

Research papers using Viewbox for analysis (partial list):

1997-2015

1. Baccetti T, Antonini A, Franchi L, Tonti M, Tollaro I. Glenoid fossa position in different facial types: a cephalometric study. *Br J Orthod* 1997;24:55-9.
2. Baccetti T, Franchi L. Shape-coordinate and tensor analysis of skeletal changes in children with treated Class III malocclusions. *Am J Orthod Dentofacial Orthop* 1997;112:622-633.
3. Franchi L, Baccetti T, McNamara JA. Shape-coordinate analysis of skeletal changes induced by rapid maxillary expansion and facial mask therapy. *Am J Orthod Dentofacial Orthop* 1998;114:418-426.
4. Kazandjian S, Sameshima GT, Champlin T, Sinclair PM. Accuracy of video imaging for predicting the soft tissue profile after mandibular set-back surgery. *Am J Orthod Dentofacial Orthop* 1999;115:382-9.
5. Baccetti T, Franchi L, McNamara JA Jr. Thin-plate spline analysis of treatment effects of rapid maxillary expansion and face mask therapy in early Class III malocclusions. *Eur J Orthod* 1999;21:275-81.
6. Raadsheer MC, van Eijden TM, van Ginkel FC, Prahl-Andersen B. Contribution of jaw muscle size and craniofacial morphology to human bite force magnitude. *J Dent Res* 1999;78:31-42.
7. Franchi L, Baccetti T, McNamara JA Jr. Thin-plate spline analysis of mandibular growth. *Angle Orthod* 2001;71:83-9.
8. Papadopoulos MA, Athanasiou AE, Peitsinis V, Ioannidou-Marathiotou I. Cephalometric evaluation of structural characteristics of mandibular rotation in individuals with Class III malocclusion and mandibular prognathism. *Hellenic Orthod Rev* 2001;4:81-102.
9. Baccetti T, Franchi L, Mc Namara JA Jr. An improved version of the cervical vertebral maturation (CVM) method for the assessment of mandibular growth. *Angle Orthod* 2002;72:316-23.
10. Faltin KJ, Faltin RM, Baccetti T, Franchi L, Ghiozzi B, McNamara JA Jr. Long-term effectiveness and treatment timing for Bionator therapy. *Angle Orthod* 2003;73:221-30.
11. Katsavrias EG. A method for integrating facial cephalometry and corrected lateral tomography of the temporomandibular joint. *Dentomaxillofac Radiol* 2003;32:93-6.
12. Katsavrias EG. The Effect of Mandibular Protrusive (Activator) Appliances on Articular Eminence Morphology. *Angle Orthod* 2003;73:647-53.

13. Halazonetis DJ. Morphometrics for cephalometric diagnosis. *Am J Orthod Dentofacial Orthop* 2004;125:571-81.
14. Papadopoulos MA, Mavropoulos A, Karamouzos A. Cephalometric changes following simultaneous first and second maxillary molar distalization using a non-compliance intraoral appliance. *J Orofac Orthop* 2004;65:123-36.
15. Mavropoulos A, Bresin A, Kiliaridis S. Morphometric analysis of the mandible in growing rats with different masticatory functional demands: adaptation to an upper posterior bite block. *Eur J Oral Sci* 2004;112:259-266.
16. Katsavrias EG, Halazonetis DJ. Condyle and fossa shape in Class II and Class III skeletal patterns: a morphometric tomographic study. *Am J Orthod Dentofacial Orthop* 2005;128:337-46.
17. Mavropoulos A, Karamouzos A, Kiliaridis S, Papadopoulos MA. Efficiency of noncompliance simultaneous first and second upper molar distalization: a three-dimensional tooth movement analysis. *Angle Orthod.* 2005;75:532-9.
18. Leonardi M, Armi P, Baccetti T, Franchi L, Caltabiano M. Mandibular growth in subjects with infraoccluded deciduous molars: a superimposition study. *Angle Orthod* 2005;75:927-34.
19. Antonini A, Marinelli A, Baroni G, Franchi L, Defraia E. Class II malocclusion with maxillary protrusion from the deciduous through the mixed dentition: a longitudinal study. *Angle Orthod* 2005;75:980-6.
20. Ioannidou-Marathiotou I, Papadopoulos MA. Assessment of cephalometric analyses used for craniofacial complex evaluation: Part I - Sagittal maxillary position. *Hellenic Orthod Rev* 2005;8:15-32.
21. Camporesi M, Franchi L, Baccetti T, Antonini A. Thin-plate spline analysis of arch form in a Southern European population with an ideal natural occlusion. *Eur J Orthod* 2006;28:135-40.
22. Franchi L, Baccetti T. Prediction of individual mandibular changes induced by functional jaw orthopedics followed by fixed appliances in Class II patients. *Angle Orthod* 2006;76:950-4.
23. Katsavrias EG. Morphology of the temporomandibular joint in subjects with Class II Division 2 malocclusions. *Am J Orthod Dentofacial Orthop* 2006;129:470-8.
24. Nasiopoulos AT, Athanasiou AE, Papadopoulos MA, Kolokithas G, Ioannidou I. Premolar root changes following treatment with the banded Herbst appliance. *J Orofac Orthop* 2006;67:261-71.
25. Singleton DA, Buschang PH, Behrents RG, Hinton RJ. Craniofacial growth in growth hormone-deficient rats after growth hormone supplementation. *Am J Orthod Dentofacial Orthop* 2006;130:69-82.

26. Halazonetis DJ. Morphometric evaluation of soft-tissue profile shape. *Am J Orthod Dentofacial Orthop* 2007;131:481-9.
27. Halazonetis DJ. Morphometric correlation between facial soft-tissue profile shape and skeletal pattern in children and adolescents. *Am J Orthod Dentofacial Orthop* 2007;132:450-7.
28. Andredaki M, Koumantanou A, Dorotheou D, Halazonetis DJ. A cephalometric morphometric study of the sella turcica. *Eur J Orthod* 2007;29:449-456.
29. Dicker G, Van Spronsen P, Van Schijndel R, van Ginkel F, Manoliu R, Boom H, Tuinzing DB. Adaptation of jaw closing muscles after surgical mandibular advancement procedures in different vertical craniofacial types: a magnetic resonance imaging study. *Oral Surg Oral Med Oral Pathol Oral Radiol Endod* 2007;103:475-82.
30. Reyneke JP, Bryant RS, Suuronen R, Becker PJ. Postoperative skeletal stability following clockwise and counter-clockwise rotation of the maxillomandibular complex compared to conventional orthognathic treatment. *Br J Oral Maxillofac Surg* 2007;45:56-64.
31. Stalpers MJ, Booij JW, Bronkhorst EM, Kuijpers-Jagtman AM, Katsaros C. Extraction of maxillary first permanent molars in patients with Class II Division 1 malocclusion. *Am J Orthod Dentofacial Orthop* 2007;132:316-23.
32. Oosterkamp BC, Rimmelink HJ, Pruim GJ, Hoekema A, Dijkstra PU. Craniofacial, craniocervical, and pharyngeal morphology in bilateral cleft lip and palate and obstructive sleep apnea patients. *Cleft Palate Craniofac J* 2007;44:1-7.
33. Carrillo R, Rossouw PE, Franco PF, Opperman LA, Buschang PH. Intrusion of multiradicular teeth and related root resorption with mini-screw implant anchorage: a radiographic evaluation. *Am J Orthod Dentofacial Orthop* 2007;132:647-55.
34. Carrillo R, Buschang PH, Opperman LA, Franco PF, Rossouw PE. Segmental intrusion with mini-screw implant anchorage: a radiographic evaluation. *Am J Orthod Dentofacial Orthop* 2007;132:576.e1-6.
35. Abed GS, Buschang PH, Taylor R, Hinton RJ. Maturational and functional related differences in rat craniofacial growth. *Arch Oral Biol* 2007;52:1018-25.
36. Defraia E, Camporesi M, Marinelli A, Tollaro I. Morphometric investigation in the skulls of young adults. *Angle Orthod* 2008;78:641-6.
37. Provatidis CG, Georgiopoulos B, Kotinas A, McDonald JP. Evaluation of craniofacial effects during rapid maxillary expansion through combined in vivo/in vitro and finite element studies. *Eur J Orthod* 2008;30:437-48.

38. Dvortsin DP, Sandham A, Pruim GJ, Dijkstra PU. A comparison of the reproducibility of manual tracing and on-screen digitization for cephalometric profile variables. *Eur J Orthod* 2008;30:586-91.
39. Bills GC, Buschang PH, Ceen R, Hinton RJ. Timing effects of growth hormone supplementation on rat craniofacial growth. *Eur J Orthod* 2008;30:153-62.
40. Chatzigianni A, Halazonetis DJ. Geometric morphometric evaluation of cervical vertebrae shape and its relation to skeletal maturation. *Am J Orthod Dentofacial Orthop* 2009;136:481.e1-481.e9.
41. Baccetti T, Franchi L, Stahl F. Comparison of 2 comprehensive Class II treatment protocols including the bonded Herbst and headgear appliances: a double-blind study of consecutively treated patients at puberty. *Am J Orthod Dentofacial Orthop* 2009;135:698.e1-10.
42. Staudt CB, Kiliaridis S. A nonradiographic approach to detect Class III skeletal discrepancies. *Am J Orthod Dentofacial Orthop* 2009;136:52-8.
43. Mayer Y, Machtei EE. Divergence correction associated with implant placement: a radiographic study. *Int J Oral Maxillofac Implants* 2009;24:1033-9.
44. Abed Y, Har-Zion G, Redlich M. Lip posture following debonding of labial appliances based on conventional profile photographs. *Angle Orthod* 2009;79:235-9.
45. van Vlijmen OJ, Bergé SJ, Swennen GR, Bronkhorst EM, Katsaros C, Kuijpers-Jagtman AM. Comparison of cephalometric radiographs obtained from cone-beam computed tomography scans and conventional radiographs. *J Oral Maxillofac Surg* 2009;67:92-7. doi: 10.1016/j.joms.2008.04.025.
46. van Vlijmen OJ, Bergé SJ, Bronkhorst EM, Swennen GR, Katsaros C, Kuijpers-Jagtman AM. A comparison of frontal radiographs obtained from cone beam CT scans and conventional frontal radiographs of human skulls. *Int J Oral Maxillofac Surg* 2009;38:773-8. doi: 10.1016/j.ijom.2009.02.024.
47. van Vlijmen OJ, Maal TJ, Bergé SJ, Bronkhorst EM, Katsaros C, Kuijpers-Jagtman AM. A comparison between two-dimensional and three-dimensional cephalometry on frontal radiographs and on cone beam computed tomography scans of human skulls. *Eur J Oral Sci* 2009;117:300-5. doi: 10.1111/j.1600-0722.2009.00633.x.
48. Koletsis DD, Halazonetis DJ. Cervical vertebrae anomalies in orthodontic patients. A growth-based superimpositional approach. *Eur J Orthod* 2010;32:36-42.
49. van Vlijmen OJ, Maal T, Bergé SJ, Bronkhorst EM, Katsaros C, Kuijpers-Jagtman AM. A comparison between 2D and 3D cephalometry on CBCT scans of human skulls. *Int J Oral Maxillofac Surg* 2010;39:156-60. doi: 10.1016/j.ijom.2009.11.017.

50. De Clerck H, Cevidanes L, Baccetti T. Dentofacial effects of bone-anchored maxillary protraction: a controlled study of consecutively treated Class III patients. *Am J Orthod Dentofacial Orthop* 2010;138:577-81.
51. Liu SS, Kyung HM, Buschang PH. Continuous forces are more effective than intermittent forces in expanding sutures. *Eur J Orthod* 2010;32:371-80.
52. Tsorovas G, Karsten AL. A comparison of hand-tracing and cephalometric analysis computer programs with and without advanced features--accuracy and time demands. *Eur J Orthod* 2010;32:721-8.
53. Damstra J, Huddleston Slater JJ, Fourie Z, Ren Y. Reliability and the smallest detectable differences of lateral cephalometric measurements. *Am J Orthod Dentofacial Orthop* 2010;138:546.e1-8.
54. Halazonetis DJ. Permutation method for evaluating topographical craniofacial correlations. *Am J Orthod Dentofacial Orthop* 2011;139:e211-e217.
55. Gkantidis N, Halazonetis DJ. Morphological integration between the cranial base and the face in children and adults. *J Anat* 2011;218:426-38.
56. Bartzela TN, Katsaros C, Bronkhorst EM, Rizell S, Halazonetis D, Kuijpers-Jagtman AM. A two-centre study on facial morphology in patients with complete bilateral cleft lip and palate at nine years of age. *Int J Oral Maxillofac Surg* 2011;40:782-789.
57. Gkantidis N, Halazonetis DJ, Alexandropoulos E, Haralabakis NB. Contrasting treatment strategies in hyperdivergent Class II div. 1. Is vertical dimension affected? *Am J Orthod Dentofacial Orthop* 2011;140:346-55.
58. Livas C, Halazonetis DJ, Booij JW, Katsaros, C. Extraction of maxillary first molars improves second and third molar inclination in Class II Division 1. *Am J Orthod Dentofacial Orthop* 2011;140:377-82.
59. Bastir M, Rosas A, Gunz P, Peña-Melian A, Manzi G, Harvati K, Kruszynski R, Stringer C, Hublin JJ. Evolution of the base of the brain in highly encephalized human species. *Nat Commun* 2011;2:588.
60. Shaheed S, Iftikhar A, Rasool G, Bashir U. Accuracy of linear cephalometric measurements with scanned lateral cephalograms. *Pakistan Oral & Dental Journal* 2011;31:68-72.
61. Bartzela T, Katsaros C, Rønning E, Rizell S, Semb G, Bronkhorst E, Halazonetis D, Kuijpers-Jagtman AM. A longitudinal three-center study of craniofacial morphology at 6 and 12 years of age in patients with complete bilateral cleft lip and palate. *Clin Oral Investig* 2012;16:1313-24.
62. Thareja V, Shivaprakash G, Shamnur N, Kumar GA. An appraisal of indian profile attractiveness using digital image morphing. *J Ind Orthod Soc* 2012;46:9-16.

63. Johner AM, Pandis N, Dudic A, Kiliaridis S. Quantitative comparison of 3 enamel-stripping devices in vitro: how precisely can we strip teeth? *Am J Orthod Dentofacial Orthop* 2013;143(4 Suppl):S168-72. doi: 10.1016/j.ajodo.2012.10.001.
64. Livas C, Halazonetis DJ, Booij JW, Pandis N, Tu YK, Katsaros, C. Maxillary sinus floor extension and posterior tooth inclination in adolescent patients with Class II Division 1 malocclusion treated with maxillary first molar extractions *Am J Orthod Dentofacial Orthop* 2013;143:479-85.
65. Wellens HLL, Kuijpers-Jagtman AM, Halazonetis DJ. Geometric morphometric analysis of craniofacial variation, ontogeny and modularity in a cross-sectional sample of modern humans. *J Anat* 2013;222:397-409.
66. Polychronis G, Christou P, Mavragani M, Halazonetis DJ. Geometric morphometric 3D shape analysis and covariation of human mandibular and maxillary first molars. *Am J Phys Anthropol* 2013;152(2):186-96.
67. Coquerelle M, Prados-Frutos JC, Rojo R, Mitteroecker P, Bastir M. Short faces, big tongues: developmental origin of the human chin. *PLoS One* 2013;8:e81287. doi: 10.1371/journal.pone.0081287.
68. Valla K, Halazonetis DJ. Correlation of 2D:4D digit ratio and craniofacial shape in prepubertal children. *Am J Hum Biol* 2014;26(3):337-46.
69. Polychronis G, Halazonetis DJ. Shape covariation between the craniofacial complex and first molars in humans. *J Anat* 2014;225:220-31.
70. Franchi L, Pavoni C, Cerroni S, Cozza P. Thin-plate spline analysis of mandibular morphological changes induced by early class III treatment: a long-term evaluation. *Eur J Orthod* 2014;36:425-30.
71. Danz JC, Greuter C, Sifakakis I, Fayed M, Pandis N, Katsaros C. Stability and relapse after orthodontic treatment of deep bite cases-a long-term follow-up study. *Eur J Orthod* 2014;36:522-30. doi: 10.1093/ejo/cjs079.
72. Perinetti G, Caprioglio A, Contardo L. Visual assessment of the cervical vertebral maturation stages: A study of diagnostic accuracy and repeatability. *Angle Orthod* 2014;84:951-6. doi: 10.2319/120913-906.1.
73. Bastir M, García-Martínez D, Estalrrich A, García-Taberner A, Huguet R, Ríos L, Barash A, Recheis W, de la Rasilla M, Rosas A. The relevance of the first ribs of the El Sidrón site (Asturias, Spain) for the understanding of the Neandertal thorax. *J Hum Evol* 2015; pii: S0047-2484(14)00248-6. doi: 10.1016/j.jhevol.2014.10.008.

2016

74. Perinetti G, Sbardella V, Contardo L. Diagnostic reliability of the third finger middle phalanx maturation (MPM) method in the identification of the

- mandibular growth peak. *Eur J Orthod* 2016. doi:
<http://dx.doi.org/10.1093/ejo/cjw059>.
75. Karell MA, Langstaff H, Halazonetis DJ, Minghetti C, Frelat M, Kranioti EF. A novel method for pair-matching using three-dimensional digital models of bone: mesh-to-mesh value comparison. *Int J Legal Med* 2016;130:1315-22. doi: 10.1007/s00414-016-1334-3.
 76. Cocos A, Halazonetis DJ. Craniofacial shape differs in patients with tooth agenesis: geometric morphometric analysis. *Eur J Orthod* 2016 doi: 10.1093/ejo/cjw049
 77. Parcha E, Bitsanis E, Halazonetis DJ. Morphometric covariation between palatal shape and skeletal pattern in children and adolescents: a cross-sectional study. *Eur J Orthod* 2016 doi: 10.1093/ejo/cjw063
 78. Katsadouris A, Halazonetis DJ. Geometric morphometric analysis of craniofacial growth between the ages of 12 and 14 in normal humans. *Eur J Orthod* 2016
 79. Perillo L, Vitale M, Masucci C, D'Apuzzo F, Cozza P, Franchi L. Comparisons of two protocols for the early treatment of Class III dentoskeletal disharmony. *Eur J Orthod* 2016;38:51-56.
 80. Perinetti G, Rosso L, Riatti R, Contardo L. Sagittal and vertical craniofacial growth pattern and timing of circumpubertal skeletal maturation: a multiple regression study. *Biomed Res Int* 2016;2016:1728712.
 81. Abu Ghaida JH, Mistareehi AJ, Mustafa AG, Mistarihi SM, Ghozlan HH. The normal dimensions of the sella turcica in Jordanians: a study on lateral cephalograms. *Folia Morphol (Warsz)* 2017;76:1-9. doi: 10.5603/FM.a2016.0038.
 82. Shirvani A, Sadeghian S, Abbasi S. Prediction of lip response to orthodontic treatment using a multivariable regression model. *Dent Res J (Isfahan)* 2016;13:38-45. doi: 10.4103/1735-3327.174697.
 83. Mislik B, Konstantonis D, Katsadouris A, Eliades T. University clinic and private practice treatment outcomes in Class I extraction and nonextraction patients: A comparative study with the American Board of Orthodontics Objective Grading System. *Am J Orthod Dentofacial Orthop* 2016;149:253-8. doi: 10.1016/j.ajodo.2015.10.012.
 84. Vucic S, Dharmo B, Kuijpers MA, Jaddoe VW, Hofman A, Wolvius EB, Ongkosuwito EM. Craniofacial characteristics of children with mild hypodontia. *Am J Orthod Dentofacial Orthop* 2016;150:611-619. doi: 10.1016/j.ajodo.2016.03.021.
 85. Urbanova W, Klimova I, Brudnicki A, Polackova P, Kroupova D, Dubovska I, Rachwalski M, Fudalej PS. The Slav-cleft: A three-center study of the outcome of treatment of cleft lip and palate. Part 1: Craniofacial morphology.

- J Craniomaxillofac Surg 2016;44:1767-1776. doi: 10.1016/j.jcms.2016.06.010.
86. Dindaroğlu F, Kutlu P, Duran GS, Görgülü S, Aslan E. Accuracy and reliability of 3D stereophotogrammetry: A comparison to direct anthropometry and 2D photogrammetry. *Angle Orthod* 2016;86:487-94. doi: 10.2319/041415-244.1.
 87. Livas C, Halazonetis DJ, Booij JW, Katsaros C, Ren Y. Does fixed retention prevent overeruption of unopposed mandibular second molars in maxillary first molar extraction cases? *Prog Orthod* 2016;17:6. doi: 10.1186/s40510-016-0119-z.
 88. Bassarelli T, Franchi L, Defraia E, Melsen B. Dentoskeletal effects produced by a Jasper Jumper with an anterior bite plane. *Angle Orthod* 2016;86:775-81. doi: 10.2319/110115-737.1.
 89. Franchi L, Pavoni C, Faltin K, Bigliazzi R, Gazzani F, Cozza P. Thin-plate spline analysis of mandibular shape changes induced by functional appliances in Class II malocclusion : A long-term evaluation. *J Orofac Orthop* 2016;77:325-33. doi: 10.1007/s00056-016-0041-5.
 90. Hassan SE, Hajeer MY, Alali OH, Kaddah AS. The Effect of Using Self-ligating Brackets on Maxillary Canine Retraction: A Split-mouth Design Randomized Controlled Trial. *J Contemp Dent Pract* 2016;17:496-503.
 91. Moawad SG, Bouserhal J, Al-Munajed MK. Assessment of the efficiency of Erbium-YAG laser as an assistant method to rapid maxillary expansion: An in vivo study. *Int Orthod* 2016;14:462-475. doi: 10.1016/j.ortho.2016.10.015.
 92. Wellens HL, Kuijpers-Jagtman AM. Connecting the new with the old: modifying the combined application of Procrustes superimposition and principal component analysis, to allow for comparison with traditional lateral cephalometric variables. *Eur J Orthod* 2016;38:569-576.
 93. Le Luyer M, Coquerelle M, Rottier S, Bayle P. Internal Tooth Structure and Burial Practices: Insights into the Neolithic Necropolis of Gurgy (France, 5100-4000 cal. BC). *PLoS One* 2016;11:e0159688. doi: 10.1371/journal.pone.0159688.
 94. Heuzé Y, Kawasaki K, Schwarz T, Schoenebeck JJ, Richtsmeier JT. Developmental and Evolutionary Significance of the Zygomatic Bone. *Anat Rec (Hoboken)* 2016;299:1616-1630. doi: 10.1002/ar.23449.

2017

95. Pavoni C, Paoloni V, Ghislanzoni LTH, Laganà G, Cozza P. Geometric morphometric analysis of the palatal morphology in children with impacted incisors: A three-dimensional evaluation. *Angle Orthod* 2017;87:404-408. doi: 10.2319/071716-557.1.

96. Perinetti G, Sbardella V, Contardo L. Diagnostic reliability of the third finger middle phalanx maturation (MPM) method in the identification of the mandibular growth peak. *Eur J Orthod* 2017;39:194-201. doi: 10.1093/ejo/cjw059.
97. Mucedero M, Vitale M, Franchi L, Cozza P, Perillo L. Comparisons of two protocols for early treatment of anterior open bite. *Eur J Orthod* 2017;39:270-276. doi: 10.1093/ejo/cjw039.
98. Cheng HC, Cheng PC. Factors affecting smile esthetics in adults with different types of anterior overjet malocclusion. *Korean J Orthod* 2017;47:31-38. doi: 10.4041/kjod.2017.47.1.31.
99. Abu Ghaida JH, Mistareehi AJ, Mustafa AG, Mistarihi SM, Ghozlan HH. The normal dimensions of the sella turcica in Jordanians: a study on lateral cephalograms. *Folia Morphol (Warsz)* 2017;76:1-9. doi: 10.5603/FM.a2016.0038.
100. Morris JW, Campbell PM, Tadlock LP, Boley J, Buschang PH. Prevalence of gingival recession after orthodontic tooth movements. *Am J Orthod Dentofacial Orthop* 2017;151:851-859. doi: 10.1016/j.ajodo.2016.09.027.
101. Daraze A, Delatte M, Liistro G, Majzoub Z. Cephalometrics of Pharyngeal Airway Space in Lebanese Adults. *Int J Dent* 2017;2017:3959456. doi: 10.1155/2017/3959456.
102. Daraze A, Delatte M, Bou Saba S, Majzoub Z. Craniofacial characteristics in the sagittal dimension: A cephalometric study in Lebanese young adults. *Int Orthod* 2017;15:114-130. doi: 10.1016/j.ortho.2016.12.001.
103. Paoloni V, Lione R, Farisco F, Halazonetis DJ, Franchi L, Cozza P. Morphometric covariation between palatal shape and skeletal pattern in Class II growing subjects. *Eur J Orthod* 2017;39:371-376. doi: 10.1093/ejo/cjx014.
104. Perinetti G, Bianchet A, Franchi L, Contardo L. Cervical vertebral maturation: An objective and transparent code staging system applied to a 6-year longitudinal investigation. *Am J Orthod Dentofacial Orthop* 2017;151:898-906. doi: 10.1016/j.ajodo.2016.09.026.
105. Rios L, Palancar C, Pastor F, Llidó S, Sanchís-Gimeno JA, Bastir M. Shape change in the atlas with congenital midline non-union of its posterior arch: a morphometric geometric study. *Spine J* 2017. pii: S1529-9430(17)30204-8. doi: 10.1016/j.spinee.2017.05.012.
106. Vasilakos G, Schilling R, Halazonetis D, Gkantidis N. Assessment of different techniques for 3D superimposition of serial digital maxillary dental casts on palatal structures. *Sci Rep* 2017;7:5838. doi: 10.1038/s41598-017-06013-5.
107. van der Plas MC, Janssen KI, Pandis N, Livas C. Twin Block appliance with acrylic capping does not have a significant inhibitory effect on lower incisor proclination. *Angle Orthod* 2017;87:513-518. doi: 10.2319/102916-779.1.

108. Antonarakis GS, Joss CU, Triaca A, Kuijpers-Jagtman AM, Kiliaridis S. Gingival recessions of lower incisors after proclination by orthodontics alone or in combination with anterior mandibular alveolar process distraction osteogenesis. *Clin Oral Investig* 2017. doi: 10.1007/s00784-017-2056-8.
109. Perinetti G, Sossi R, Primožic J, Ierardo G, Contardo L. Diagnostic reliability of mandibular second molar maturation in the identification of the mandibular growth peak: A longitudinal study. *Angle Orthod* 2017;87:665-671. doi: 10.2319/010417-12.1.
110. Huanca Ghislanzoni L, Leemann B, Christou P, Müller F, Schimmel M, Kiliaridis S. Palatal morphology changes in post-stroke patients measured by geometric morphometrics. *J Oral Rehabil* 2017;44:172-177. doi: 10.1111/joor.12484.
111. Owen KM, Campbell PM, Feng JQ, Dechow PC, Buschang PH. Elevation of a full-thickness mucoperiosteal flap alone accelerates orthodontic tooth movement. *Am J Orthod Dentofacial Orthop* 2017;152:49-57. doi: 10.1016/j.ajodo.2016.11.026.
112. Bare-Welchel B, Campbell PM, Gonzalez M, Buschang PH. Effects of bone grafting, performed with corticotomies and buccal tooth movements, on dehiscence formation in dogs. *Am J Orthod Dentofacial Orthop* 2017;151:1034-1047. doi: 10.1016/j.ajodo.2016.10.033.
113. Lione R, Kiliaridis S, Noviello A, Franchi L, Antonarakis GS, Cozza P. Evaluation of masseter muscles in relation to treatment with removable bite-blocks in dolichofacial growing subjects: A prospective controlled study. *Am J Orthod Dentofacial Orthop* 2017;151:1058-1064. doi: 10.1016/j.ajodo.2016.10.035.
114. Herzog C, Konstantonis D, Konstantoni N, Eliades T. Arch-width changes in extraction vs nonextraction treatments in matched Class I borderline malocclusions. *Am J Orthod Dentofacial Orthop* 2017;151:735-743. doi: 10.1016/j.ajodo.2016.10.021.
115. Ledogar JA, Benazzi S, Smith AL, Weber GW, Carlson KB, Dechow PC, Grosse IR, Ross CF, Richmond BG, Wright BW, Wang Q, Byron C, Carlson KJ, De Ruiter DJ, Pryor Mcintosh LC, Strait DS. The Biomechanics of Bony Facial "Buttresses" in South African Australopiths: An Experimental Study Using Finite Element Analysis. *Anat Rec (Hoboken)* 2017;300:171-195. doi: 10.1002/ar.23492.
116. Kappen IFPM, Bittermann GKP, Schouten RM, Bittermann D, Ety E, Koole R, Kon M, Mink van der Molen AB, Breugem CC. Long-term mid-facial growth of patients with a unilateral complete cleft of lip, alveolus and palate treated by two-stage palatoplasty: cephalometric analysis. *Clin Oral Investig* 2017;21:1801-1810. doi: 10.1007/s00784-016-1949-2.
117. Bastir M, García-Martínez D, Williams SA, Recheis W, Torres-Sánchez I, García Río F, Oishi M, Ogihara N. 3D geometric morphometrics of thorax

- variation and allometry in Hominoidea. *Journal of Human Evolution* 2017;113:10-23. doi: 10.1016/j.jhevol.2017.08.002.
118. Coquerelle M, Prados-Frutos JC, Rojo R, Drake AG, Murillo-Gonzalez JA, Mitteroecker P. The Fetal Origin of the Human Chin. *Evol Biol* 2017;44:295. doi: 10.1007/s11692-017-9408-9.
119. Wellens HLL, BeGole EA, Kuijpers-Jagtman AM. ROC surface assessment of the ANB angle and Wits appraisal's diagnostic performance with a statistically derived 'gold standard': does normalizing measurements have any merit? *Eur J Orthod* 2017;39:358-364. doi: 10.1093/ejo/cjx002.
120. Feuerriegel EM, Green DJ, Walker CS, Schmid P, Hawks J, Berger LR, Churchill SE. The upper limb of *Homo naledi*. *J Hum Evol* 2017;104:155-173. doi: 10.1016/j.jhevol.2016.09.013.
121. Pavoni C, Lombardo EC, Franchi L, Lione R, Cozza P. Treatment and post-treatment effects of functional therapy on the sagittal pharyngeal dimensions in Class II subjects. *International Journal of Pediatric Otorhinolaryngology* 2017;101:47-50. doi: 10.1016/j.ijporl.2017.07.032.
122. Bastir M, García Martínez D, Rios L, Higuero A, Barash A, Martelli S, García Tabernero A, Estalrich A, Huguet R, de la Rasilla M, Rosas A. Three-dimensional morphometrics of thoracic vertebrae in Neandertals and the fossil evidence from El Sidrón (Asturias, Northern Spain). *J Hum Evol* 2017;108:47-61. doi: 10.1016/j.jhevol.2017.03.008.
123. Bastir M, García-Martínez D, Torres-Tamayo N, Sanchis-Gimeno JA, O'Higgins P, Utrilla C, Torres Sánchez I, García Río F. In Vivo 3D Analysis of Thoracic Kinematics: Changes in Size and Shape During Breathing and Their Implications for Respiratory Function in Recent Humans and Fossil Hominins. *Anat Rec (Hoboken)* 2017;300:255-264. doi: 10.1002/ar.23503. Epub 2016 Nov 8.
124. Rodríguez-Perez, F.J., et al., A 3D form comparative analysis of the Neandertal glenoid fossa in the context of the genus *Homo*, *Quaternary International* (2017), <http://dx.doi.org/10.1016/j.quaint.2017.07.031>.
125. García-Martínez D, Gil OG, Cambra-Moo O, Canillas M, Rodríguez MA, Bastir M, Martín AG. External and internal ontogenetic changes in the first rib. *Am J Phys Anthropol* 2017;164:750-762. doi: 10.1002/ajpa.23313.

2018

126. Perinetti G, Sverko D, Dal Borgo B, Contardo L. Sagittal and vertical craniofacial growth and attainment of circumpubertal middle phalanx maturation (MPM) stages: A multiple regression study. *South Eur J Orthod Dentofac Res* 2018;5(1):12-17.

127. Perinetti G, Ceschi M, Scalia A, Contardo L. Cephalometric Floating Norms for the β Angle and MMBP-Wits. *BioMed Research International* 2018, article ID 8740731. doi: 10.1155/2018/8740731.
128. Marcy AE, Fruciano C, Phillips MJ, Mardon K, Weisbecker V. Low resolution scans can provide a sufficiently accurate, cost- and time-effective alternative to high resolution scans for 3D shape analyses. *PeerJ* 2018;6:e5032. doi: 10.7717/peerj.5032.
129. Shahen S, Lagravère MO, Carrino G, Fahim F, Abdelsalam R, Flores-Mir C, Perillo L. United Reference Method for three-dimensional treatment evaluation. *Prog Orthod* 2018;19(1):47. doi: 10.1186/s40510-018-0242-0.

2019

130. Mucedero M, Rozzi M, Milazzo A, Cozza P. Morphometric analysis of the palatal shape and arch dimension in subjects with palatally displaced canine. *Eur J Orthod* 2019;41(5):460-467. doi: 10.1093/ejo/cjy080.
131. Mucedero M, Rozzi M, Di Fusco G, Danesi C, Cozza P. Morphometric analysis of the palatal shape and arch dimension in subjects with buccally displaced canine. *Eur J Orthod* 2019 pii: cjz091. doi: 10.1093/ejo/cjz091.
132. Laganà G, Palmacci D, Ruvolo G, Cozza P, Paoloni V. 3D evaluation of maxillary morphology in Marfan growing subjects: a controlled clinical study. *Prog Orthod* 2019;20(1):12. doi: 10.1186/s40510-019-0264-2.
133. Livas C, Delli K, Spijkervet FKL, Vissink A, Dijkstra PU. Concurrent validity and reliability of cephalometric analysis using smartphone apps and computer software. *Angle Orthod* 2019;89(6):889-896. doi: 10.2319/021919-124.1.
134. Tsiminikaki K, Karell MA, Nathena D, Halazonetis D, Spanakis K, Kranioti EF. Three-Dimensional Geometry of Phalanges as a Proxy for Pair-Matching: Mesh Comparison Using an ICP Algorithm. *Adv Exp Med Biol* 2019;1205:55-69. doi: 10.1007/978-3-030-31904-5_4.
135. Pavoni C, Gazzani F, Franchi L, Loberto S, Lione R, Cozza P. Soft tissue facial profile in Class III malocclusion: long-term post-pubertal effects produced by the Face Mask Protocol. *Eur J Orthod* 2019;41(5):531-536. doi: 10.1093/ejo/cjz003.
136. Weisbecker V, Guillerme T, Speck C, Sherratt E, Abraha HM, Sharp AC, Terhune CE, Collins S, Johnston S, Panagiotopoulou O. Individual variation of the masticatory system dominates 3D skull shape in the herbivory-adapted marsupial wombats. *Front Zool* 2019;16:41. doi: 10.1186/s12983-019-0338-5.
137. Henninger E, Vasilakos G, Halazonetis D, Gkantidis N. The effect of regular dental cast artifacts on the 3D superimposition of serial digital maxillary dental models. *Sci Rep* 2019;9:10501. doi: 10.1038/s41598-019-46887-1.

138. Bastir M, García-Martínez D, Torres-Tamayo N, Palancar CA, Fernández-Pérez FJ, Riesco-López A, Osborne-Márquez P, Ávila M, López-Gallo P. Workflows in a Virtual Morphology Lab: 3D scanning, measuring, and printing. *J Anthropol Sci* 2019;96:107-134. doi: 10.4436/JASS.97003.

2020

139. Gkantidis N, Dritsas K, Ren Y, Halazonetis D, Katsaros C. An accurate and efficient method for occlusal tooth wear assessment using 3D digital dental models. *Sci Rep* 2020;10:10103. doi: 10.1038/s41598-020-66534-4.
140. Friedli L, Kloukos D, Kanavakis G, Halazonetis D, Gkantidis N. The effect of threshold level on bone segmentation of cranial base structures from CT and CBCT images. *Sci Rep* 2020;10:7361. doi: 10.1038/s41598-020-64383-9.
141. Oeschger ES, Kanavakis G, Halazonetis DJ, Gkantidis N. Number of teeth is associated with facial size in humans. *Sci Rep* 2020;10:1820. doi: 10.1038/s41598-020-58565-8.
142. Sorrentino R, Carlson KJ, Bortolini E, Minghetti C, Feletti F, Fiorenza L, Frost S, Jashashvili T, Parr W, Shaw C, Su A, Turley K, Wroe S, Ryan TM, Belcastro MG, Benazzi S. Morphometric analysis of the hominin talus: Evolutionary and functional implications. *J Hum Evol* 2020;142:102747. doi: 10.1016/j.jhevol.2020.102747.
143. Sorrentino R, Belcastro MG, Figus C, Stephens NB, Turley K, Harcourt-Smith W, Ryan TM, Benazzi S. Exploring sexual dimorphism of the modern human talus through geometric morphometric methods. *PLoS One* 2020;15:e0229255. doi: 10.1371/journal.pone.0229255.
144. Sorrentino R, Stephens NB, Carlson KJ, Figus C, Fiorenza L, Frost S, Harcourt-Smith W, Parr W, Saers J, Turley K, Wroe S, Belcastro MG, Ryan TM, Benazzi S. The influence of mobility strategy on the modern human talus. *Am J Phys Anthropol* 2020;171:456-469. doi: 10.1002/ajpa.23976.
145. Parikakis K, Larson O, Karsten A. Facial growth in patients with isolated cleft palate treated with minimal incision technique compared to a normal population—a cephalometric study at 10 and 16 years of age. *Eur J Orthod* 2020;42:36-43. doi: 10.1093/ejo/cjz082.
146. Gkantidis N, Dritsas K, Katsaros C, Halazonetis D, Ren Y. 3D Method for Occlusal Tooth Wear Assessment in Presence of Substantial Changes on Other Tooth Surfaces. *J Clin Med* 2020;9:3937. doi: 10.3390/jcm9123937.
147. Nazri A, Agbolade O, Yaakob R, Ghani AA, Cheah YK. A novel investigation of the effect of iterations in sliding semi-landmarks for 3D human facial images. *BMC Bioinformatics*. 2020;21(1):208. doi:10.1186/s12859-020-3497-7

2021

148. Abou Sleiman R, Saadé A. Effect of septal deviation on nasomaxillary shape: A geometric morphometric study. *J Anat* 2021;00:1-13. doi: 10.1111/joa.13479.
149. Roussos P, Mitsea A, Halazonetis D, Sifakakis I. Craniofacial shape in patients with beta thalassaemia: a geometric morphometric analysis. *Sci Rep* 2021;11:1686. doi: 10.1038/s41598-020-80234-z.
150. Kanavakis G, Halazonetis D, Katsaros C, Gkantidis N. Facial shape affects self-perceived facial attractiveness. *PLoS ONE* 2021;16(2): e0245557 doi: 10.1371/journal.pone.0245557.
151. Kanavakis G, Silvola AS, Halazonetis D, Lähdesmäki R, Pirttiniemi P. Profile shape variation and sexual dimorphism amongst middle-aged Northern Europeans. *Eur J Orthod* 2021 doi: 10.1093/ejo/cjab004.
152. Kanavakis G, Silvola AS, Halazonetis D, Lähdesmäki R, Pirttiniemi P. Incisor occlusion affects profile shape variation in middle-aged adults. *J Clin Med* 2021;10:800. doi: 10.3390/jcm10040800.
153. Gkantidis N, Dritsas K, Katsaros C, Halazonetis D, Ren Y. 3D Occlusal ToothWear Assessment in Presence of Limited Changes in Non-Occlusal Surfaces. *Diagnostics* 2021;11:1033. doi: 10.3390/diagnostics11061033.
154. Oliva G, Pinchi V, Bianchi I, Focardi M, Paganelli C, Zotti R, Dalessandri D. Three-Dimensional Dental Analysis for Sex Estimation in the Italian Population: A Pilot Study Based on a Geometric Morphometric and Artificial Neural Network Approach. *Healthcare (Basel)* 2021;10(1):9. doi: 10.3390/healthcare10010009.
155. Acuff AS, Karell MA, Spanakis KE, Kranioti EF. Pair-Matching Digital 3D Models of Temporomandibular Fragments Using Mesh-To-Mesh Value Comparison and Implications for Commingled Human Remains Assemblages. *Adv Exp Med Biol* 2021;1317:1-16. doi: 10.1007/978-3-030-61125-5_1.
156. Pazera C, Gkantidis N. Palatal rugae positional changes during orthodontic treatment of growing patients. *Orthod Craniofac Res.* 2021 Aug;24(3):351-359. doi: 10.1111/ocr.12441.
157. Federici Canova F, Oliva G, Beretta M, Dalessandri D. Digital (R)Evolution: Open-Source Softwares for Orthodontics. *Applied Sciences.* 2021; 11(13):6033. doi: 10.3390/app11136033.

2022

158. Lyros I, Ferdianakis E, Halazonetis D, Lykogeorgos T, Alexiou A, Alexiou K-E, Georgaki M, Vardas E, Yfanti Z, Tsolakis AI. Three-Dimensional Analysis of Posterior Mandibular Displacement in Rats. *Vet Sci* 2022;9,144. doi: 10.3390/vetsci9030144.

159. Hasan A, Zeidan H M, Hajeer M Y, et al. Evaluation of Soft and Hard Tissue Changes Following the Use of Rapid Molar Intruder for the Management of Skeletal Anterior Open Bite in Mixed Dentition: A Randomized Controlled Trial. *Cureus* 2022;14(12): e32826. doi: 10.7759/cureus.32826.
160. Dritsas K, Probst J, Ren Y, Verna C, Katsaros C, Halazonetis D, Gkantidis N. Effect of hydration on the anatomical form of human dry skulls. *Sci Rep.* 2022;12(1):22549. doi: 10.1038/s41598-022-27042-9.
161. Makrygiannakis MA, Vastardis H, Athanasiou AE, Halazonetis DJ. Novel method to delineate palatal rugae and assess their complexity using fractal analysis. *Sci Rep.* 2022;12(1):21749. doi: 10.1038/s41598-022-25910-y.
162. Winkler J, Sculean A, Gkantidis N. Intraoral Scanners for In Vivo 3D Imaging of the Gingiva and the Alveolar Process. *Journal of Clinical Medicine.* 2022;11(21):6389. doi: 10.3390/jcm11216389.
163. Zhou N, Ho JPTF, Visscher WP. et al. Maxillomandibular advancement for obstructive sleep apnea: a retrospective prognostic factor study for surgical response. *Sleep Breath* 2022. doi: 10.1007/s11325-022-02731-x.
164. Perinetti G, Sbardella V, Bertolami V, Contardo L, Primozić J. Circumpubertal maxillomandibular growth in untreated subjects with skeletal Class II relationship: A controlled longitudinal study according to the third finger middle phalanx maturation. *Am J Orthod Dentofacial Orthop.* 2022;162(6):937-946. doi: 10.1016/j.ajodo.2021.07.031.
165. Lione R, Paoloni V, De Razza FC, Pavoni C, Cozza P. Analysis of Maxillary First Molar Derotation with Invisalign Clear Aligners in Permanent Dentition. *Life.* 2022;12(10):1495. doi: 10.3390/life12101495.
166. Probst J, Dritsas K, Halazonetis D, Ren Y, Katsaros C, Gkantidis N. Precision of a Hand-Held 3D Surface Scanner in Dry and Wet Skeletal Surfaces: An Ex Vivo Study. *Diagnostics.* 2022;12(9):2251. doi: 10.3390/diagnostics12092251.
167. Krüsi A, Dritsas K, Kalimeri E, Kloukos D, Gkantidis N. Association of Craniofacial Patterns with the Curve of Spee and the Time Required for Orthodontic Levelling. *Dentistry Journal.* 2022;10(9):175. doi: 10.3390/dj10090175.
168. Cretella Lombardo E, Paoloni V, Fanelli S, Pavoni C, Gazzani F, Cozza P. Evaluation of the Upper Arch Morphological Changes after Two Different Protocols of Expansion in Early Mixed Dentition: Rapid Maxillary Expansion and Invisalign® First System. *Life.* 2022;12(9):1323. doi: 10.3390/life12091323.
169. Pozzan L, Migliorati M, Dinelli L, Riatti R, Torelli L, Di Lenarda R, Contardo L. Accuracy of the digital workflow for guided insertion of orthodontic palatal TADs: a step-by-step 3D analysis. *Prog Orthod.* 2022;23(1):27. doi: 10.1186/s40510-022-00423-6.

170. Figus, C., Stephens, N. B., Sorrentino, R., Bortolini, E., Arrighi, S., Lugli, F., Marciani, G., Oxilia, G., Romandini, M., Silvestrini, S., Baruffaldi, F., Belcastro, M. G., Bernardini, F., Erjavec, I., Festa, A., Hajdu, T., Mateovics-László, O., Novak, M., Pap, I., ... Benazzi, S. Human talar ontogeny: Insights from morphological and trabecular changes during postnatal growth. *American Journal of Biological Anthropology*. 2022;179(2):211– 228. doi: 10.1002/ajpa.24596.
171. Pietrobelli A, Sorrentino R, Notariale V, Durante S, Benazzi S, Marchi D, Belcastro MG. Comparability of skeletal fibulae surfaces generated by different source scanning (dual-energy CT scan vs. high resolution laser scanning) and 3D geometric morphometric validation. *J Anat*. 2022;241(3):667-682. doi: 10.1111/joa.13714.
172. Kanavakis G, Ghamri M, Gkantidis N. Novel Anterior Cranial Base Area for Voxel-Based Superimposition of Craniofacial CBCTs. *Journal of Clinical Medicine*. 2022;11(12):3536. doi: 10.3390/jcm11123536.
173. Pietrobelli A, Sorrentino R, Durante S, Marchi D, Benazzi S, Belcastro MG. Sexual Dimorphism in the Fibular Extremities of Italians and South Africans of Identified Modern Human Skeletal Collections: A Geometric Morphometric Approach. *Biology*. 2022;11(7):1079. doi: 10.3390/biology11071079.

2023

174. Alhayek M, Burhan A, Hajeer M, et al. Evaluation of Local Application of Glucosamine Sulfate and Chondroitin Sulfate on Temporomandibular Joint Response and Alleviation of Pain and Tension During the Functional Treatment of Skeletal Class II Patients: A Randomized Control Clinical Trial. *Cureus* 2023;15(2): e34608. doi: 10.7759/cureus.34608.
175. Krüsi M, Halazonetis DJ, Eliades T, Koretsi V. Covariance patterns between ramus morphology and the rest of the face: A geometric morphometric study. *Korean J Orthod* 2023;53(3):185-193. doi: 10.4041/kjod22.208.
176. Khan RN, Tariq A, Jan A, Pasha H, Ansari F. Hand-Traced versus Digitally-Traced Cephalometric Analysis: A Comparative Study. *Life and Science* 2023;4(2):121-125. doi: 10.37185/LnS.1.1.292.
177. Oxilia G, Zaniboni M, Bortolini E, Sartorio JCM, Bernardini F, Tuniz C, Di Domenico G, Tresić Pavičić D, Los D, Radović S, Balen J, Janković I, Novak M, Benazzi S. Enamel thickness per masticatory phases (ETMP): A new approach to assess the relationship between macrowear and enamel thickness in the human lower first molar. *Journal of Archaeological Science* 2023;153:105776. doi: 10.1016/j.jas.2023.105776.
178. D. Fidalgo, A. Rosas, J. Madurell-Malapeira, A. Pineda, R. Huguet, A. García-Taberner, I. Cáceres, A. Ollé, J. Vallverdú, P. Saladie. A review on the Pleistocene occurrences and palaeobiology of *Hippopotamus antiquus* based on the record from the Barranc de la Boella Section (Francolí Basin,

- NE Iberia). *Quaternary Science Reviews*. 2023;307:108034. doi: 10.1016/j.quascirev.2023.108034.
179. Bianchi I, Oliva G, Vitale G, Bellugi B, Bertana G, Focardi M, Grassi S, Dalessandri D, Pinchi V. A Semi-Automatic Method on a Small Italian Sample for Estimating Sex Based on the Shape of the Crown of the Maxillary Posterior Teeth. *Healthcare*. 2023;11(6):845. doi: 10.3390/healthcare11060845.
180. Loberto S, Paoloni V, Pavoni C, Cozza P, Lione R. Anchorage Loss Evaluation during Maxillary Molars Distalization Performed by Clear Aligners: A Retrospective Study on 3D Digital Casts. *Applied Sciences*. 2023;13(6):3646. doi: 10.3390/app13063646.
181. Ruiz F, Venezia P, Ronsivalle V, Lacagnina C, Conforte C, Isola G, Leonardi R, Lo Giudice A. Geometric Morphometric Analysis of Mandibular Symphysis Growth between 12 and 15 Years of Age in Class II Malocclusion Subjects. *Life*. 2023;13(2):543. doi: 10.3390/life13020543.
182. Abdelsalam R, Nucci L, Carrino R, Shahen S, Abdelaziz F, Fahim F, Perillo L. Comparison of palatal volume and surface changes between bone-borne and tooth-tissue-borne maxillary expansion on cone beam computed tomography digital cast models. *Angle Orthod*. 2023;93(3):282–8. doi: 10.2319/040922-278.1.
183. Lombardo EC, Lione R, Franchi L. et al. Dentoskeletal effects of clear aligner vs twin block—a short-term study of functional appliances. *J Orofac Orthop* 2023. doi: 10.1007/s00056-022-00443-1.
184. Arte S, Pöyhönen M, Myllymäki E, Ronkainen E, Rice DP, Nieminen P. Craniofacial and dental features of Axenfeld-Rieger syndrome patients with PITX2 mutations. *Orthod Craniofac Res*. 2023. doi: 10.1111/ocr.12631.
185. Visscher WP, Ho J-PTF, Zhou N, Ravesloot MJL, Schulten EAJM, Lange Jd, Su N. Development and Internal Validation of a Prediction Model for Surgical Success of Maxillomandibular Advancement for the Treatment of Moderate to Severe Obstructive Sleep Apnea. *Journal of Clinical Medicine*. 2023;12(2):503. doi: 10.3390/jcm12020503.
186. Ho J-PTF, Zhou N, de Lange J. Obstructive Sleep Apnea Resolution in Hypopnea-Predominant versus Apnea-Predominant Patients after Maxillomandibular Advancement. *Journal of Clinical Medicine*. 2023;12(1):311. doi: 10.3390/jcm12010311.
187. Palamenghi A, Cappella A, Cellina M, Mazzarelli D, De Angelis D, Sforza C, Cattaneo C, Gibelli D. 3D-3D Superimposition of Pubic Bones: Expanding the Anthropological Toolkit for the Pair-Matching of Commingled Skeletal Remains. *Biology*. 2023;12(1):30. doi: 10.3390/biology12010030.

188. Dritsas K, Halazonetis D, Ghamri M, Sculean A, Katsaros C, Gkantidis N. Accurate gingival recession quantification using 3D digital dental models. *Clin Oral Investig.* 2023;27(4):1697-1705. doi: 10.1007/s00784-022-04795-1.
189. Zhou N, Ho JPTF, Lobbezoo F, Aarab G, de Vries N, de Lange J. Effects of maxillomandibular advancement on respiratory function and facial aesthetics in obstructive sleep apnoea patients with versus without maxillomandibular deficiency. *Int J Oral Maxillofac Surg.* 2023;52(3):343-352. doi: 10.1016/j.ijom.2022.08.012.
190. Figus C, Stephens NB, Sorrentino R, Bortolini E, Arrighi S, Higgins OA, Lugli F, Marciani G, Oxilia G, Romandini M, Silvestrini S, Baruffaldi F, Belcastro MG, Bernardini F, Festa A, Hajdu T, Mateovics-László O, Pap I, Szeniczey T, Tuniz C, Ryan TM, Benazzi S. Morphologies in-between: The impact of the first steps on the human talus. *Anat Rec (Hoboken).* 2023;306(1):124-142. doi: 10.1002/ar.25010.
191. van Meijeren-van Lunteren AW, Liu X, Veenman FCH, Grgic O, Dharmo B, van der Tas JT, Prijatelj V, Roshchupkin GV, Rivadeneira F, Wolvius EB, Kragt L. Oral and craniofacial research in the Generation R study: an executive summary. *Clin Oral Investig.* 2023. doi: 10.1007/s00784-023-05076-1.
192. Olsen TB, García-Martínez D, Villa C. Testing different 3D techniques using geometric morphometrics: Implications for cranial fluctuating asymmetry in humans. *Am J Biol Anthropol.* 2023;180(1):224-234. doi: 10.1002/ajpa.24657.

2024

193. Perinetti G, Primožic J. Reliability and safety of miniscrew insertion planning with the use of lateral cephalograms assessed on corresponding cone-beam computer tomography images. *Eur J Orthod.* 2024;46(2):cjae003. doi: 10.1093/ejo/cjae003.