

ONLINE APPENDICES

Appendix A. Two-way analysis of variance of gland sizes across age categories by gender

Width§ (<i>Lavene's</i> test: $p=0.21$; adjusted $R^2=0.19$)	Sum of squares	Degrees of freedom	Mean square	<i>F</i>	P value
Gender	0.10	1	0.10	1.03	0.31
Age	4.20	2	2.10	21.93	<0.0001
Gender*age	0.19	2	0.09	0.97	0.38
Within (error)	17.06	178	0.10		
Total	466.41	184			
Height (<i>Lavene's</i> test: $p=0.57$; adjusted $R^2=0.14$)	Sum of squares	Degrees of freedom	Mean square	<i>F</i>	P value
Gender	0.54	1	0.54	0.70	0.41
Age	22.75	2	11.38	14.74	<0.0001
Gender*age	0.95	2	0.48	.62	0.54
Within (error)	137.43	178	0.77		
Total	1844.05	184			
Area† (<i>Lavene's</i> test: $p=0.072$; adjusted $R^2=0.22$)	Sum of squares	Degrees of freedom	Mean square	<i>F</i>	P value
Gender	0.15	1	0.15	0.20	0.66
Age	40.84	2	20.42	26.20	<0.0001
Gender*age	1.93	2	0.97	1.24	0.29
Within (error)	138.70	178	0.78		
Total	2324.86	184			

§Weight was log transformed to meet the homoscedasticity assumption.

†Square root of area was taken to meet the homoscedasticity assumption.

Appendix B. Post hoc tests of the difference between age categories: Tukey's honestly significant difference test

Age categories (months)	Age categories (months)	Width (p value)	Height (p value)	Area (p value)
[0, 20)	[20, 40)	<0.0001	<0.0001	<0.0001
	[40, 60]	<0.0001	<0.0001	<0.0001
[20, 40)	[0, 20)	<0.0001	<0.0001	<0.0001
	[40, 60]	0.99	0.97	0.97
[40, 60]	[0, 20)	<0.0001	<0.0001	<0.0001
	[20, 40)	0.99	0.97	0.97