

	<b>Metopic (n=17)</b>	<b>Controls (n=65)</b>
<i>Male</i>	12	40
<i>Female</i>	5	25
<i>Mean Age (months)</i>	$23.9 \pm 8.7$	$33.8 \pm 8.8$

Table S1: Patient demographics

	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>	<b>6</b>	<b>7</b>	<b>8</b>
$\beta$	-7.391	-2.345	-2.315	2.401	-2.014	1.296	-1.055	-2.797
<i>P-Value</i>	0.0001	0.056	0.001	0.000	0.001	0.026	0.004	0.000

Table S2: Estimates and p-values for the regression coefficients using our model.

	<b>Misclassifications</b>	<b>Sum of differences</b>	<b>Avg. relative error per scan</b>	<b>P-value</b>
<i>3D model</i>	194/306	274	0.323	p=0.019
<i>IFA</i>	221/306	406	0.470	

Table S3: Different rating reconstruction errors comparing our model with the IFA model.

<b>Author</b>	<b>Measurement</b>
Bottero et al. <sup>17</sup>	Ratio of interparietal to intercoronal distance
Oi et al. <sup>3</sup>	Nasopterion Angle
Posnick et al. <sup>18</sup>	Interorbital distance Bitemporal Width
Diluna et al. <sup>19</sup>	Intercanthal Distance to midfacial width ratio Endocranial bifrontal angle
Beckett et al. <sup>20</sup>	Interzygomaticofrontal suture Interdacryon distance
Ruiz-correa et al. <sup>21</sup>	Trigonocephaly severity index

Table S4: Previous Objective Measures