Ongoing Face Recognition Vendor Test (FRVT)

Part 3: Demographic Effects

Annex 13: False negative rates in United States mugshot images by sex and race

This document is an annex of NIST Interagency Report 8280: https://doi.org/10.6028/NIST.IR.8280

2019/12/19



1 Results

EXEC. SUMMARY TECH. SUMMARY

Links:

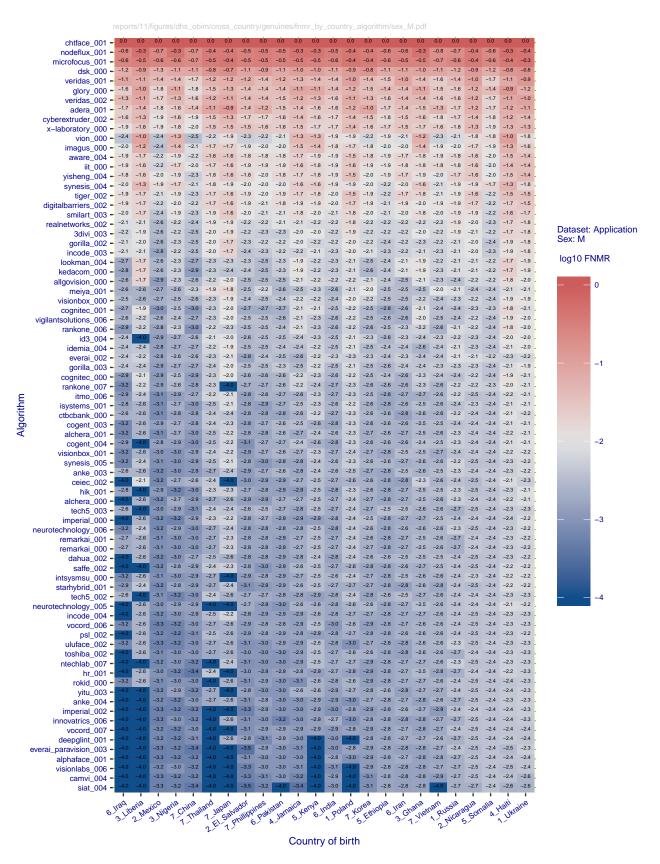


Figure 1: For the ISO application images, the heatmap shows male FNMR by algorithm and country-of-birth The text gives \log_{10} FNMR. The color encoding too is logarithmic: A value of 0 means FNMR = $10^0 = 1$. Values below -4, correponding to FNMR = 0.0001, are clipped and set to -4.

Links: EXEC. SUMMARY TECH. SUMMARY

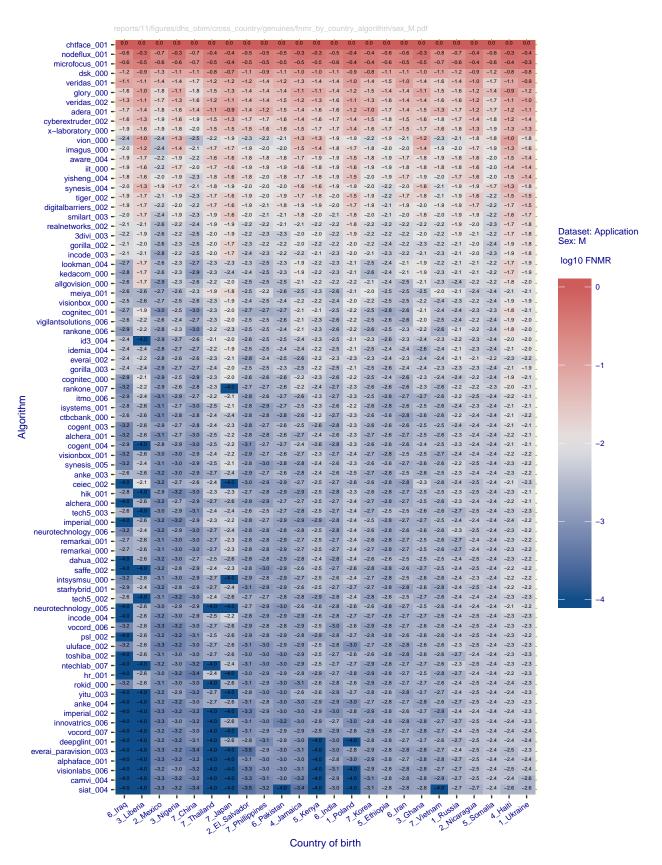


Figure 2: For the ISO application images, the heatmap shows female FNMR by algorithm and country-of-birth The text in each cell gives \log_{10} FNMR. The color encoding too is logarithmic: A value of 0 means FNMR = $10^0 = 1$. Values below -4,

correponding to FNMR = 0.0001, are clipped and set to -4. UMMARY Links: TECH. SUMMARY