

A: Datasheet

Algorithm: imagus_007

Developer: Imagus Technology Pty Ltd

Submission Date: 2021_11_16

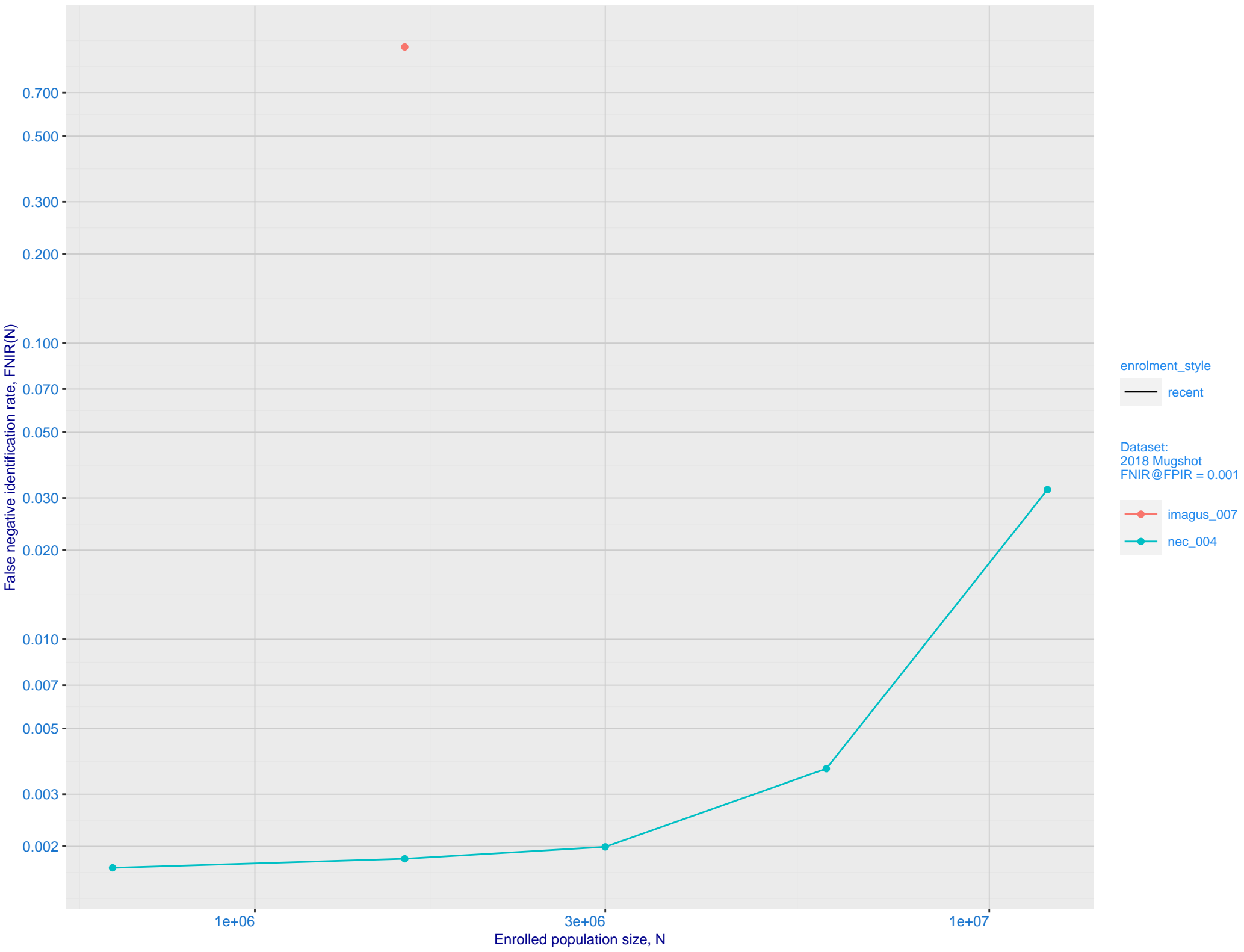
Investigation:

Frontal mugshot ranking 318 (out of 319) — FNIR(1600000, 0, 1) = 1.0000 vs. lowest 0.0009 from sensetime_006

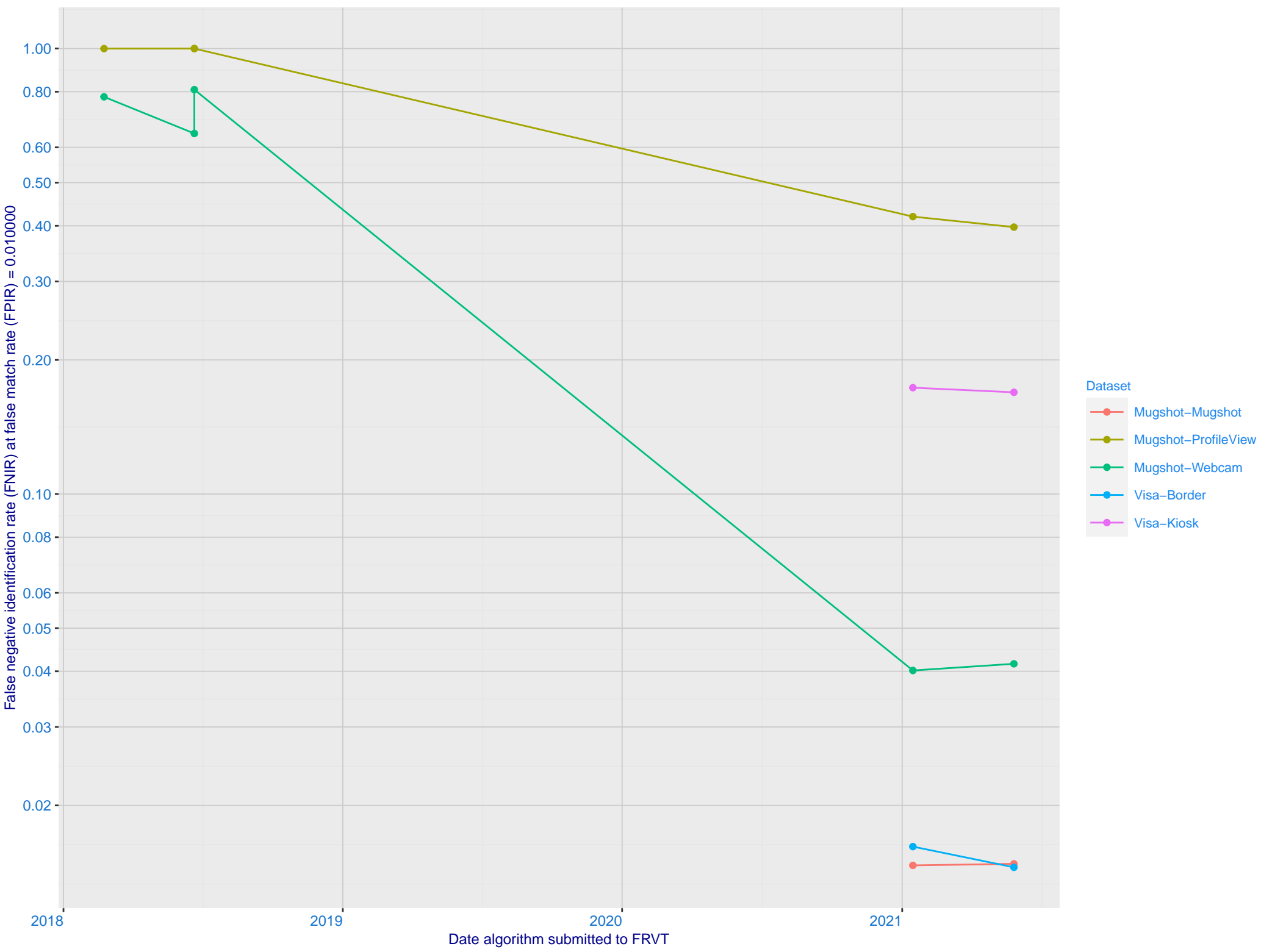
Identification:

Frontal mugshot ranking 318 (out of 319) — FNIR(1600000, T, L+1) = 1.0000, FPIR=0.001000 vs. lowest 0.0018 from sensetime_004

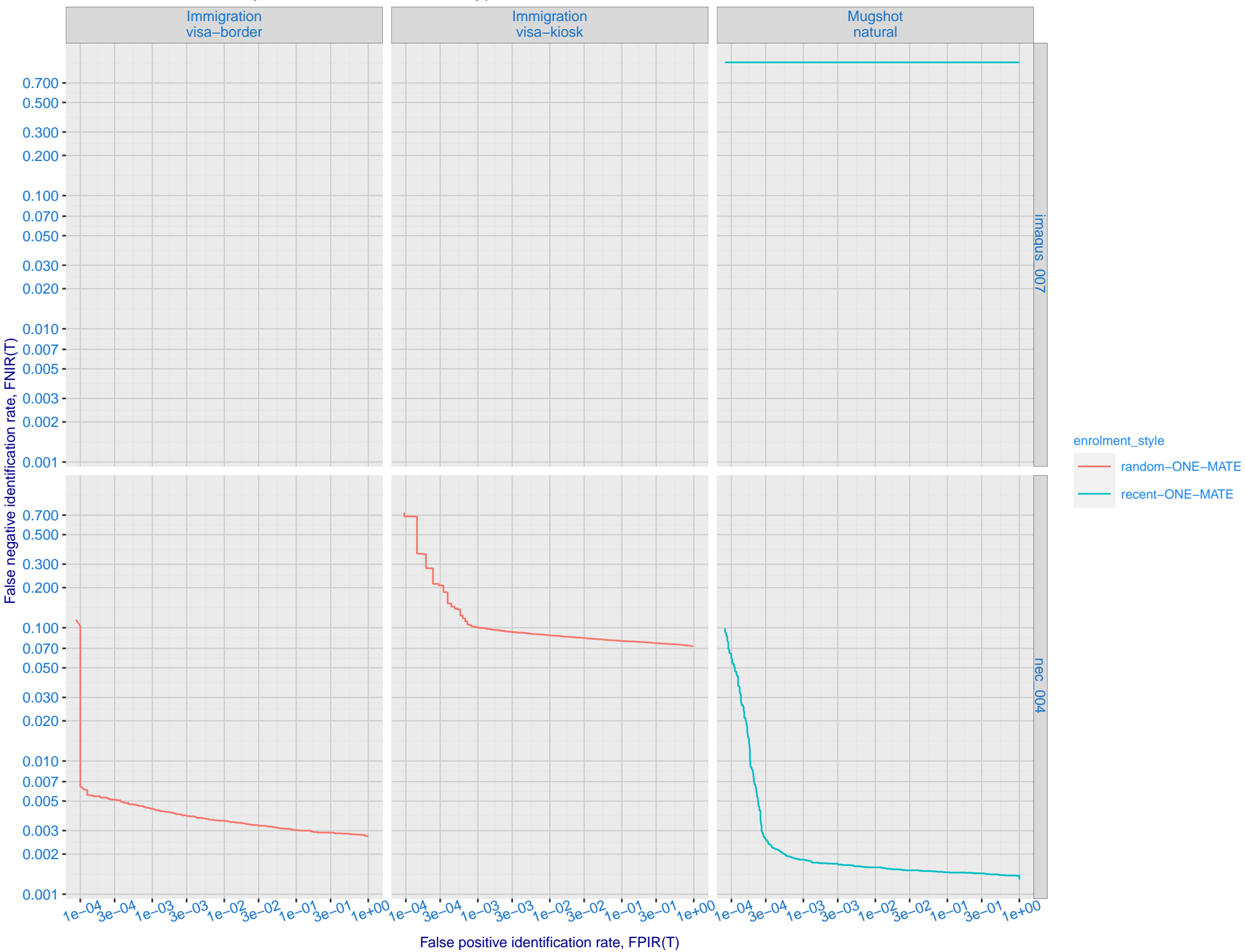
B: Mugshot natural images, identification mode: FNIR(N, L+1, T) vs. most accurate (nec_004)



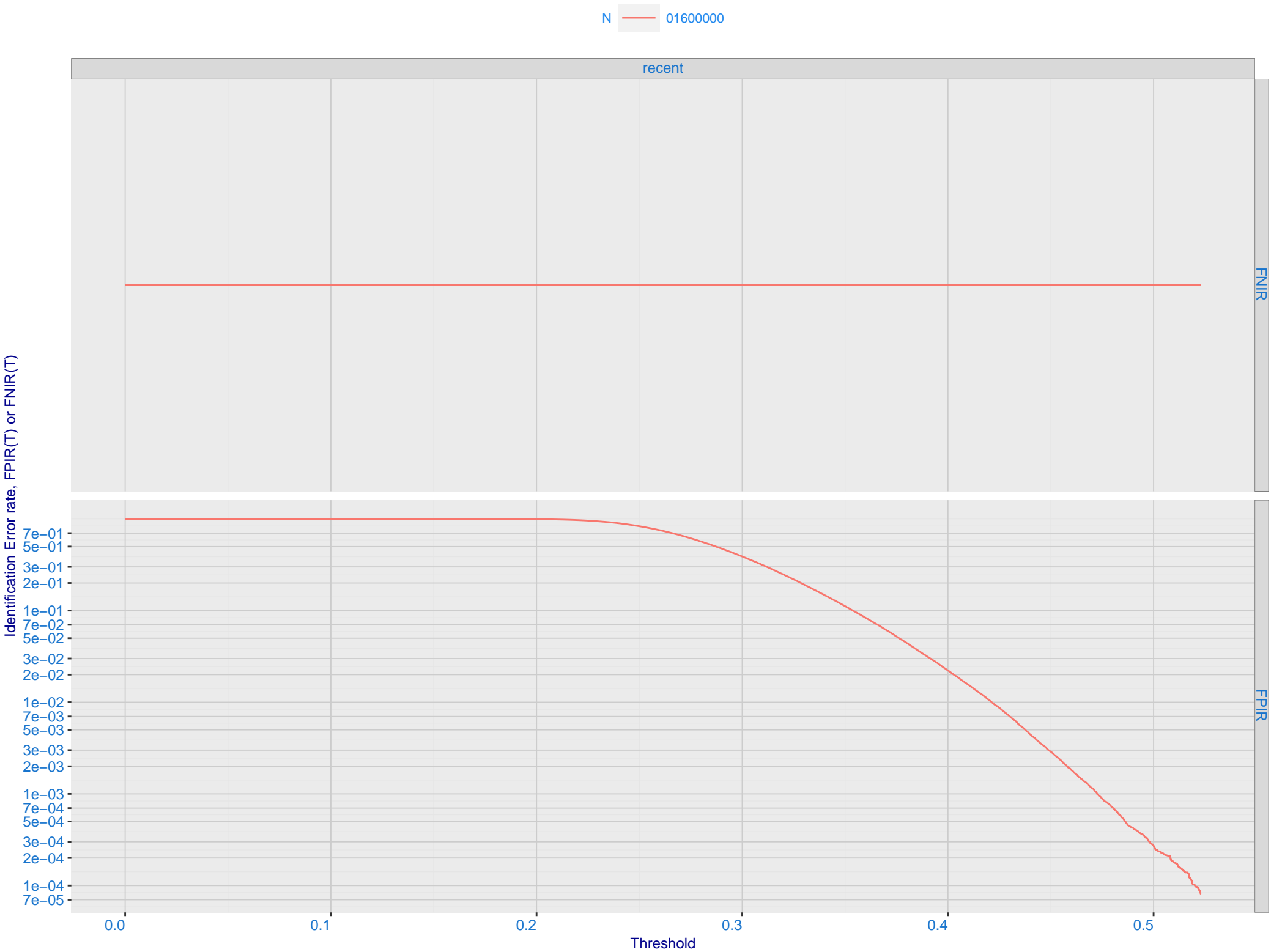
C: Evolution of accuracy for IMAGUS algorithms on three datasets 2018 – present



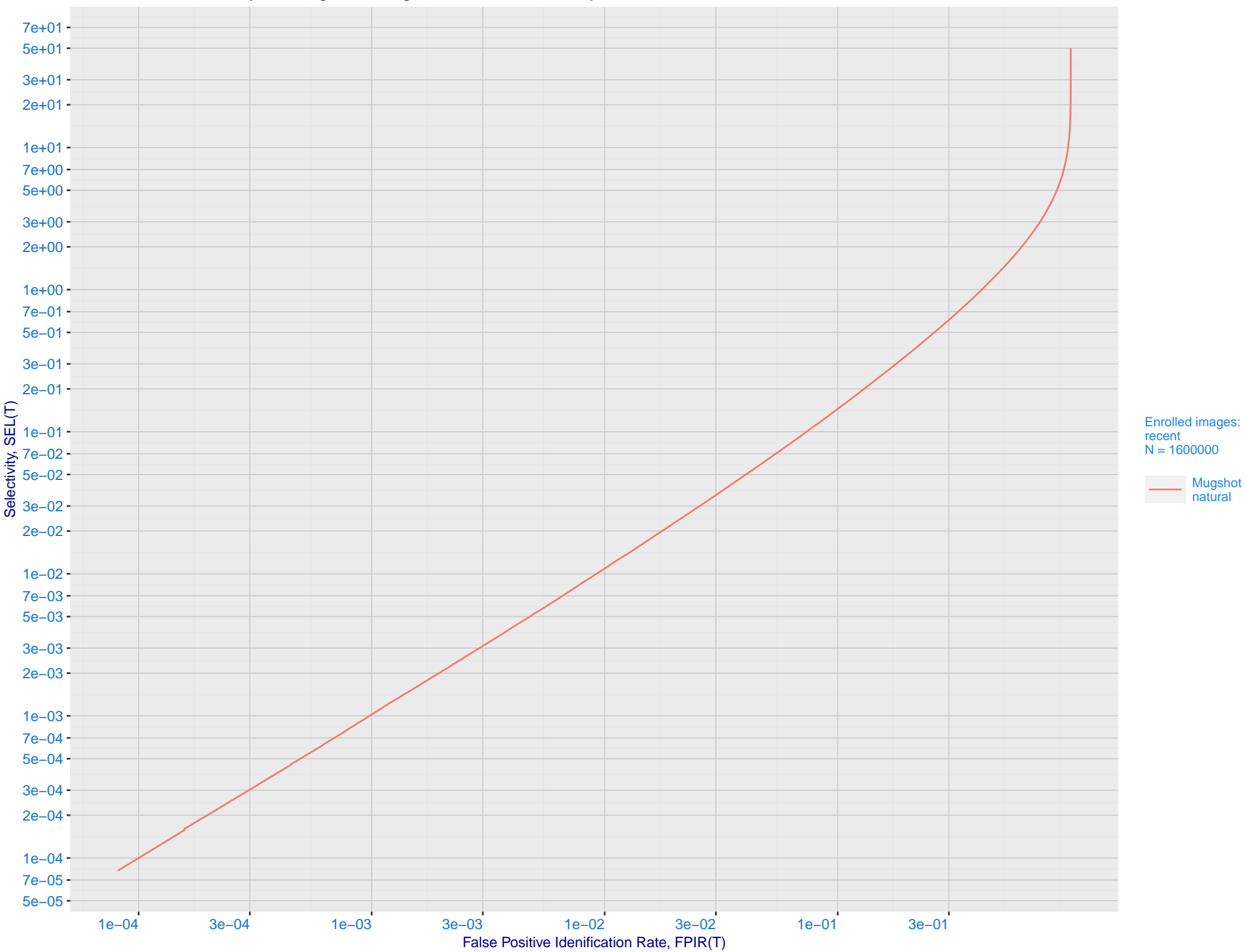
D: 1:N error tradeoff by dataset and enrollment type. N = 1600000 individuals



E: Dependence of error rates on T by number enrolled identities, N, for Mugshot natural images



F: FPIR vs. Selectivity for mugshot images, N = 1600000 subjects enrolled with one recent mate



G: FPIR dependence on T by probe type for N = 1600000 subjects

