Additional file 1

|  |
| --- |
| Additional file 1: Table S1. Linear measurement definition |
| Tr-GN’-Me’N’-SnSn-Me’Tra\_R-Go’\_R/Tra\_L-Go’\_LLs-LiSto-Me’Sl-Me’Sn-Tra\_R/Sn-Tra\_LGo’-Me’\_R/Go’-Me’\_LTra\_R-Tra\_LGo’\_R-Go’\_L Zy\_R-Zy\_LCk\_R-Ck\_LEx\_R-Ex\_LEn\_R-En\_LCh\_R-Ch\_LAl\_R-Al\_L | anterior forehead heightanterior facial heightanterior upper facial heightanterior lower facial heightRight/left posterior facial heightLip heightmandibular heightchin heightRight/left facial depthRight/left mandible lengthfacial widthmandibular widthinter-zygomatic widthbuccal widthouter canthic diameterInner canthic diameterlip widthnasal width |

|  |
| --- |
| Additional file 1: Table S2. Angular measurement definition |
| G-N’-PrnN’-Sn-Pg’N’-Prn-Pg’Sn-N’-SlPrn-Sn-LsLi-Sl-Pg’Go’\_R-Pg’-Go’\_LLs-Sto-LiTra\_R-Go\_R-Me’/Tra\_L-Go\_L-Me’ | nasal frontal anglesoft tissue facial convexity anglenasal convexity anglesoft tissue ANB anglenasal convexity anglechin-lip anglemandibular convexity anglelip angleRight/left mandibular angle |

|  |
| --- |
| Additional file 1: Table S3. Ratio measurement definition |
| N’-Sn/N’-Me’Sn-Me’/N’-Me’N’-Sn/Sn-Me’Sto-Me’/N’-Me’Sl-Me’/N’-Me’N’-Me’/Tra\_R-Go’\_RN’-Me’/Tra\_L-Go’\_LN’-Sn/Tra\_R-Go’\_RN’-Sn/Tra\_L-Go’\_LSn-Me’/Tra\_R-Go’\_RSn-Me’/Tra\_L-Go’\_LCh\_R-Ch\_L/Ls-LiEx\_R-Ex\_L/Tra\_R-Tra\_LEx\_R-Ex\_L/Go’\_R-Go’\_LGo’\_R-Go’\_L/Tra\_R-Tra\_LSn-Tra\_R/Sn-Tra\_LGo’-Me’\_R/Go’-Me’\_L | anterior upper facial height/anterior facial heightanterior lower facial height/anterior facial heightanterior upper facial height/anterior lower facial heightmandibular height/anterior facial heightchin height/anterior facial heightanterior facial height/right posterior facial heightanterior facial height/left posterior facial heightanterior upper facial height/right posterior facial heightanterior upper facial height/left posterior facial heightanterior lower facial height/right posterior facial heightanterior lower facial height/left posterior facial heightlip width/lip heightouter canthic diameter/facial widthouter canthic diameter/mandibular widthmandibular width/facial widthRight facial depth/left facial depthRight mandible length/left mandible length |

|  |
| --- |
| Additional file 1: Table S4. Intraexaminer Correlation Coefficients |
| Landmarks | X | Y | Z |
| Tr | 0.996 | 1.000 | 1.000 |
| G | 1.000 | 0.997 | 1.000 |
| N’ | 1.000 | 1.000 | 1.000 |
| Prn | 1.000 | 1.000 | 0.999 |
| C | 1.000 | 1.000 | 1.000 |
| Sn | 1.000 | 1.000 | 1.000 |
| Ls | 1.000 | 1.000 | 1.000 |
| Sto | 1.000 | 1.000 | 1.000 |
| Li | 1.000 | 1.000 | 1.000 |
| Sl | 1.000 | 0.998 | 1.000 |
| Pg’ | 1.000 | 1.000 | 1.000 |
| Me’ | 0.998 | 1.000 | 1.000 |
| Ex\_R | 1.000 | 1.000 | 1.000 |
| Ex\_L | 1.000 | 1.000 | 1.000 |
| En\_R | 1.000 | 1.000 | 1.000 |
| En\_L | 1.000 | 1.000 | 1.000 |
| Os\_R | 1.000 | 1.000 | 1.000 |
| Os\_L | 1.000 | 1.000 | 1.000 |
| Or\_R | 1.000 | 1.000 | 1.000 |
| Or\_L | 1.000 | 1.000 | 1.000 |
| Chk\_R | 0.998 | 1.000 | 0.999 |
| Chk\_L | 0.989 | 0.997 | 1.000 |
| Zy\_R | 1.000 | 1.000 | 0.999 |
| Zy\_L | 1.000 | 0.998 | 0.999 |
| Tra\_R | 1.000 | 1.000 | 1.000 |
| Tra\_L | 1.000 | 1.000 | 1.000 |
| Al\_R | 1.000 | 1.000 | 1.000 |
| Al\_L | 1.000 | 1.000 | 1.000 |
| Ch\_R | 1.000 | 1.000 | 1.000 |
| Ch\_L | 1.000 | 1.000 | 1.000 |
| Go\_R | 0.983 | 0.998 | 1.000 |
| Go\_L | 0.999 | 0.999 | 0.999 |