

SUPPLEMENTARY ELECTRONIC MATERIAL

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CARBON  $\Delta^{13}\text{C}$  ISOTOPIC MARKER VALUES CORRELATE WITH  
CAROTENOID-BASED BILL COLOURATION IN ADULT YELLOW-  
LEGGED GULLS *LARUS MICHAEHELLIS*

UN MARCADOR ISOTÓPICO DEL CARBONO  $\Delta^{13}\text{C}$  SE CORRELACIONA CON LA  
COLORACIÓN GENERADA POR CAROTENOIDES EN LA GAVIOTA  
PATIAMARILLA *LARUS MICHAEHELLIS*

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**TABLE A1**

Beta-parameter estimates ( $\pm$  SE; below:  $P$ -values) of the full models predicting different dependent variables. Reference beta-parameter values ( $\beta = 0$ ): Sex = Female, Colony = Getaria. For egg volume models, only females were considered.

*[Beta-parámetros estimados ( $\pm$  SE; abajo:  $P$ -valores) de los modelos saturados que predicen las diferentes variables dependientes. Valores de referencia de los beta-parámetros ( $\beta = 0$ ): Sexo = Hembra; Colonia = Getaria. Para los modelos del volumen de los huevos sólo se consideraron hembras.]*

Covariates/Factors:	Body mass	Bill yellow intensity	Eye ring redness	Spot redness	Spot area	Egg volume
Intercept	255.22 $\pm$ 35.83 $P = 0.480$	- 41.58 $\pm$ 10.35 $P < 0.001$	3.39 $\pm$ 20.06 $P = 0.867$	2.32 $\pm$ 15.66 $P = 0.883$	-0.89 $\pm$ 1.33 $P = 0.509$	55.72 $\pm$ 25.84 $P = 0.052$
PC1 Grey		1.26 $\pm$ 0.45 $P = 0.009$	-0.46 $\pm$ 0.69 $P = 0.506$	-0.35 $\pm$ 0.68 $P = 0.614$		
Tarsus	2.98 $\pm$ 4.92 $P = 0.551$					
Culmen-Height					-0.00 $\pm$ 0.00 $P = 0.312$	
Sex: Male	114.67 $\pm$ 26.43 $P < 0.001$	0.73 $\pm$ 0.90 $P = 0.423$	0.62 $\pm$ 1.39 $P = 0.657$	-2.72 $\pm$ 1.36 $P = 0.055$	0.16 $\pm$ 0.20 $P = 0.430$	
Colony: Santa Clara	30.24 $\pm$ 23.35 $P = 0.207$	0.60 $\pm$ 1.10 $P = 0.591$	-1.19 $\pm$ 1.73 $P = 0.498$	1.05 $\pm$ 1.67 $P = 0.534$	0.17 $\pm$ 0.13 $P = 0.204$	-4.41 $\pm$ 2.88 $P = 0.151$
Colony: Ulia	58.54 $\pm$ 23.80 $P = 0.021$	0.45 $\pm$ 1.10 $P = 0.686$	-5.93 $\pm$ 1.67 $P = 0.002$	-2.42 $\pm$ 1.67 $P = 0.158$	0.11 $\pm$ 0.13 $P = 0.403$	-8.26 $\pm$ 2.77 $P = 0.011$
N-winter	13.14 $\pm$ 7.01 $P = 0.072$	0.13 $\pm$ 0.34 $P = 0.716$	-0.01 $\pm$ 0.61 $P = 0.992$	0.15 $\pm$ 0.52 $P = 0.770$	0.05 $\pm$ 0.04 $P = 0.265$	-0.18 $\pm$ 0.84 $P = 0.832$
C-winter	-9.05 $\pm$ 8.42 $P = 0.293$	0.20 $\pm$ 0.41 $P = 0.627$	0.66 $\pm$ 0.76 $P = 0.392$	0.58 $\pm$ 0.62 $P = 0.352$	-0.13 $\pm$ 0.05 $P = 0.013$	-1.34 $\pm$ 1.01 $P = 0.207$