

This is an electronic appendix to the Biology Letter by Koehler et al. 2004 The relationship between sexual dimorphism in human faces and fluctuating asymmetry. *Proc. R. Soc. Lond. B (Suppl.)* **271**, S233–S236. (DOI 10.1098/rsbl.2003.0146.)

Electronic appendices are refereed with the text. However, no attempt has been made to impose a uniform editorial style on the electronic appendices.

### Electronic Appendix A

Table 2. Sexual dimorphism in various facial traits (to the nearest pixel) from 94 males and 100 females. \*  $p < .05$ , \*\*  $p < .01$ , \*\*\*  $p < .001$

Trait	Sex	Mean	Std. Dev.	t (d.f. = 192)
face area below pupils	male	80383	6377	10.83***
	female	70030	6899	
eye area	male	1157	201	0.13
	female	1153	200	
lip area	male	3634	817	3.37***
	female	3252	763	
chin area	male	4897	715	11.21***
	female	3771	684	
eyebrow height	male	36	8	-4.19***
	female	42	12	
cheekbone width	male	354	22	4.60***
	female	341	19	

jaw width	male	315	23	6.10***
	female	296	20	
nostril width	male	96	16	5.87***
	female	86	8	
lower face length	male	298	16	11.19***
	female	273	16	

Note: eyebrow height only has df = 191 because one participant had no visible eyebrows

Table 3. Factor analysis used to calculate the sexual dimorphism score.

	Axis 1	Axis 2	Axis 3	Axis 4
EigenValue	4.02	1.31	1.04	0.95
Variance explained	44.67%	14.51%	11.57%	10.50%
	Rotated Factor loadings		Standard Score Coefficients	
	Factor 1	Factor 2	Factor 1	Factor 2
Face	0.92	0.33	0.23	0.08
Chin	0.70	0.09	0.20	-0.05
Lip	0.41	0.68	0.02	0.42
Cheekbone	0.83	0.13	0.23	-0.04
Jaw	0.84	0.11	0.24	-0.06
Nostril	0.20	0.67	-0.05	0.44
Eyebrow	-0.40	0.71	-0.24	0.57
Lower face	0.79	0.19	0.21	0.01
Eye	0.03	0.05	0.00	0.03