**Supplemental II Table S1 - Data Summary from the Articles That Met the Inclusion Criteria**

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Author | Year | Study Region | Reported Ethnicity/Nationality | Separate Data (M/F) | N (male/female) | Ages ± SDOr (Range)Years | Measurements Sites | Measurement Method | Data Collected from study |
| Birnbaum et al. 1 | 2018 | New York, NY, USA | “Hispanic descent”“African descent”“Caucasian” | No | 99 (28/71)44(12/32)23(7/16) | 40.241.934.7 | Frontal Vertex Occipital | Phototrichogram | Density |
| Lewallen et al. 2 | 2015 | Winston-Salem, North Carolina, USA | “African American”“Caucasian” | Yes (F) | 29(0/29)28(0/28) | 42±1144±10 | Frontal | Phototrichogram | Density and Diameter |
| Ishino et al. 3 | 2014 | Yokohama, Japan | “Japanese” | Yes (M) | 115 (115/0) | 31.6±12.4 | Vertex | Phototrichogram | Density |
| Loussouarn et al. 4 | 2016 | Chicago, Illinois, USARio of Janeiro, BrazilParis, FranceNew York, USAMelbourne, AustraliaBeijing, Canton, Shanghai, China & Paris, FranceCopenhagen, DenmarkParis, FranceCape Town, South Africa Mumbai, India Paris, FranceTokyo, JapanNouméa, New CaledoniaSeoul, South KoreaNew York, USABeirut, LebanonMexico City, MexicoParis, FranceLima, PeruVarsovia, PolandSt Petersburg, RussiaGlasgow, ScotlandCape Town & Johannesburg, South AfricaValencia, SpainBangkok, ThailandParis, France | “African-American”“Brazilian”“Caribbean”“Caucasian-American”“Caucasian-Australian”“Chinese”“Danish”“French”“Indian”“Japanese”“Kanak”“Korean”“Latino-American”“Lebanese”“Mexican”“North-African”“Peruvian”“Polish”“Russian”“Scottish”“South-African”“Spanish”“Thai”“Western-African” | No | 64 (24/40)184 (89/95)97 (43/54)55 (27/28)58 (29/29)249 (110/139)70 (34/36)86 (38/48)177 (89/88)56 (27/29)64 (31/33)96 (47/49)58 (30/28)56 (32/24)92 (43/49)85 (43/42)90 (60/20)60 (25/35)59 (29/30)90 (45/45)114 (35/79)50 (23/27)87 (41/46)152 (71/81) | 29±626±527±525±526±525±526±327±525±527±625±525±427±521±326±526±426±525±426±622±326±626±525±425±5 | VertexTemporal Occipital | Phototrichogram | Density (All ethnicities) and Diameter (Some ethnicities) |
| Leerunyakul & Suchonwanit 5 | 2020 | Bangkok, Thailand | “Thai” | Yes | 239 (79/160) | 37.9 ± ? | FrontalVertexTemporalOccipital | Phototrichogram | Density and Diameter |
| Rebora et al. 6 | 2016 | Bari, Bologna, Genoa, and Rome, Italy | Caucasian | Yes | 60 (30/30) | 4-10 | VertexOccipital | Phototrichogram | Density and Diameter |
| L.C. Sperling 7 | 1999 | Bethesda, Maryland | African (Americans)Caucasian (American) | Yes | 22 (12/10)12 (4/8) | 31.7±8.524.7±12.2 | Unspecified | Biopsy | Density |
| D.A. Whiting 8 | 1993 | Dallas, Texas | Caucasian (American) | Yes | 22 (13/9) | 43 | Vertex | Biopsy | Density |
| Franbourg et al. 9 | 2003 | France or the United StatesChina or JapanEurope or Canada | “African”“Asian”“Caucasian” | No | 14 (?/?)4 (?/?)11 (?/?) | ? | Unspecified | “New Optical Device” | Diameter |
| Chen et al. 10 | 2021 | Beijing, China | ”Chinese Han” | Yes | 35 (17/18) | 30.4 | FrontalTemporal Occipital | Phototrichogram | Density |
| Barman et al. 11 | 1965 | Rosario, Argentina | - | No | 39 (17/22) | 16-46 | Unspecified | Trichogram | Density |
| Pecoraro et al. 12 | 1964 | Buenos Aires, Argentina | - | Yes | 20 (7/13) | 3-9 | Unspecified | Trichogram | Density |
| Rushton et al. 13 | 1983 | London, England | “Caucasian”  | Yes | 20 (10/10) | 17-32 | FrontalOccipital | Unit Area Trichogram | Density and Diameter |
| Rojhirunsakool & Suchonwanit 14 | 2017 | Bangkok, Thailand | “Asian” | Yes (F) | 236 (0/236) | 43.2±12.6  | FrontalVertexTemporalOccipital | Phototrichogram | Density and Diameter |
| Tajima et al. 15 | 2007 | Kanagawa, Japan | “Japanese” | Yes (F) | 113 (0/113) | 14-68 | Frontal | Phototrichogram | Density and Diameter |
| Loussouarn 16 | 2001 | Paris, France | “Native of central and western Africa” | Yes | 38 (19/19) | 27±10 | VertexTemporalOccipital | Phototrichogram | Density |
| D.H. Rushton 17 | 1990 | Portsmouth, United Kingdom | “Caucasian” | Yes (F) | 20 (0/20) | 29±9.2 | FrontalOccipital | Unit Area Trichogram | Density |
| Martínez-Luna et al. 18 | 2018 | Mexico City, Mexico | ” Mexican mestizo” | Yes | 50 (25/25) | 34.14±10.57 | Occipital | Biopsy | Density |
| Park et al. 19 | 2017 | Seoul, Korea | ” Korean and had black hair” | Yes | 38 (19/19) | 28 (20-47) | Occipital | Micrometer | Diameter |
| J.E. Kim et al. 20 | 2013 | Seoul, South Korea | ” South Koreans” | Yes | 1357 (674/683) | 10-69 | FrontalVertexTemporalOccipital | Phototrichogram | Density |
| J.H. Ko et al. 21 | 2012 | Guishan District, Taiwan | ” Taiwanese” | Yes | 31 (17/14) | 37±15.3 | FrontalVertex TemporalOccipital | Biopsy | Density |
| Aslani et al. 22 | 2009 | Shiraz, Iran | - | Yes | 30 (21/9) | 35.5±14.7 | Unspecified | Biopsy, cadaver | Density |
| D’Amico et al. 23 | 2001 | Messina, Italy | - | Yes  | 28 (8/20) | 23.32±3.48 | Vertex | Phototrichogram | Density |
| Aktan et al. 24 | 2007 | Izmir, Turkey | “Turkish” | Yes (F) | 31 (0/31) | 35±13.9 | Frontal | Phototrichogram | Density |
| Nissimov et al. 25 | 2003 | Jerusalem, Israel | - | Yes (F) | 13 (0/13) | 36 (19-52) | Occipital | Biopsy | Diameter |
| D.H. Rushton et al. 26 | 1991 | Portsmouth, United Kingdom | Caucasian (European) | Yes (M) | 13 (13/0) | 24.2±3.3 | FrontalOccipital | Unit Area Trichogram | Density |
| H. Kang 27 | 2009 | Seoul, South Korea | ” South Korean” | Yes (F) | 40 (0/40) | 34.8 (25-48) | FrontalVertexTemporalOccipital | Phototrichogram | Density and Diameter |
| Martinez-Velasco et al. 28 | 2018 | Mexico City, Mexico | ”Mexican mestizo” | Yes (F) | 30 (0/30) | 18-55 | Unspecified | Optical Coherence Tomography | Diameter |
| D. Jackson et al. 29 | 1972 | Sheffield, England | “Caucasoid” | Yes (F) | 73 (0/73) |  | Unspecified | Micrometer  | Diameter |
| S.H. Lee et al. 30 | 2005 | Seoul, South Korea | - | Yes (M) | 10 (10/0) | 27.8 (26-33) | Occipital | Phototrichogram and bleaching phototrichogram | Density and Diameter |
| S.N. Kim et al. 31 | 2013 | Gyeonggi-do, South Korea | “Korean” | Yes (F) | 150 (0/150) | 23-69 | Vertex | Phototrichogram | Density and Diameter |
| J.Y. Kim et al. 32 | 2015 | Cheonan, South Korea | “East Asians (Specifically Koreans)” | Yes (M) | 50 (50/0) | 44.6±14.5 | TemporalOccipital | Phototrichogram | Density and Diameter |
| Mills et al. 33 | 2018 | Allentown, PA, USA | "Caucasian" | No | 20 (?/?) | 8-61 | Unspecified | Olympus cellSensTM Entry software  | Diameter |
| Ingprasert et al. 34 | 2018 | Bangkok, Thailand | ” Southeast Asian” | Yes (F) | 101 (0/101) | 33.4 | FrontalTemporalOccipital | Phototrichogram | Density and Diameter |
| Bao et al. 35 | 2018 | Shanghai, China | “Chinese” | Yes(M) | 1000 (1000/0) | 19.90 | FrontalVertexTemporalOccipital | Phototrichogram | Density |
| Mai et al. 36 | 2019 | Zhuhai, Guangdong, China | “Southern Chinese” | Yes (F) | 83 (0/83) | 34 | TemporalOccipital | Phototrichogram | Density and Diameter |
| Visessiri et al. 37 | 2020 | Bangkok, Thailand | “Thai” | Yes | 90 (51/39) | 36.5±15.1 | Occipital | Biopsy | Density |
| Rutnin et al. 38 | 2022 | Bangkok, Thailand | “Thai” | No | 60 (36/24) | 39.1 | FrontalVertexTemporalOccipital | Biopsy | Density |
| Hu et al. 39 | 2022 | Beijing, China | “Chinese” | No | 23 (?/?) | ? | FrontalVertexTemporalOccipital | Phototrichogram at all and occipital biopsy | Density and Diameter |
| Yun et al. 40 | 2017 | South Korea | “Korean” (Black Hair) | No | 27 (7/20) | 28 (20-47) | Occipital | Phototrichogram | Diameter |

Abbreviations: N, number of participants; SD, standard deviation; ?, data not provided/available.

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