1. Report for algorithm kneron_000   2020−03−20 13:16:35

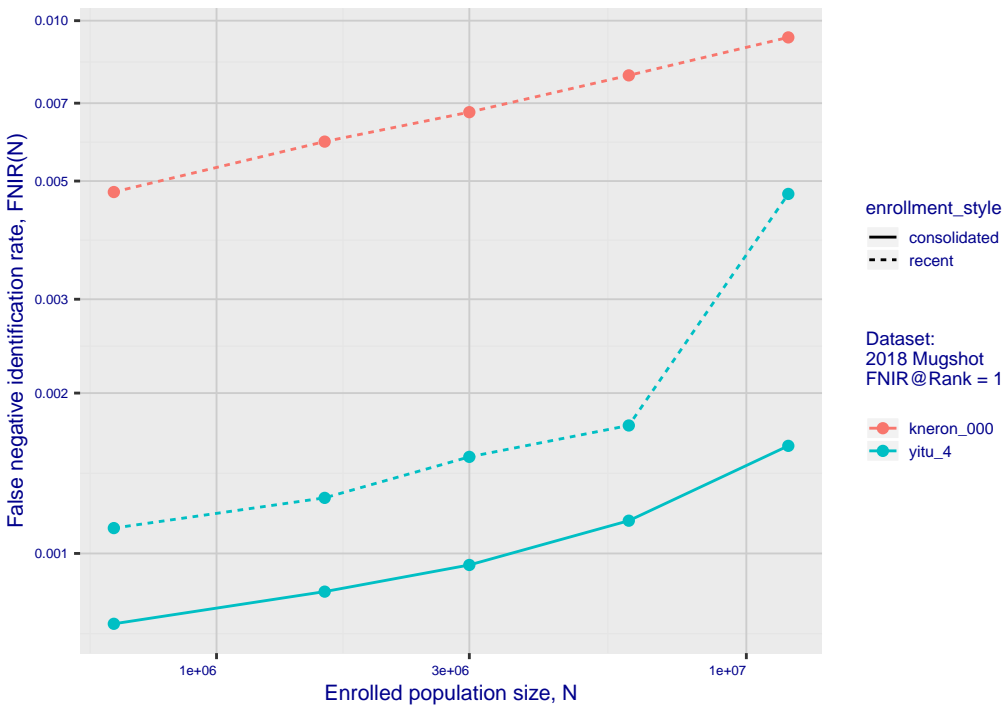### Fig 1: Investigational mode: FNIR(N, 1, 0) vs. most accurate (yitu_4)
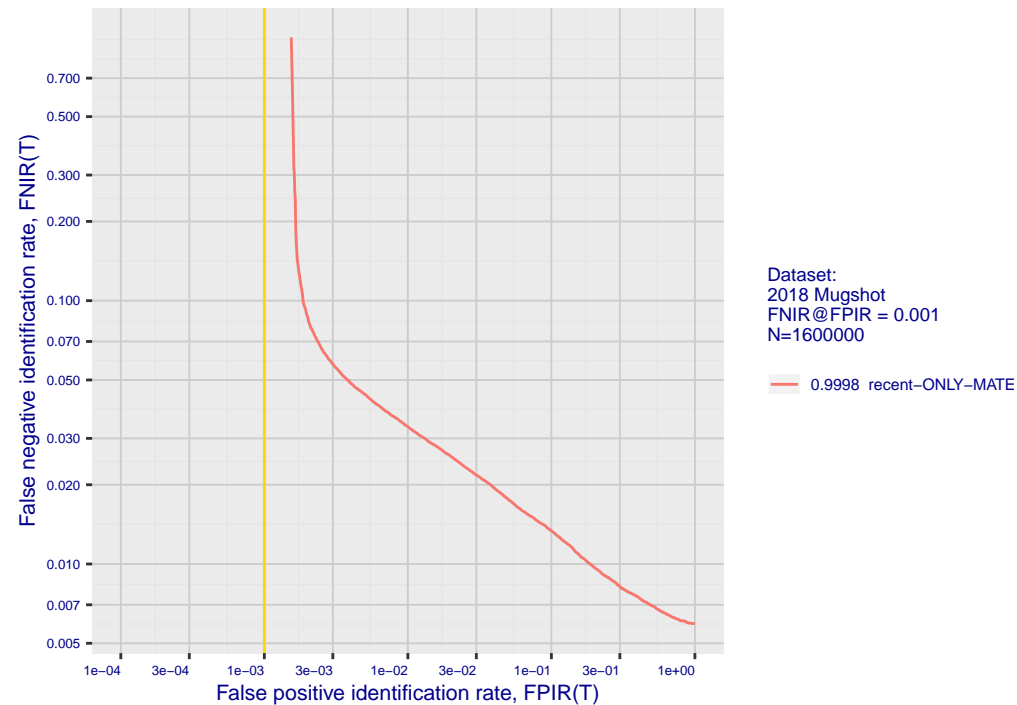

enrollment_style

— consolidated
---- recent

Dataset:
2018 Mugshot
FNIR@Rank = 1

—●— kneron_000
—●— yitu_4

Fig 2: DETs by enrollment type

Dataset:
2018 Mugshot
FNIR@FPIR = 0.001
N=1600000

— 0.9998 recent−ONLY−MATE

Fig 3: Identifcation mode: FNIR(N, L+1, T) vs. most accurate (nec_3)

enrollment_style

— consolidated
---- recent

Dataset:
2018 Mugshot
FNIR@FPIR = 0.001

—●— kneron_000
—●— nec_3

2. Report for algorithm kneron_000   2020−03−20 13:16:35
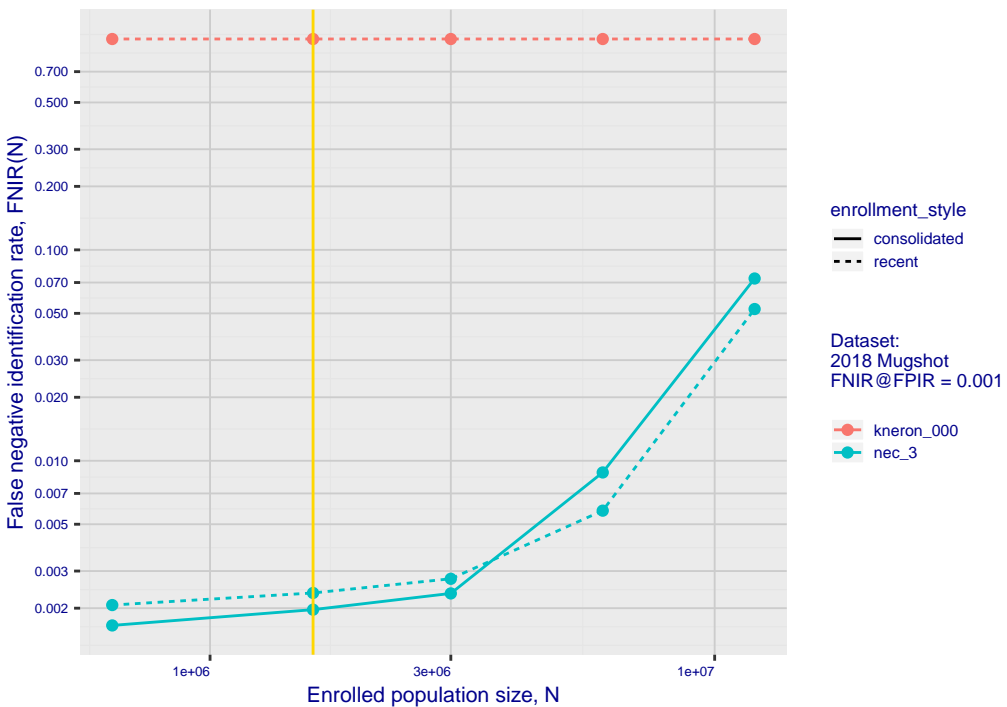
Fig 5: Dependence on T by number enrolled identities

Dataset: 2018 Mugshot

Legend: — 00640000 — 01600000 — 03000000 — 06000000 — 12000000

recent

FNIR

FPIR

Identification Error rate, FPIR(T) or FNIR(T)

Threshold
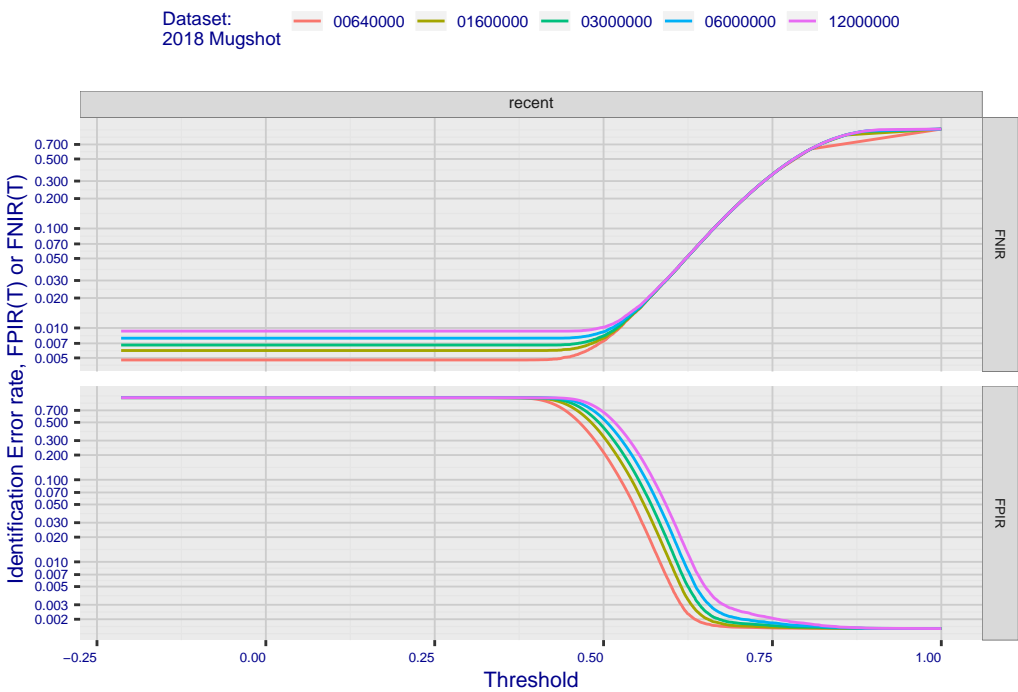
Fig 6: FPIR dependence on T by probe type

False Positive Idenification Rate, FPIR(T)

Threshold

Enrolled image: recent
N = 1600000

— natural
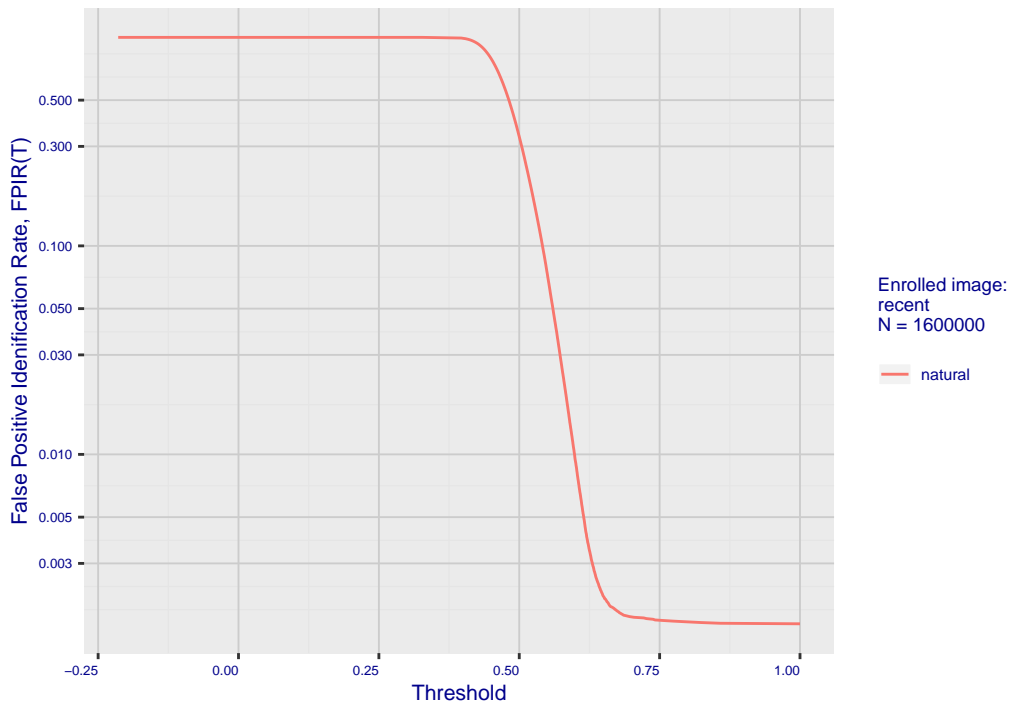
Fig 7: Investigational mode: FNIR(1600000, R, 0) by probe type

False negative identification rate, FNIR(N)

Rank, R

enrollment_style
— recent

FNIR(R)
N = 1600000

— natural
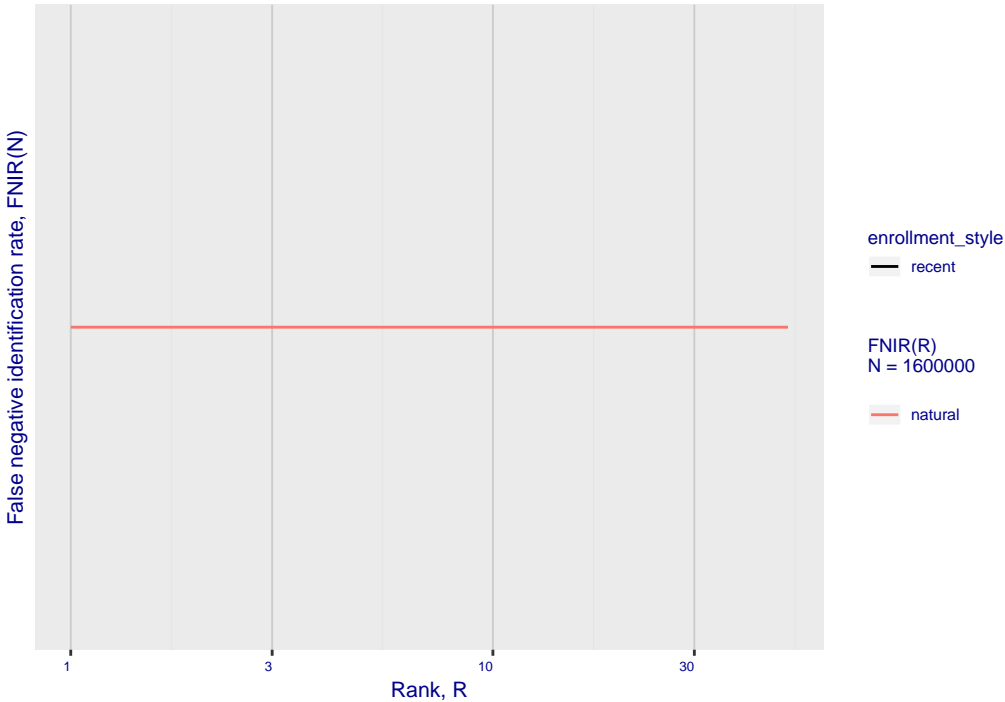
Fig 8: FPIR vs. Selectivity

Selectivity, SEL(T)

False Positive Idenification Rate, FPIR(T)

Enrolled images: recent
N = 1600000

— natural

3. Report for algorithm kneron_000   2020–03–20 13:16:35
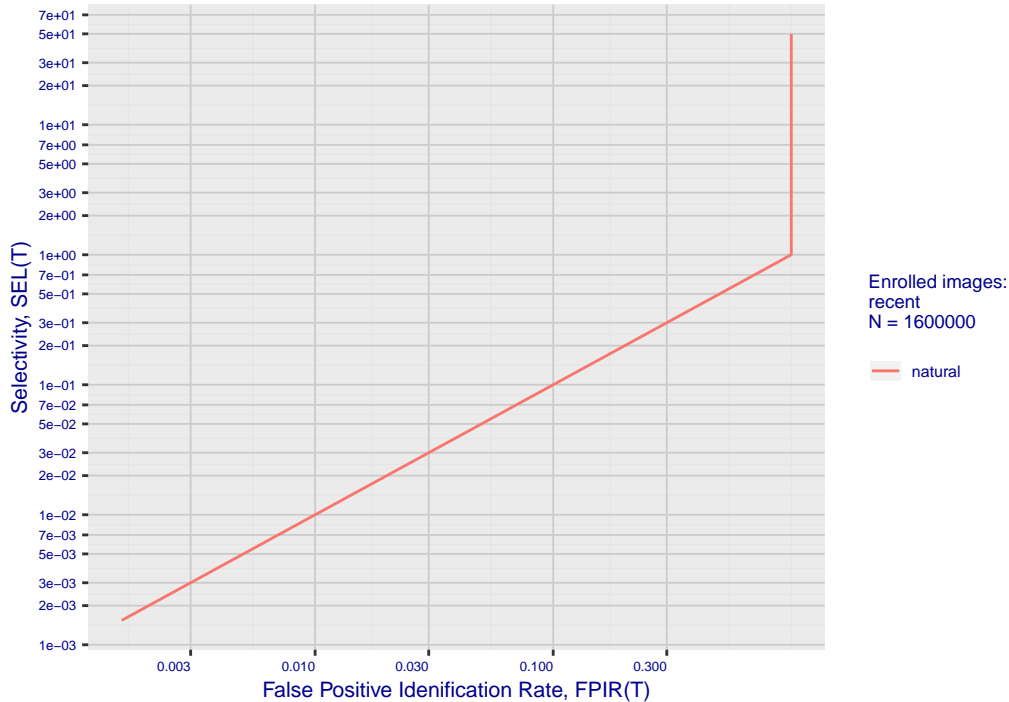
Fig 10: Template duration; search duration vs. N

Search Duration (milliseconds)

Enrolled population size, N, one image per person
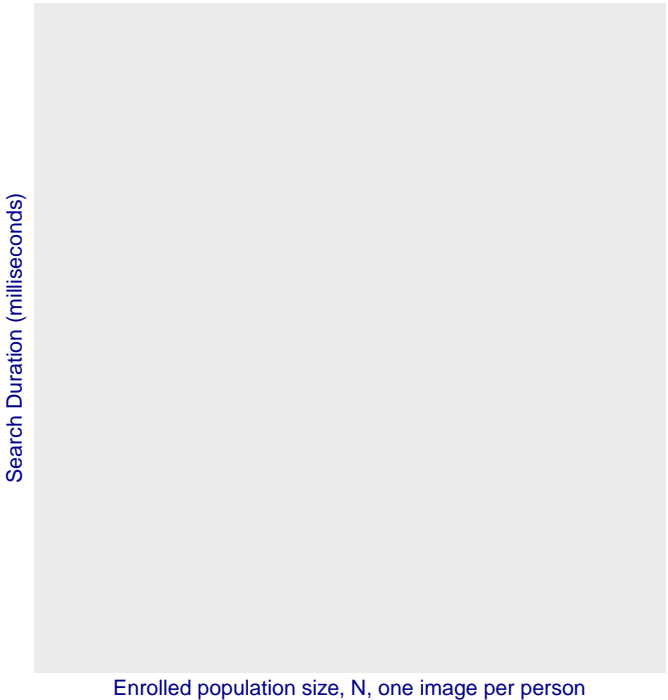
Fig 11: Datasheet

Algorithm: kneron_000

Developer: kneron

Submission Date: Kneron

Investigation rank 66 –– FNIR(1600000, 0, 1) = 0.0059 vs. lowest 0.0010 from sens

Identification rank 235 –– FNIR(1600000, T, L+1) = 0.9998
FPIR = 0.001 vs. lowest 0.0018 from sensetime_003