight, day 87		243.85 g	13 ♀♀	11 ♀♀		241.67 g	12 ♀♀	24 ♀♀	
		± 6.64				± 6.41	4 groups	8 groups	
Age at first egg		45.48 days	23 ♀♀	1 ♀		45.47 days	36 ♀♀		
		± 0.74				± 0.57	12 groups		
Total nr of eggs collected		0.66 eggs/♀/day	361 eggs	1 ♀		0.60 eggs/♀/day	533 eggs		
		± 0.02	23 ♀♀			± 0.02	12 groups		
Egg mass		10.17 g	324 eggs	1 ♀		10.33 g	531 eggs		
		± 0.06	23 ♀♀			± 0.04	12 groups		
Stress protocol	Baseline	2.77 ng/ml	14 ♀♀	6 ♀♀	4 ♀♀	2.12 ng/ml	24 ♀♀	3 ♀♀	9 ♀♀
		± 0.22				± 0.14	11 groups		
	Post-challenge	13.05 ng/ml	14 ♀♀			11.05 ng/ml	22 ♀♀	1 group	11 ♀♀
		± 1.66				± 1.65	11 groups		
Yolk mass		2.78 g	51 eggs	6 ♀♀		2.78 g	73 eggs	6 ♀♀	
		± 0.04	18 ♀♀			± 0.03	10 groups	2 groups	
Yolk T	Concentration	5.02 pg/mg	17 eggs	6 ♀♀	1 ♀	5.81 pg/mg	24 eggs	6 ♀♀	
		± 0.89				± 0.86			
	Total	14.07 ng	17 ♀♀			15.86 ng	10 groups	2 groups	
		± 2.55				± 2.29			
GnRH challenge	Baseline	0.67 ng/ml	16 ♀♀	7 ♀♀	1 ♀	0.51 ng/ml	22 ♀♀	12 ♀♀	2 ♀♀
		± 0.05				± 0.03	8 groups		
	Post-challenge	0.72 ng/ml	16 ♀♀			0.56 ng/ml	22 ♀♀	4 groups	
		± 0.05				± 0.03	8 groups		
Eggs for F1	Eggs collected	6.89 eggs/♀	124 eggs	5 ♀♀	1 ♀ ¹	6.46 eggs/♀	155 eggs	6 ♀♀	6 ♀♀ ¹
		± 0.31							
	Eggs fertilized	6.06 eggs/♀	18 ♀♀			5.08 eggs/♀	8 groups	2 groups	
		± 0.30			± 0.55				
	Eggs hatched	3.72 eggs/♀				2.88 eggs/♀			
		± 0.46				± 0.52			
F1 offspring	Mass at hatching	7.18 g	66 chicks	5 ♀♀	2 ♀♀ ^{1, 2}	7.10 g	69 chicks	6 ♀♀	10 ♀♀ ^{1, 2}
		± 0.08							
	Tarsus at hatching	12.93 mm	17 ♀♀			12.77 mm	20 ♀♀	2 groups	
		± 0.06			± 0.07	8 groups			

¹male infertile;

²females without offspring

<https://doi.org/10.1371/journal.pone.0199115.t001>

Reference

- Langen EMA, von Engelhardt N, Goerlich-Jansson VC (2017) Social environment during egg laying: Changes in plasma hormones with no consequences for yolk hormones or fecundity in female Japanese quail, *Coturnix japonica*. PLoS ONE 12(5): e0176146. <https://doi.org/10.1371/journal.pone.0176146> PMID: 28467428