

A: Datasheet

Algorithm: veridas_001

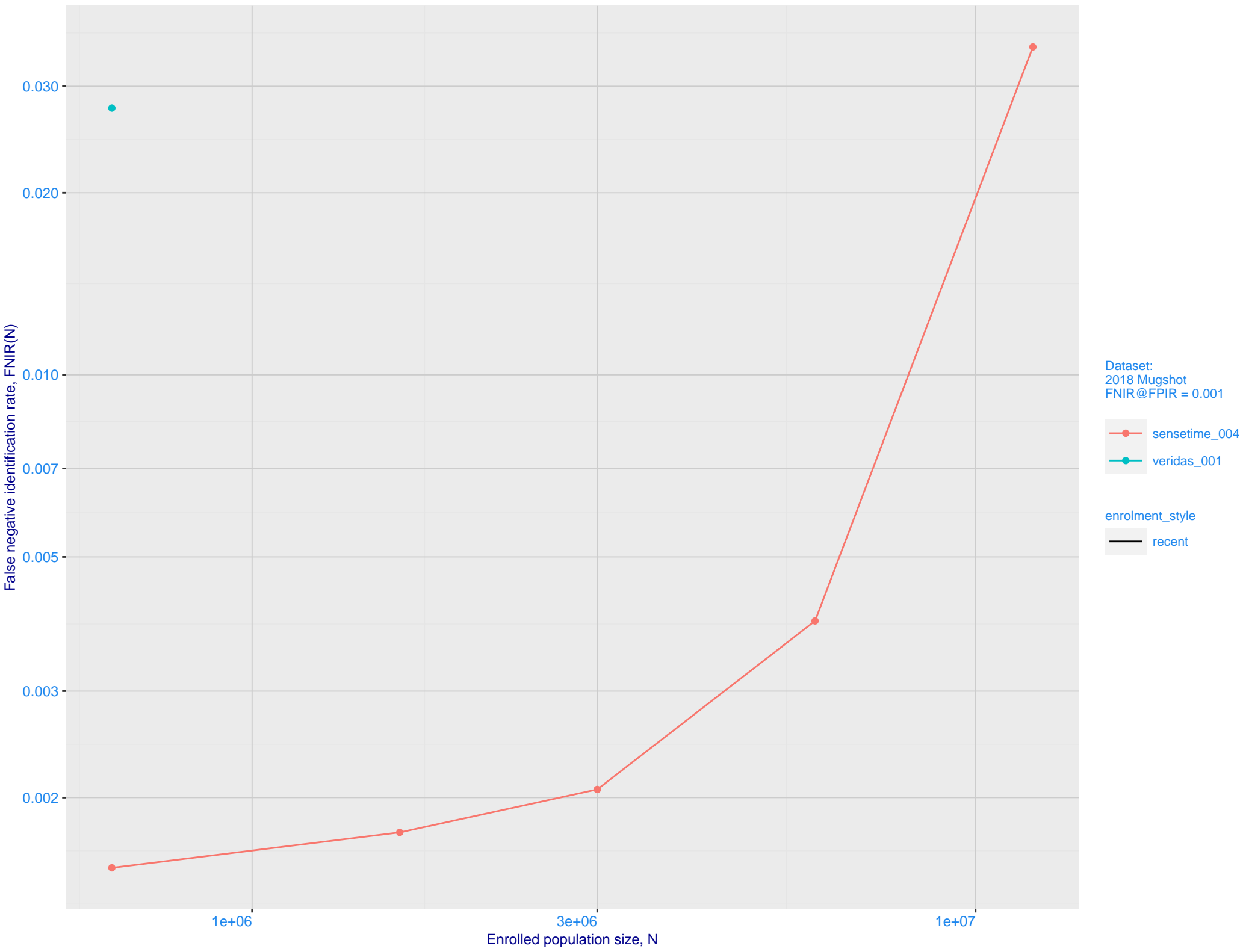
Developer: Veridas Digital Authentication Solutions S.L.

Submission Date: 2021_02_16

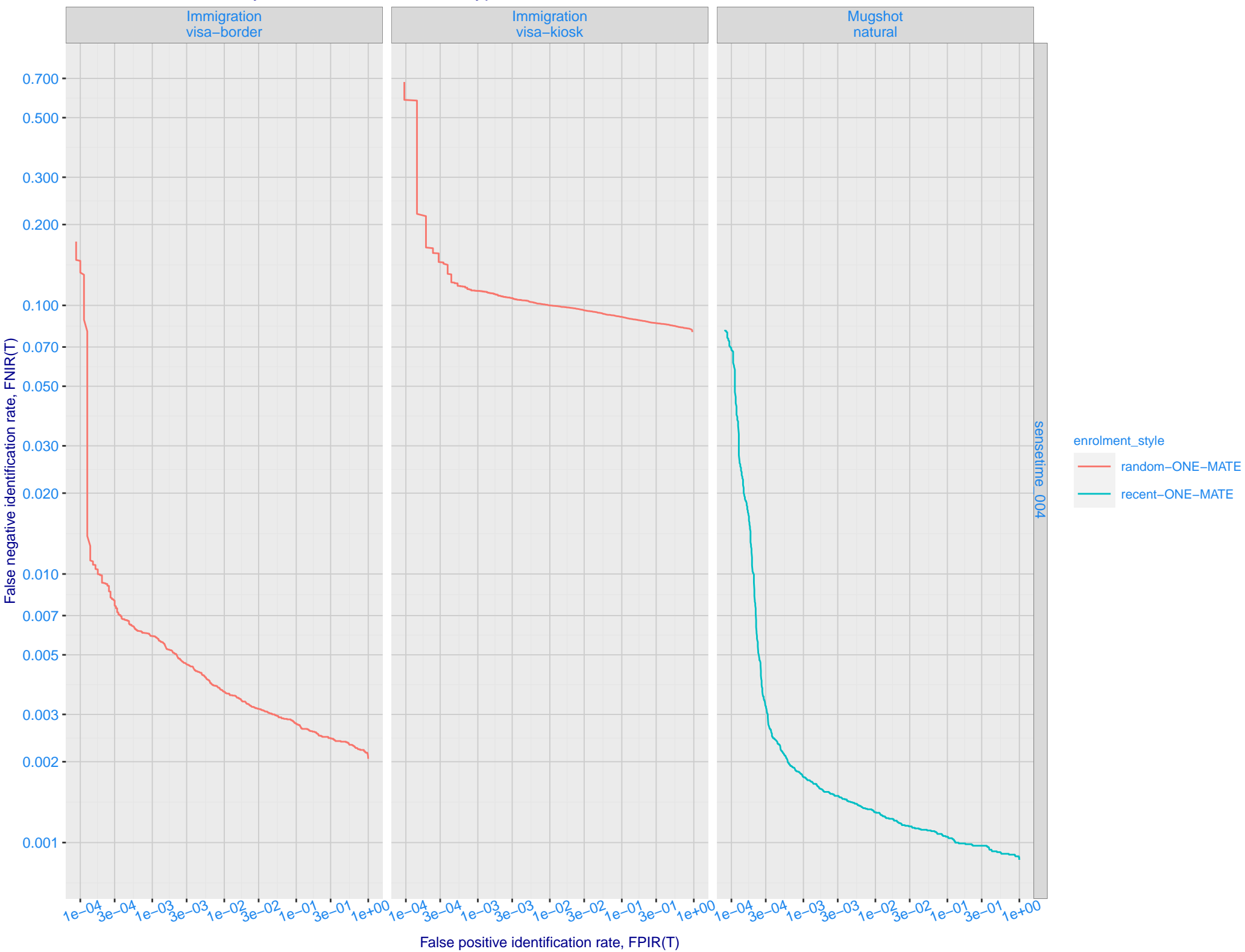
Investigation:

Identification:

B: Mugshot natural images, identification mode: FNIR(N, L+1, T) vs. most accurate (sensetime_004)

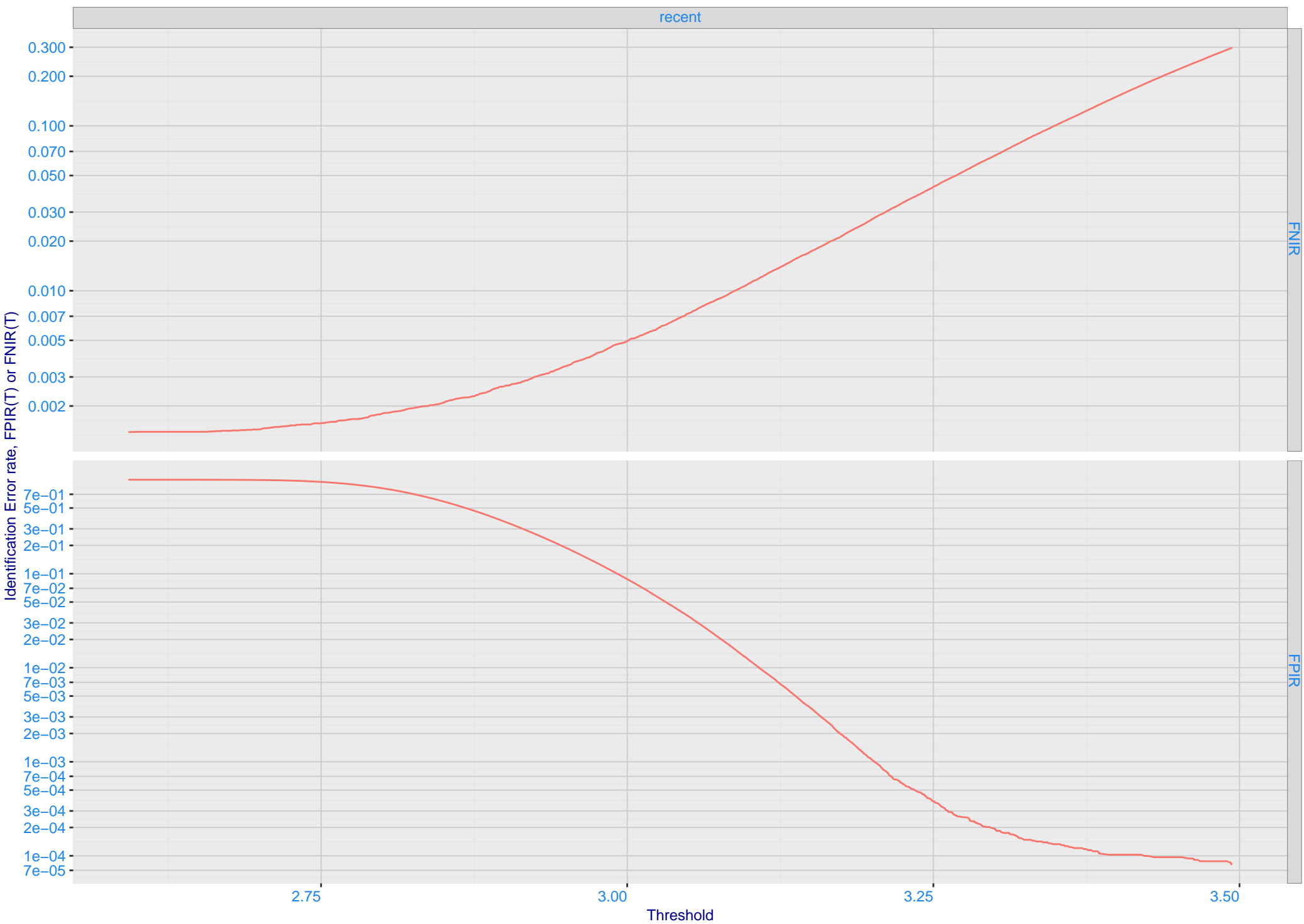


D: 1:N error tradeoff by dataset and enrollment type. N = 1600000 individuals

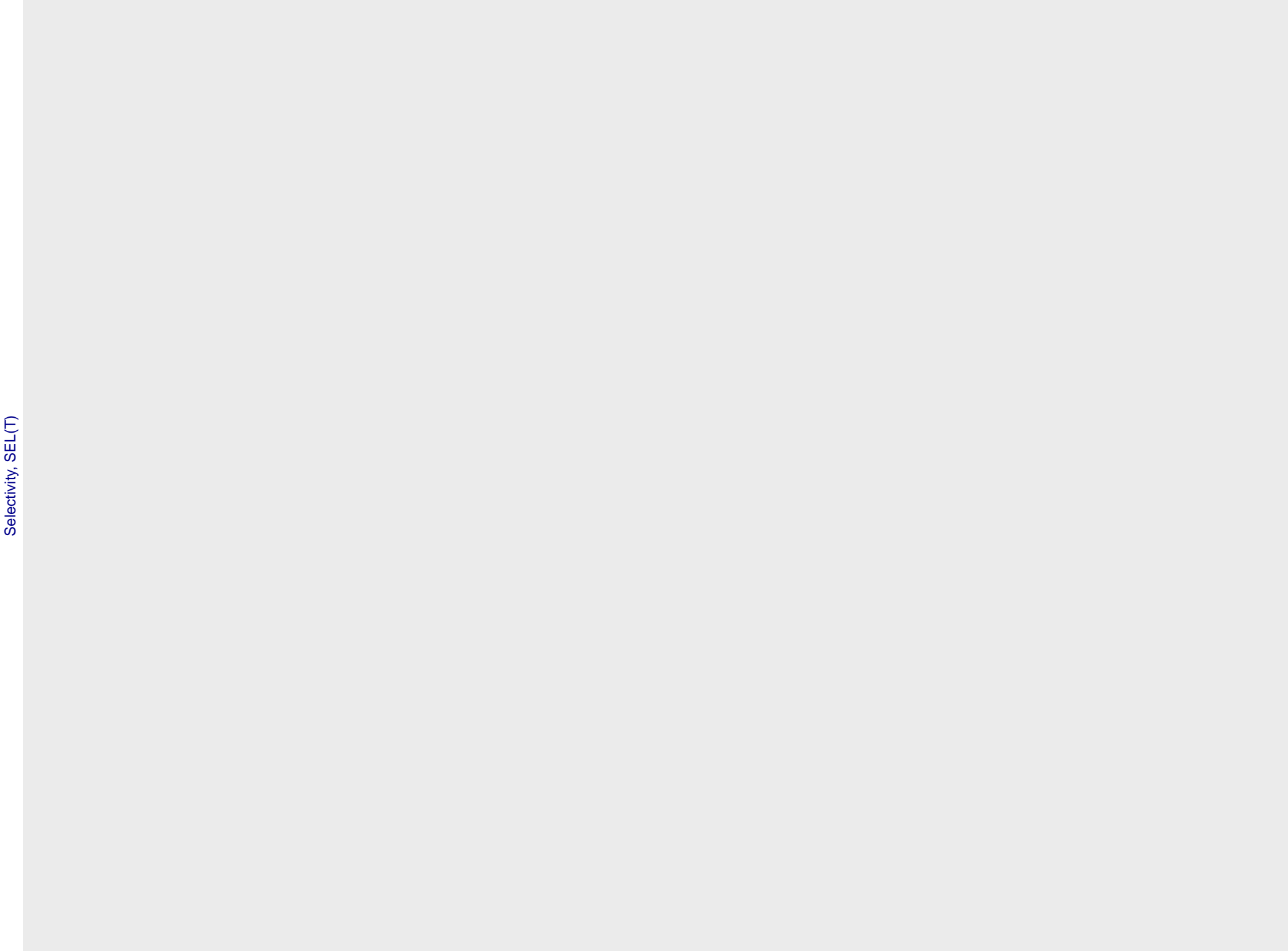


E: Dependence of error rates on T by number enrolled identities, N, for Mugshot natural images

N 00640000



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



False Positive Identification Rate, FPIR(T)

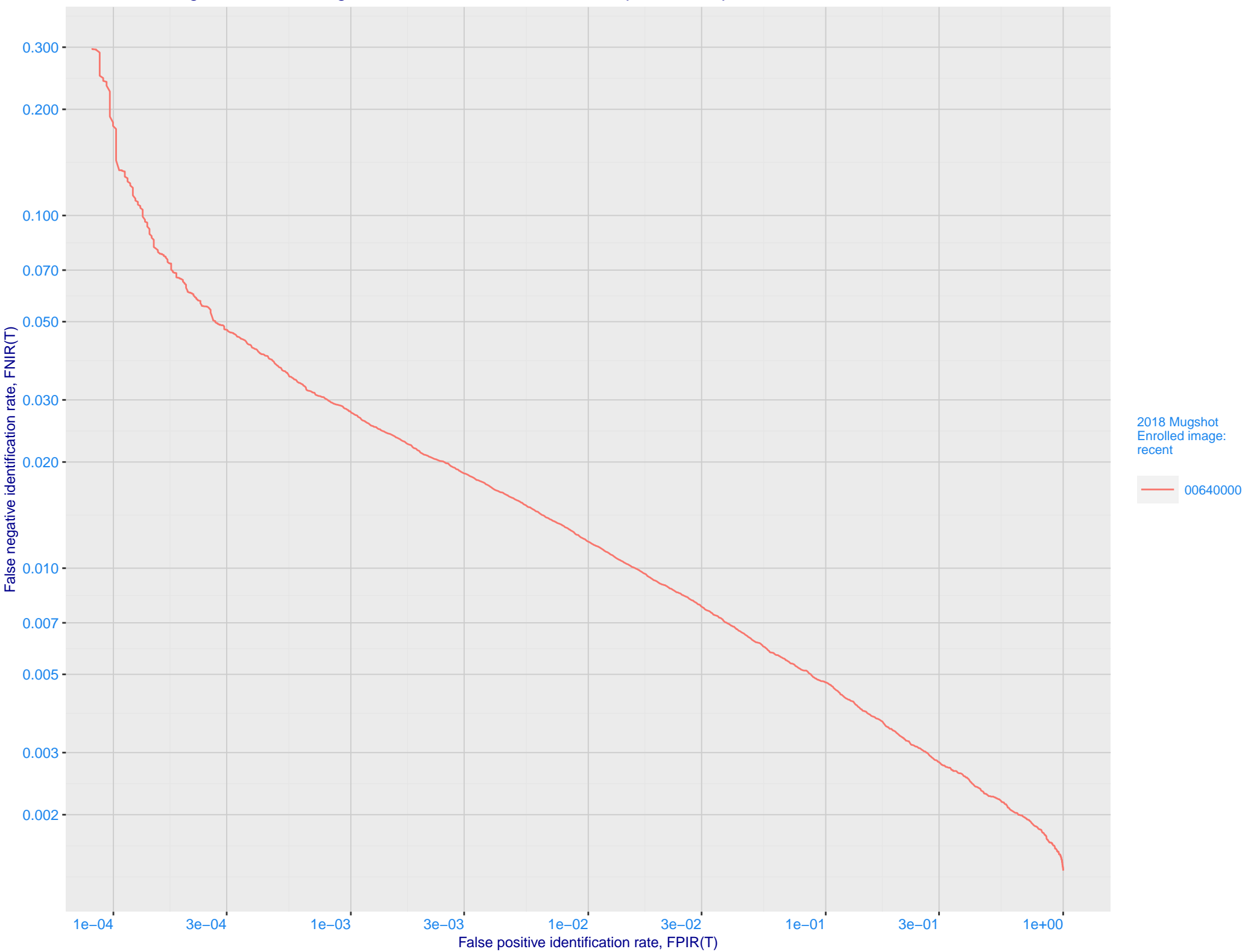
Selectivity, SEL(T)

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

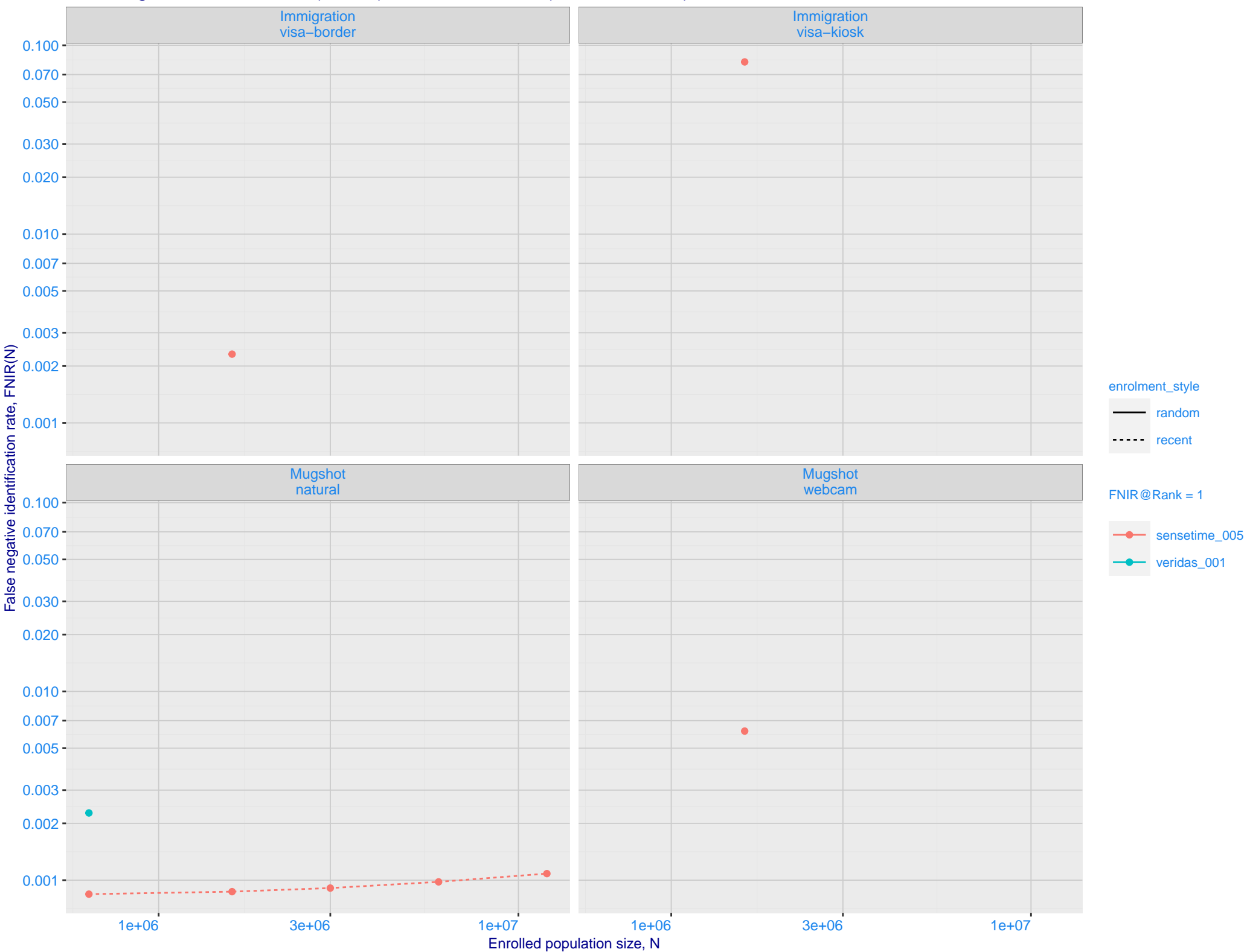
False Positive Identification Rate, FPIR(T)

Threshold

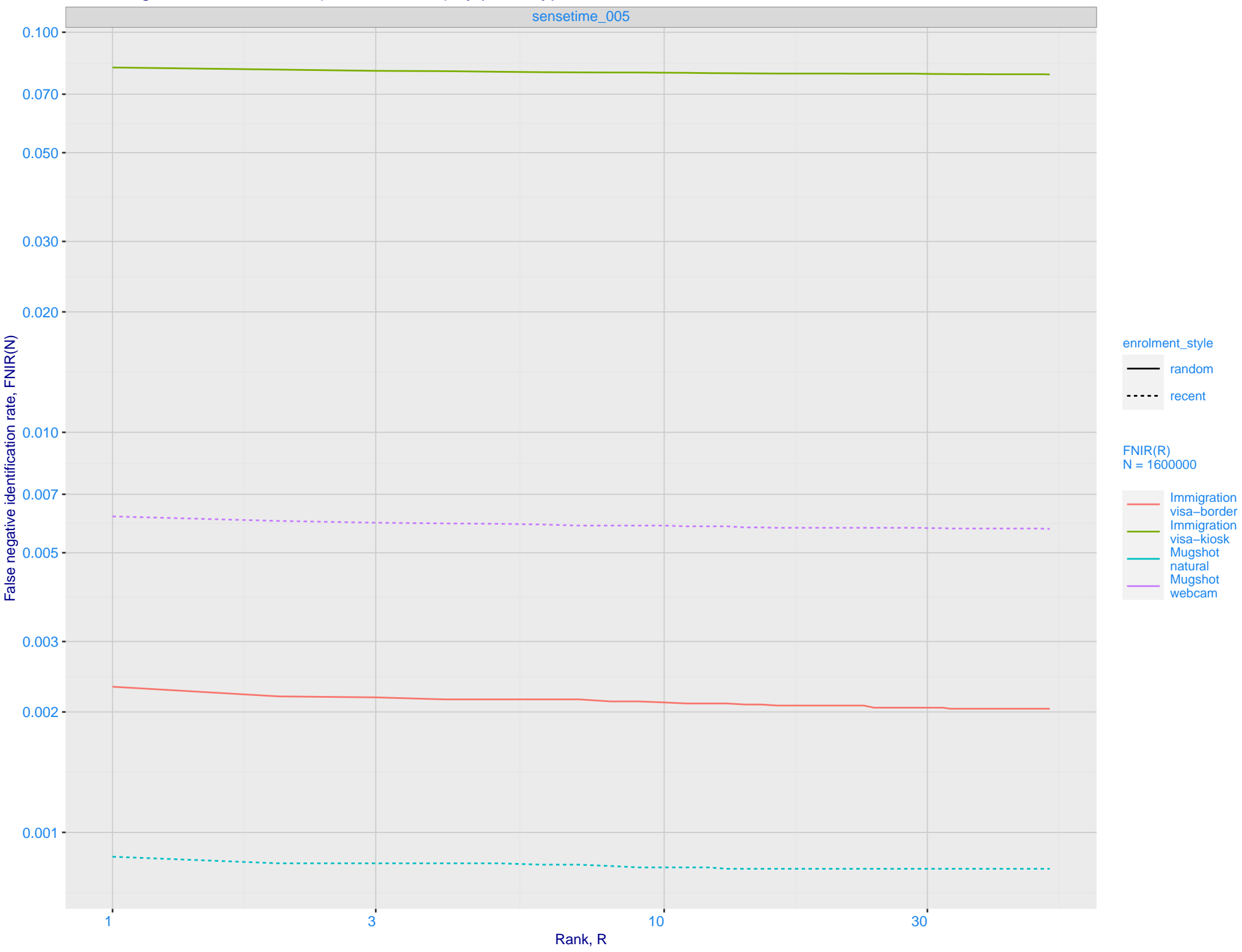
H: DET for Mugshot natural images and various N. Links connect points of equal threshold.



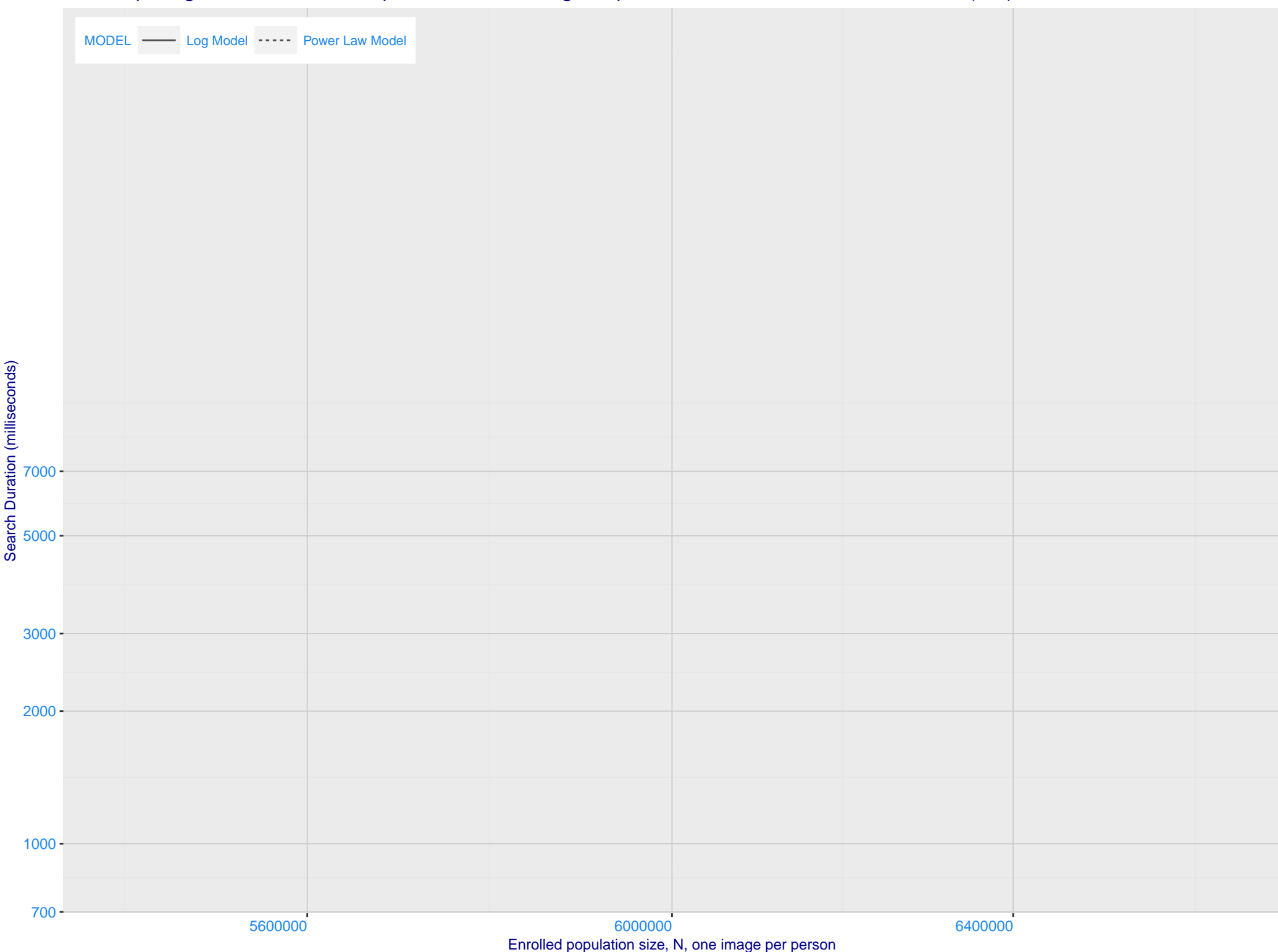
I: Investigational mode: FNIR(N, 1, 0) vs. most accurate (sensetime_005)



J: Investigational mode: FNIR(1600000, R, 0) by probe type



Template duration; search duration vs. N. The blue and pink ribbon covers 95 percent of observed measurements. The template generation time is independent of N. The log and power-law models are fit to the first two (N,T) observations



M: Identification FNIR(N, T, L+1) and Investigational FNIR(N, 0, R) under ageing

Dataset: 2018 Mugshot N = 3068801

