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PLOS ONE

Correction

Correction: Influence of the Temperature and the Genotype of the *HSP90AA1* Gene over Sperm Chromatin Stability in Manchega Rams

The *PLOS ONE* Staff

The figures have been corrected for improved readability.
Please see the corrected Figure 1 here.

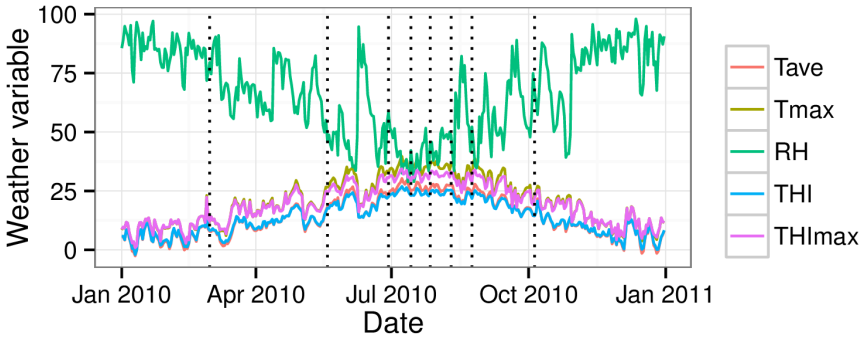

Figure 1. Trends of daily average (Tave, °C) and maximun (Tmax, °C) temperatures, relative humidity (RH, %) and average (THI) and maximum (THImax) temperature humidity index along the year 2010 (Data from SIAR http://crea.uclm.es/siar/datmeteo/**).** Dotted lines are days of semen collection.
doi:10.1371/journal.pone.0086107.g001

Citation: The *PLOS ONE* Staff (2014) Correction: Influence of the Temperature and the Genotype of the *HSP90AA1* Gene over Sperm Chromatin Stability in Manchega Rams. PLoS ONE 9(4): e95407. doi:10.1371/journal.pone.0095407

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Please see the corrected Figure 2 here.

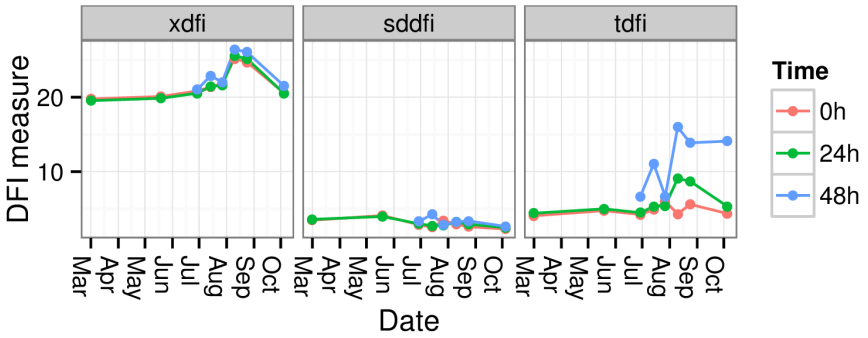


Figure 2. Changes in xDFI, sdDFI and tDFI values with the incubation time (0 h, 24 h and 48 h) along the period of the year from which sperm samples were collected.
doi:10.1371/journal.pone.0086107.g002

Please see the corrected Figure 3 here.

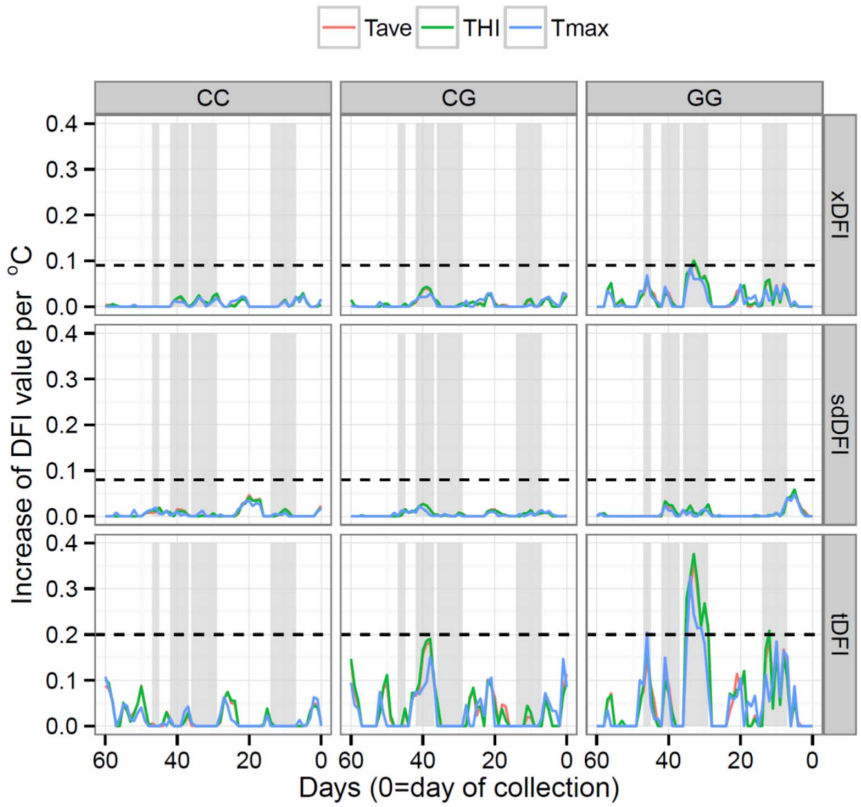
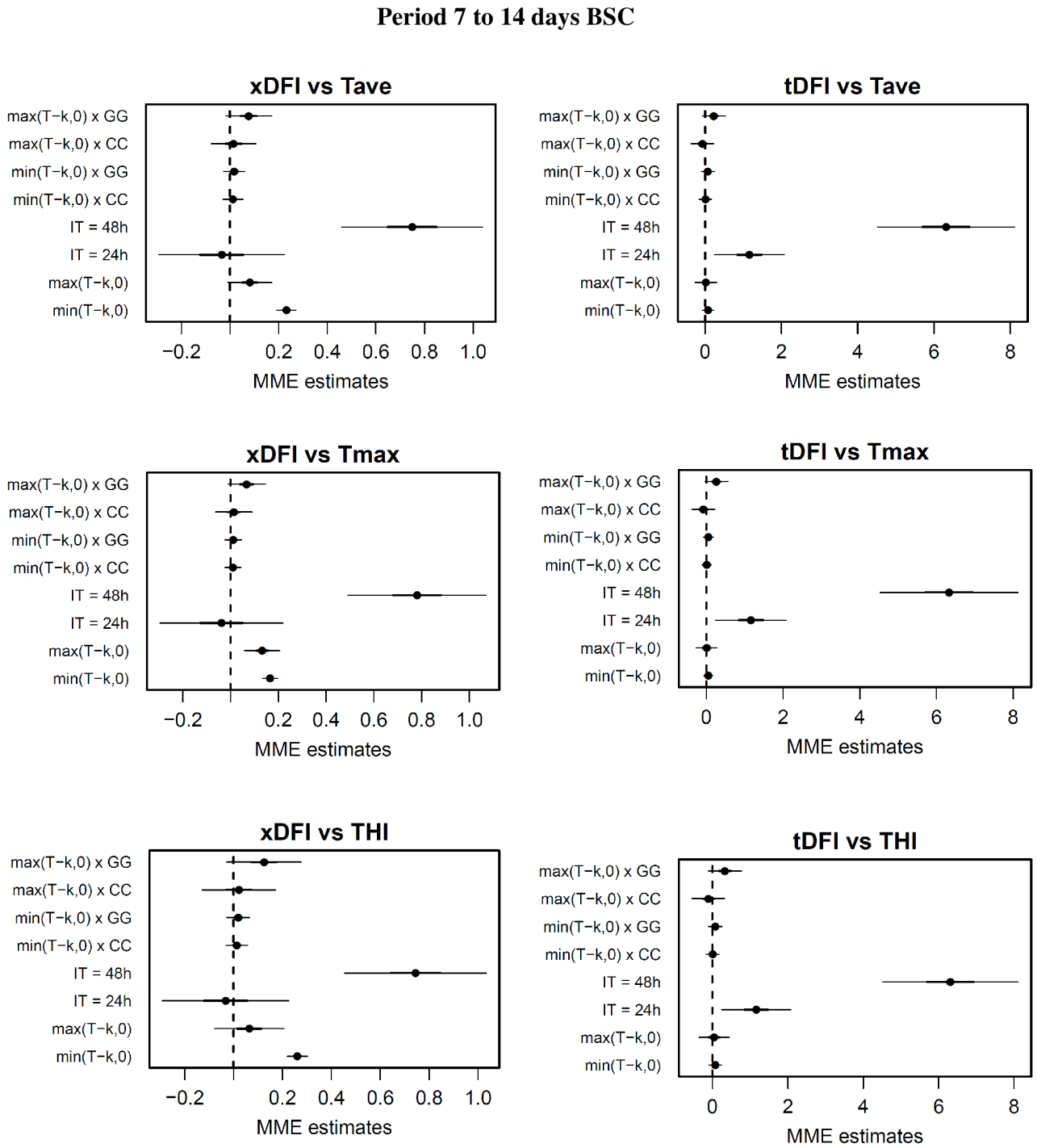


Figure 3. Ridge regression analyses relating DFI measures (xDFI, sdDFI and tDFI) from day 60 prior to semen collection to date of collection with weather measures (Tave = average daily temperature, Tmax = maximum daily temperature, and THI = temperature humidity index), for each HSP90AA1 genotype. Fitted effects extending beyond dotted-lines (---) differ significantly ($P<0.05$) from zero. Four regions (gray regions) with a significant possible effect on sperm DFI levels were identified.
doi:10.1371/journal.pone.0086107.g003

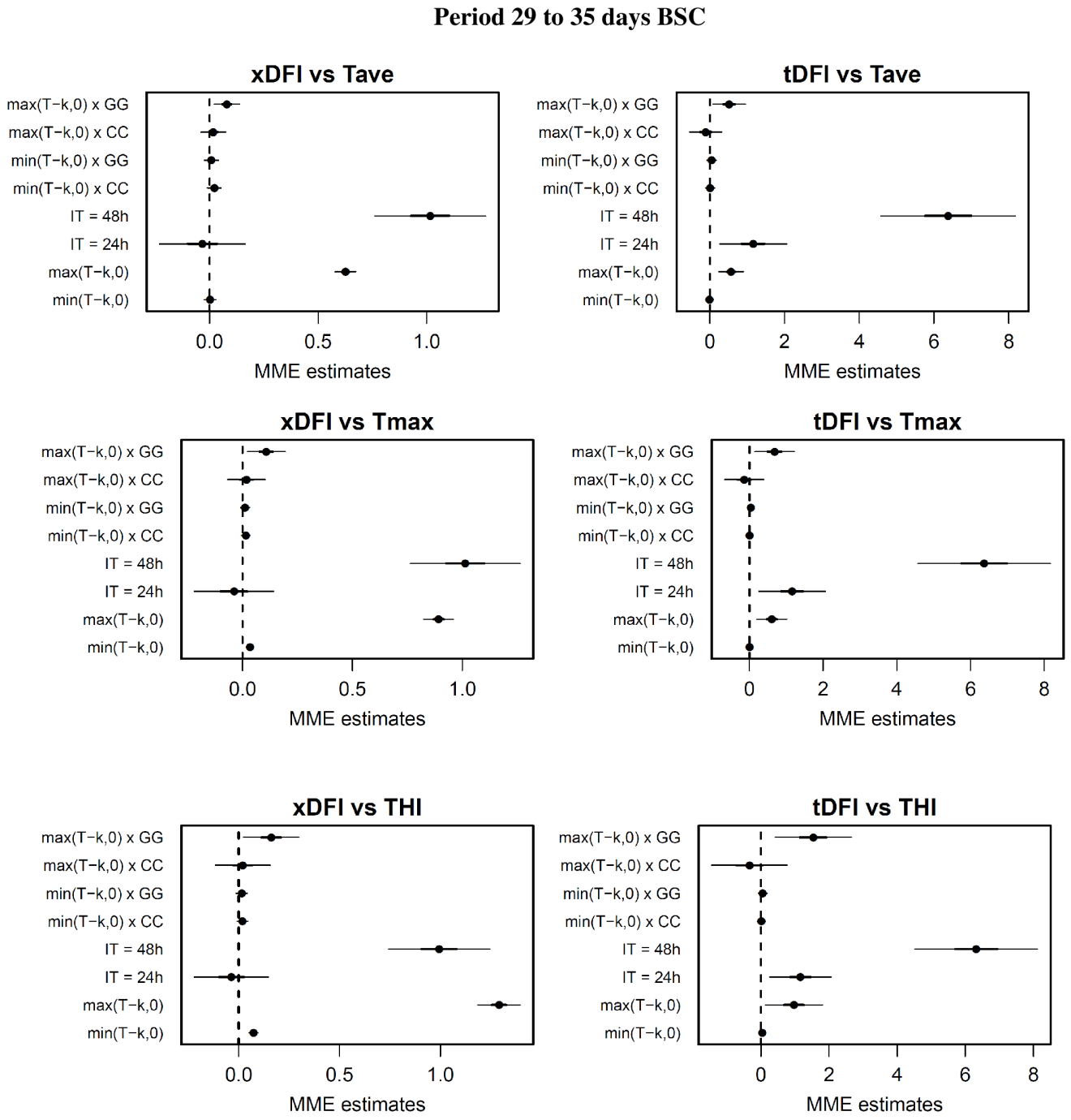
Please see the corrected Figure 4 here.



min(T-k,0): temperature effect below a threshold (k); *max(T-k,0)*: temperature effect above a threshold (k); *IT*: incubation time; *min(T-k,0)×CC* and *min(T-k,0)×GG*: interaction between temperature effect below a threshold and the *HSP90AA1* genotype; *max(T-k,0)×CC* and *max(T-k,0)×GG*: interaction between temperature effect above a threshold and the *HSP90AA1* genotype.

Figure 4. Regression coefficients from the mixed-effects model relating DFI values with summary measure of Tave, Tmax and THI for the days 7 to 14 before semen collection. For each coefficient in the model, estimates (points) plus and minus 1 (bold line) and 2 (thin line) standard deviations are represented. *
doi:10.1371/journal.pone.0086107.g004

Please see the corrected Figure 5 here.



min(T-k,0): temperature effect below a threshold (k); *max(T-k,0)*: temperature effect above a threshold (k); *IT*: incubation time; *min(T-k,0)×CC* and *min(T-k,0)×GG*: interaction between temperature effect below a threshold and the *HSP90AA1* genotype; *max(T-k,0)×CC* and *max(T-k,0)×GG*: interaction between temperature effect above a threshold and the *HSP90AA1* genotype.

Figure 5. Regression coefficients from the mixed-effects model relating DFI values with summary measure of Tave, Tmax and THI for the days 29 to 35 before semen collection. For each coefficient in the model, estimates (points) plus and minus 1 (bold line) and 2 (thin line) standard deviations are represented. *
doi:10.1371/journal.pone.0086107.g005

Reference

1. Ramón M, Salces-Ortiz J, González C, Pérez-Guzmán MD, Garde JJ, et al. (2014) Influence of the Temperature and the Genotype of the HSP90AA1 Gene over Sperm Chromatin Stability in Manchega Rams. PLoS ONE 9(1): e86107. doi:10.1371/journal.pone.0086107