Supplementary Table I. Participants with photographs in Figures 2-6. Participants are from 12 countries.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Patient** | **Country** | **22q11.2 deletion size (i.e. 3 Mb vs. 1.5Mb)** | **Age** | **Gender** |
| 1 | Nigeria | 3 Mb | 5 | Male |
| 2 | USA | FISH | 2.75 | Male |
| 3 | USA | 3 Mb | 8 | Male |
| 4 | USA | 3 Mb | 9 | Male |
| 5 | USA | 3 Mb | 0.27 | Female |
| 6 | USA | 3 Mb | 0.47 | Female |
| 7 | USA | nested distal deletion | 0.58 | Female |
| 8 | USA | 3 Mb | 0.73 | Male |
| 9 | USA | 3 Mb | 0.94 | Male |
| 10 | USA | 3 Mb | 1.85 | Male |
| 11 | USA | nested distal deletion | 2.05 | Male |
| 12 | USA | 3 Mb | 2.19 | Female |
| 13 | USA | 1.5 Mb | 2.52 | Female |
| 14 | USA | FISH | 4.15 | Male |
| 15 | USA | 3 Mb | 4 | Female |
| 16 | USA | nested distal deletion | 5 | Female |
| 17 | USA | 1.5 Mb | 5 | Female |
| 18 | USA | 3 Mb | 5 | Male |
| 19 | USA | nested distal deletion | 6 | Female |
| 20 | USA | 3 Mb | 6 | Male |
| 21 | USA | FISH | 6 | Female |
| 22\* | USA | 3 Mb | 6 | Male |
| 23 | USA | 3 Mb | 6 | Female |
| 24 | USA | FISH | 7 | Female |
| 25 | USA | 3 Mb | 7 | Female |
| 26 | USA | 3 Mb | 7 | Female |
| 27 | USA | NA | 8 | Female |
| 28 | USA | 3 Mb | 8 | Female |
| 29 | USA | nested distal deletion | 9 | Female |
| 30 | USA | 3 Mb | 9 | Male |
| 31 | USA | 3 Mb | 10 | Female |
| 32\* | USA | 3 Mb | 10 | Male |
| 33 | USA | 3 Mb | 10 | Female |
| 34 | USA | 3 Mb | 12 | Female |
| 35 | USA | 3 Mb | 11 | Female |
| 36 | USA | nested distal deletion | 11 | Female |
| 37 | USA | NA | 12 | Female |
| 38 | USA | 3 Mb | 13 | Male |
| 39 | USA | 3 Mb | 13 | Male |
| 40 | USA | 3 Mb | 13 | Male |
| 41 | USA | 3 Mb | 13 | Female |
| 42 | USA | 3 Mb | 14 | Male |
| 43 | USA | 3 Mb | 15 | Female |
| 44\* | USA | 3 Mb | 15 | Male |
| 45 | USA | 3 Mb | 17 | Female |
| 46 | USA | 3 Mb | 19 | Male |
| 47\* | USA | 3 Mb | 21 | Male |
| 48\* | USA | FISH | 22 | Male |
| 49 | USA | 3 Mb | 22 | Male |
| 50 | USA | 3 Mb | 27 | Female |
| 51 | USA | 3 Mb | 32 | Female |
| 52 | USA | 3 Mb | 43 | Female |
| 53a | Rwanda | 3 Mb | 6 | Male |
| 54 | Rwanda | FISH done and MLPA | 12 | Male |
| 55a | Rwanda | 3 Mb | 15 | Male |
| 56b | South Africa | NA | NA | NA |
| 57b | South Africa | NA | NA | NA |
| 58c | USA | FISH/array-CGH | NA | NA |
| 59c | USA | FISH/array-CGH | NA | NA |
| 60c | USA | FISH/array-CGH | NA | NA |
| 61c | USA | FISH/array-CGH | NA | NA |
| 62c | USA | FISH/array-CGH | NA | NA |
| 63c | USA | FISH/array-CGH | NA | NA |
| 64c | USA | FISH/array-CGH | NA | NA |
| 65c | USA | FISH/array-CGH | NA | NA |
| 66 | Hong Kong | 3 Mb | 6 | Male |
| 67 | Hong Kong | 3 Mb | 19 | Male |
| 68d | Hong Kong | 3 Mb | 18 | Female |
| 69d | Hong Kong | 3 Mb | 21 | Male |
| 70d | Hong Kong | 3 Mb | 21 | Female |
| 71d | Hong Kong | 3 Mb | 23 | Male |
| 72 | Hong Kong | 3 Mb | 24 | Male |
| 73 | Hong Kong | 3 Mb | 24 | Female |
| 74 | Hong Kong | 3 Mb | 25 | Female |
| 75d | Hong Kong | 3 Mb | 25 | Male |
| 76d | Hong Kong | 1.5Mb | 27 | Female |
| 77d | Hong Kong | 3 Mb | 29 | Female |
| 78 | Hong Kong | 3 Mb | 31 | Female |
| 79 | Hong Kong | 3 Mb | 32 | Female |
| 80d | Hong Kong | 3 Mb | 33 | Female |
| 81 | Hong Kong | 3 Mb | 34 | Male |
| 82 | Hong Kong | 3 Mb | 38 | Female |
| 83 | Thailand | FISH | 1.5 | Female |
| 84 | Thailand | FISH | 2.25 | Male |
| 85 | Malaysia | FISH | 0.83 | Female |
| 86 | Malaysia | FISH | 1 | Male |
| 87 | Malaysia | FISH | 16 | Male |
| 88 | Sri Lanka | 3 Mb | 0.92 | Female |
| 89 | Sri Lanka | 3 Mb | 1 | Female |
| 90 | Sri Lanka | 3 Mb | 8 | Male |
| 91 | India | FISH | 0.83 | Male |
| 92 | India | FISH | 1.08 | Female |
| 93 | Argentina | FISH | 1 | Male |
| 94 | Argentina | FISH | 2 | Male |
| 95 | Argentina | 3 Mb | 2 | Female |
| 96 | Argentina | 3 Mb | 2.67 | Male |
| 97 | Argentina | FISH | 2.83 | Female |
| 98 | Argentina | FISH | 4 | Male |
| 99 | Argentina | FISH | 5 | Female |
| 100 | Argentina | FISH | 5 | Female |
| 101 | Argentina | FISH | 7 | Female |
| 102 | Argentina | FISH | 11 | Male |
| 103 | Argentina | FISH | 11 | Male |
| 104 | Argentina | FISH | 13 | Female |
| 105 | Argentina | FISH | 16 | Male |
| 106 | Peru | 3 Mb | 22 | Male |
| 107 | Brazil | FISH | 10 | Male |
| 108 | Brazil | FISH | 20 | Female |
| 109 | Brazil | FISH | 21 | Female |
| 110 | Brazil | FISH | 39 | Male |
| 111 | Brazil | FISH | 0.25 | Male |
| 112 | Brazil | FISH | 0.5 | Male |
| 113 | Brazil | 3Mb | 2 | Female |
| 114 | Brazil | 3 Mb | 4 | Female |
| 115 | Brazil | 3 Mb | 14 | Female |
| 116 | Brazil | 1.5Mb | 18 | Female |
| 117e | Brazil | FISH/MLPA | NA | NA |
| 118e | Brazil | FISH/MLPA | NA | NA |
| 119e | Brazil | FISH/MLPA | NA | NA |
| 120e | Brazil | FISH/MLPA | NA | NA |
| 121e | Brazil | FISH/MLPA | NA | NA |
| 122e | Brazil | FISH/MLPA | NA | NA |
| 123e | Brazil | FISH/MLPA | NA | NA |
| 124e | Brazil | FISH/MLPA | NA | NA |
| 125e | Brazil | FISH/MLPA | NA | NA |
| 126e | Brazil | FISH/MLPA | NA | NA |
| 127e | Brazil | FISH/MLPA | NA | NA |
| 128e | Brazil | FISH/MLPA | NA | NA |
| 129e | Brazil | FISH/MLPA | NA | NA |
| 130e | Brazil | FISH/MLPA | NA | NA |
| 131e | Brazil | FISH/MLPA | NA | NA |
| 132e | Brazil | FISH/MLPA | NA | NA |

a[Uwineza et al., 2014]

b[De Decker et al., 2016]

c[Veerapandiyan et al., 2011]

d[Liu et al., 2014]

e[Grassi et al., 2014]

Abbreviations: chromosomal microarray (CMA); fluorescence in situ hybridization (FISH);

Supplementary Table II. Geometric and texture feature comparison of Caucasian 22q11.2 deletion syndrome individuals with normal controls using digital facial analysis technology. The ranges of the geometric linear features were normalized by the distance between the pupils. Geometric angle features are presented in degrees. Texture features were computed at three scales (r1, r2, r3). Features are presented in order of their relevance for the diagnosis of 22q11.2 deletion syndrome.

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | |  | Ranges | |  | |
| Feature | Final feature list | | | Healthy | | Syndromic | | p-value |
| 1 | Texture at left oral commissure (r2) | | | -0.0050 +- 0.0141 | | -0.0210 +- 0.0161 | | 7.59292E-08 |
| 2 | Texture at top of right ala of the nose (r2) | | | 0.0030 +- 0.0090 | | -0.0063 +- 0.0101 | | 5.67699E-07 |
| 3 | Texture at left oral commissure (r3) | | | -0.0026 +- 0.0162 | | 0.0123 +- 0.0146 | | 7.58022E-07 |
| 4 | Distance between medial canthi | | | 0.4080 +- 0.0280 | | 0.4358 +- 0.0300 | | 8.50268E-07 |
| 5 | Texture at center of the right eye (r2) | | | 0.0021 +- 0.0404 | | 0.0432 +- 0.0481 | | 1.91231E-06 |
| 6 | Texture at top of right ala of the nose (r1) | | | -0.0019 +- 0.0145 | | 0.0117 +- 0.0154 | | 2.56344E-06 |
| 7 | Texture at right nostril (r1) | | | 0.0154 +- 0.0444 | | -0.0192 +- 0.0320 | | 3.71756E-06 |
| 8 | Texture at right lateral of nose root (r3) | | | -0.0014 +- 0.0107 | | 0.0078 +- 0.0101 | | 4.80351E-06 |
| 9 | Distance between medial and lateral canthi (right eye) | | | 0.3018 +- 0.0185 | | 0.2860 +- 0.0174 | | 5.27659E-06 |
| 10 | Texture at center of the left eye (r2) | | | 0.0018 +- 0.0535 | | -0.0407 +- 0.0439 | | 6.77094E-06 |
| 11 | Texture at left lateral of nose root (r2) | | | -0.0006 +- 0.0111 | | 0.0078 +- 0.0090 | | 1.59758E-05 |
| 12 | Texture at left oral commissure (r1) | | | -0.0160 +- 0.0407 | | 0.0169 +- 0.0427 | | 3.83318E-05 |
| 13 | Texture at center of the left eye (r1) | | | 0.0242 +- 0.0567 | | -0.0140 +- 0.0416 | | 5.96306E-05 |
| 14 | Texture at top of left ala of the nose (r3) | | | 0.0002 +- 0.0082 | | 0.0072 +- 0.0103 | | 7.40514E-05 |
| 15 | Texture at lower border of upper lip (r2) | | | 0.0048 +- 0.0114 | | -0.0053 +- 0.0153 | | 7.80977E-05 |
| 16 | Texture at bottom of left ala of the nose (r1) | | | 0.0032 +- 0.0085 | | -0.0039 +- 0.0115 | | 0.000198957 |
| 17 | Texture at bottom of right ala of the nose (r3) | | | -0.0023 +- 0.0108 | | 0.0039 +- 0.0072 | | 0.000359157 |
| 18 | Angle of left side of the mouth (measured from the outside of the lips) | | | 50.3274 ± 78.0944 | | 62.2639 ± 72.5064 | | 0.000400248 |
| 19 | Texture at bottom of left ala of the nose (r2) | | | 0.0019 +- 0.0103 | | 0.0079 +- 0.0079 | | 0.000620244 |
| 20 | Distance between columella and cupids bow | | | 0.2341 +- 0.0533 | | 0.2029 +- 0.0528 | | 0.00179148 |
| 21 | Texture at medial canthus of left eye (r2) | | | 0.0043 +- 0.0213 | | 0.0153 +- 0.0168 | | 0.002226693 |
| 22 | Angle of right side of the mouth (measured from the outside of the lips) | | | 49.0728 ± 77.6725 | | 58.7214 ± 73.5368 | | 0.003925964 |
| 23 | Texture at left lateral of nose root (r3) | | | 0.0017 +- 0.0057 | | -0.0013 +- 0.0055 | | 0.004352391 |
| 24 | Texture at top of right ala of the nose (r3) | | | 0.0049 +- 0.0124 | | -0.0014 +- 0.0125 | | 0.006624862 |
| 25 | Texture at upper eyelid of left eye (r3) | | | 0.0073 +- 0.0187 | | -0.0008 +- 0.0225 | | 0.035108004 |

Supplementary Figure 1. Caucasians: Graph of area under the ROC curve (AUC), accuracy, sensitivity, and specificity versus the number of features selected.

Supplementary Table III. Geometric and texture feature comparison of African and African American individuals with 22q11.2 deletion syndrome with healthy controls using digital facial analysis technology. The ranges of the geometric linear features were normalized by the distance between the pupils. . Geometric angle features are presented in degrees. Texture features were computed at three scales (r1, r2, r3). Features are presented in order of their relevance for the diagnosis of 22q11.2 deletion syndrome.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | |  | Ranges | |  |
| Feature | Final feature list | | | Healthy | | | Syndromic | p-value |
| 1 | Distance between medial canthi | | | 0.4145 +- 0.0271 | | | 0.4534 +- 0.0338 | 1.64797E-09 |
| 2 | Texture at lateral canthus of left eye (r2) | | | -0.0111 +- 0.0242 | | | 0.0216 +- 0.0273 | 1.92667E-09 |
| 3 | Texture at lateral canthus of left eye (r1) | | | -0.0184 +- 0.0231 | | | 0.0226 +- 0.0400 | 2.30084E-09 |
| 4 | Distance between medial and lateral canthi (right eye) | | | 0.2994 +- 0.0191 | | | 0.2768 +- 0.0174 | 3.93944E-09 |
| 5 | Texture at upper eyelid of right eye (r1) | | | -0.0035 +- 0.0478 | | | 0.0525 +- 0.0595 | 4.30058E-07 |
| 6 | Texture at left oral commissure (r2) | | | 0.0057 +- 0.0120 | | | -0.0079 +- 0.0155 | 1.36889E-06 |
| 7 | Texture at columella (r2) | | | 0.0162 +- 0.0226 | | | -0.0059 +- 0.0277 | 1.40742E-05 |
| 8 | Texture at medial canthus of left eye (r2) | | | -0.0055 +- 0.0210 | | | 0.0164 +- 0.0291 | 1.82443E-05 |
| 9 | Texture at center of the left eye (r2) | | | -0.0103 +- 0.0473 | | | 0.0387 +- 0.0652 | 1.98524E-05 |
| 10 | Angle at nose root | | | 79.0881 ± 76.8854 | | | 88.5159 ± 80.1308 | 5.11631E-05 |
| 11 | Texture at nose apex (r3) | | | 0.0060 +- 0.0158 | | | -0.0057 +- 0.0164 | 0.00023795 |
| 12 | Texture at bottom of right ala of the nose (r2) | | | 0.0041 +- 0.0101 | | | -0.0048 +- 0.0140 | 0.00026217 |
| 13 | Texture at left oral commissure (r3) | | | 0.0017 +- 0.0043 | | | -0.0012 +- 0.0039 | 0.000307571 |
| 14 | Upper lip width | | | 0.0809 +- 0.0305 | | | 0.1055 +- 0.0415 | 0.000669619 |
| 15 | Angle of right ala of the nose | | | 101.1279 ± 103.7567 | | | 108.8929 ± 98.2041 | 0.00076364 |
| 16 | Texture at top of right ala of the nose (r1) | | | -0.0030 +- 0.0100 | | | 0.0035 +- 0.0106 | 0.001480994 |
| 17 | Angle of left side of the mouth (measured from the outside of the lips) | | | 64.4753 ± 76.6028 | | | 72.1335 ± 73.704 | 0.013715513 |
| 18 | Texture at lower border of upper lip (r2) | | | -0.0109 +- 0.0308 | | | 0.0050 +- 0.0392 | 0.021051947 |
| 19 | Texture at left part of lower lip (r1) | | | -0.0023 +- 0.0109 | | | 0.0026 +- 0.0108 | 0.021269461 |
| 20 | Distance between oral commissures | | | 0.5883 +- 0.1009 | | | 0.5467 +- 0.0921 | 0.027156882 |
| 21 | Texture at right nostril (r1) | | | 0.0023 +- 0.0265 | | | -0.0060 +- 0.0246 | 0.09387742 |
| 22 | Texture at left lateral of nose root (r2) | | | 0.0013 +- 0.0086 | | | -0.0013 +- 0.0099 | 0.1575952 |

Supplementary Figure 2. African and African American: Graph of area under the receiver operating characteristic curve (AUC), accuracy, sensitivity, and specificity versus the number of features selected.

Supplementary Table IV. Geometric and texture feature comparison of Asian 22q11.2 deletion syndrome individuals with normal controls using digital facial analysis technology. The ranges of the geometric linear features were normalized by the distance between the pupils. . Geometric angle features are presented in degrees. Texture features were computed at three scales (r1, r2, r3). Features are presented in order of their relevance for the diagnosis of 22q11.2 deletion syndrome.

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  |  | Ranges | |  |  |  | |  |  |  |
| Features | Final feature list | Healthy | Syndromic | p-value | | |
| 1 | Texture at center of right ala of the nose (r1) | -0.0041 +- 0.0132 | 0.0126 +- 0.0133 | 2.39113E-05 | | |
| 2 | Upper lip width | 0.0712 +- 0.0243 | 0.0990 +- 0.0234 | 7.80044E-05 | | |
| 3 | Distance between medial canthi | 0.4355 +- 0.0293 | 0.4651 +- 0.0208 | 8.0315E-05 | | |
| 4 | Texture at left oral commissure (r1) | -0.0202 +- 0.0282 | 0.0081 +- 0.0237 | 0.000200719 | | |
| 5 | Texture at lateral canthus of left eye (r2) | 0.0132 +- 0.0129 | 0.0018 +- 0.0072 | 0.000208938 | | |
| 6 | Distance between oral commissures | 0.5650 +- 0.1077 | 0.4691 +- 0.0663 | 0.000244884 | | |
| 7 | Texture at medial canthus of left eye (r2) | -0.0114 +- 0.0231 | 0.0181 +- 0.0320 | 0.000291945 | | |
| 8 | Angle at nose root | 73.7338 ± 74.8587 | 85.9803 ± 80.1598 | 0.000977026 | | |
| 9 | Distance between lips | 0.0829 +- 0.0614 | 0.0353 +- 0.0419 | 0.00164238 | | |
| 10 | Distance between medial and lateral canthi (right eye) | 0.2929 +- 0.0177 | 0.2775 +- 0.0165 | 0.001733449 | | |
| 11 | Texture at lower eyelid of right eye (r1) | -0.0409 +- 0.0401 | -0.0136 +- 0.0286 | 0.00563151 | | |
| 12 | Angle of left ala of the nose | 104.1523 ± 102.8207 | 112.3027 ± 98.8008 | 0.012045664 | | |
| 13 | Texture at upper eyelid of right eye (r1) | 0.0130 +- 0.0356 | -0.0048 +- 0.0264 | 0.042148307 | | |
| 14 | Texture at columella (r1) | 0.0129 +- 0.0202 | 0.0019 +- 0.0205 | 0.052069753 | | |
| 15 | Maximum distance between eyelids (right eye) | 0.1507 +- 0.0437 | 0.1282 +- 0.0401 | 0.05412367 | | |
| 16 | Angle of right ala of the nose | 105.9024 ± 101.5954 | 111.426 ± 97.7413 | 0.055392731 | | |
| 17 | Texture at center of right ala of the nose (r2) | 0.0016 +- 0.0114 | -0.0035 +- 0.0094 | 0.083306223 | | |
| 18 | Texture at left lateral of nose root (r3) | -0.0033 +- 0.0104 | 0.0007 +- 0.0067 | 0.0970027 | | |
| 19 | Texture at nose apex (r1) | 0.0068 +- 0.0100 | -0.0006 +- 0.0215 | 0.11007301 | | |
| 20 | Texture at bottom of right ala of the nose (r3) | -0.0019 +- 0.0089 | 0.0010 +- 0.0072 | 0.18620116 | | |
| 21 | Texture al philtrum (r3) | -0.0011 +- 0.0151 | 0.0007 +- 0.0118 | 0.62882859 | | |

Supplementary Figure 3. Asian: Graph of area under the receiver operating characteristic curve (AUC), accuracy, sensitivity, and specificity versus the number of features selected.

Supplementary Table V. Geometric and texture feature comparison of Latin American 22q11.2 deletion syndrome individuals with normal controls using digital facial analysis technology. The ranges of the geometric linear features were normalized by the distance between the pupils. . Geometric angle features are presented in degrees. Texture features were computed at three scales (r1, r2, r3). Features are presented in order of their relevance for the diagnosis of 22q11.2 deletion syndrome.

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  |  | Ranges | |  |  |  |  |  |
| Features | Final feature list | Healthy | Syndromic | p-value |
| 1 | Distance between medial and lateral canthi (right eye) | 0.3048 +- 0.0220 | 0.2790 +- 0.0153 | 0.000558276 |
| 2 | Distance between medial canthi | 0.4103 +- 0.0232 | 0.4422 +- 0.0247 | 0.000735133 |
| 3 | Angle of right ala of the nose | 101.309 ± 98.6385 | 109.2991 ± 96.4594 | 0.007540534 |
| 4 | Texture al philtrum (r3) | -0.0123 +- 0.0186 | 0.0033 +- 0.0173 | 0.019763781 |
| 5 | Distance between oral commissures | 0.5731 +- 0.0654 | 0.5249 +- 0.0518 | 0.027609644 |
| 6 | Lower lip width (measure on right side) | 0.2057 +- 0.0272 | 0.1850 +- 0.0248 | 0.031880092 |
| 7 | Texture at center of cupids bow (r1) | -0.0020 +- 0.0271 | 0.0149 +- 0.0135 | 0.032711379 |
| 8 | Texture at medial canthus of right eye (r2) | -0.0006 +- 0.0170 | 0.0109 +- 0.0174 | 0.068757959 |
| 9 | Texture at center of left ala of the nose (r3) | 0.0053 +- 0.0134 | -0.0014 +- 0.0053 | 0.072029494 |
| 10 | Texture at medial canthus of left eye (r3) | -0.0024 +- 0.0114 | 0.0075 +- 0.0185 | 0.076994561 |
| 11 | Distance between lips | 0.0872 +- 0.0673 | 0.0489 +- 0.0514 | 0.079926386 |
| 12 | Texture at right part of lower lip (r3) | -0.0024 +- 0.0144 | 0.0052 +- 0.0098 | 0.089202017 |
| 13 | Angle of right side of the mouth (measured from the outside of the lips) | 55.7087 ± 79.4438 | 62.6967 ± 76.1961 | 0.17403919 |
| 14 | Texture at columella (r2) | -0.0025 +- 0.0134 | 0.0030 +- 0.0095 | 0.19095151 |
| 15 | Texture at center of right ala of the nose (r1) | 0.0006 +- 0.0161 | -0.0061 +- 0.0120 | 0.19318749 |
| 16 | Texture at bottom of left ala of the nose (r3) | -0.0016 +- 0.0166 | 0.0061 +- 0.0170 | 0.20621526 |
| 17 | Angle at nose root | 74.9774 ± 78.8721 | 80.1715 ± 77.6197 | 0.22946744 |
| 18 | Texture at lateral canthus of left eye (r3) | 0.0020 +- 0.0245 | -0.0084 +- 0.0252 | 0.24568284 |
| 19 | Texture at left nostril (r1) | -0.0130 +- 0.0482 | 0.0053 +- 0.0498 | 0.30000558 |
| 20 | Texture at upper eyelid of left eye (r1) | -0.0010 +- 0.1008 | 0.0257 +- 0.0467 | 0.34437013 |
| 21 | Texture at right nostril (r3) | 0.0067 +- 0.0154 | 0.0019 +- 0.0143 | 0.36038288 |
| 22 | Texture at right part of lower lip (r2) | -0.0000 +- 0.0162 | -0.0043 +- 0.0130 | 0.41766119 |
| 23 | Angle at lateral canthus (right eye) | 38.6661 ± 84.1169 | 41.3403 ± 83.4714 | 0.43863329 |
| 24 | Texture at nose apex (r2) | 0.0013 +- 0.0105 | -0.0010 +- 0.0094 | 0.51822984 |
| 25 | Texture at columella (r3) | -0.0074 +- 0.0157 | -0.0042 +- 0.0138 | 0.53851396 |
| 26 | Texture at left oral commissure (r2) | 0.0005 +- 0.0129 | -0.0006 +- 0.0128 | 0.80949122 |

Supplementary Figure 4. Latin American: Graph of area under the receiver operating characteristic curve (AUC), accuracy, sensitivity, and specificity versus the number of features selected.

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