1. Report for algorithm dahua_0   2020–03–20 13:12:39

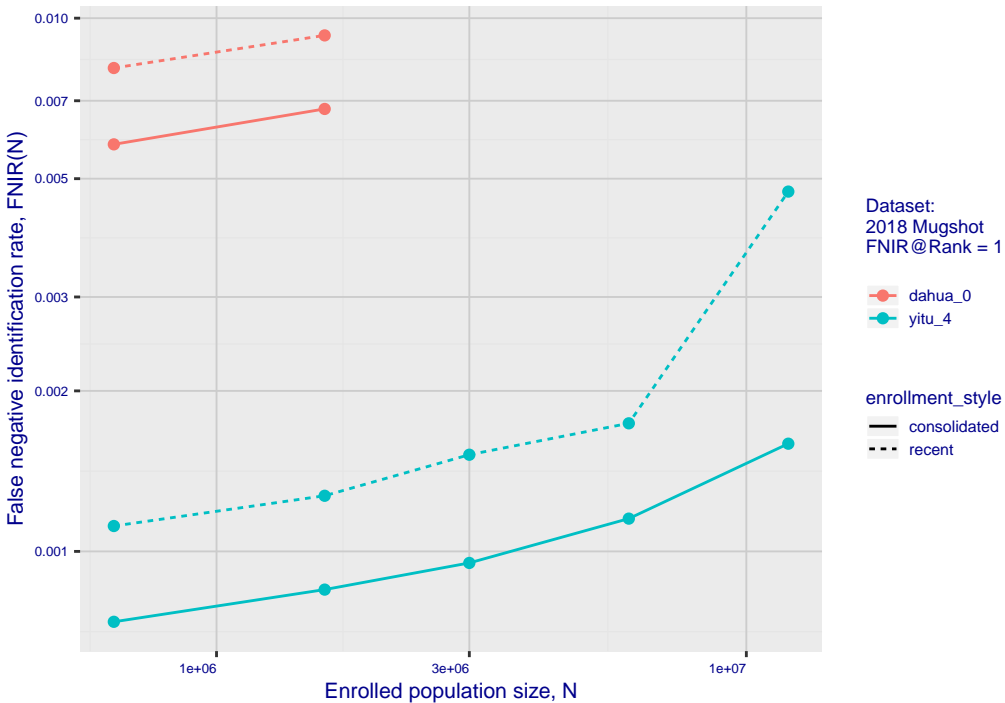**Fig 1: Investigational mode: FNIR(N, 1, 0) vs. most accurate (yitu_4)**

Dataset:
2018 Mugshot
FNIR@Rank = 1

● dahua_0
● yitu_4

enrollment_style
— consolidated
-- recent

Fig 2: DETs by enrollment type

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

— 0.0621 consolidated–ONLY–MATE
— 0.0861 recent–ONLY–MATE
— 0.1962 unconsolidated–ALL–MATES
— 0.0689 unconsolidated–ANY–MATE
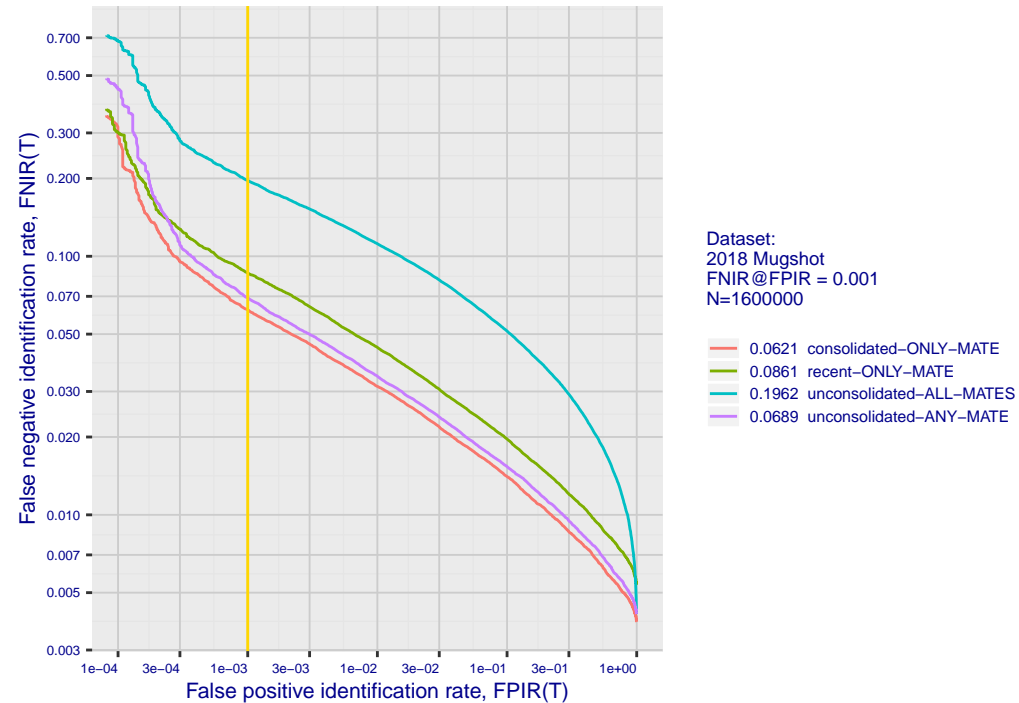
Fig 3: Identifcation mode: FNIR(N, L+1, T) vs. most accurate (nec_3)

Dataset:
2018 Mugshot
FNIR@FPIR = 0.001

● dahua_0
● nec_3

enrollment_style
— consolidated
-- recent
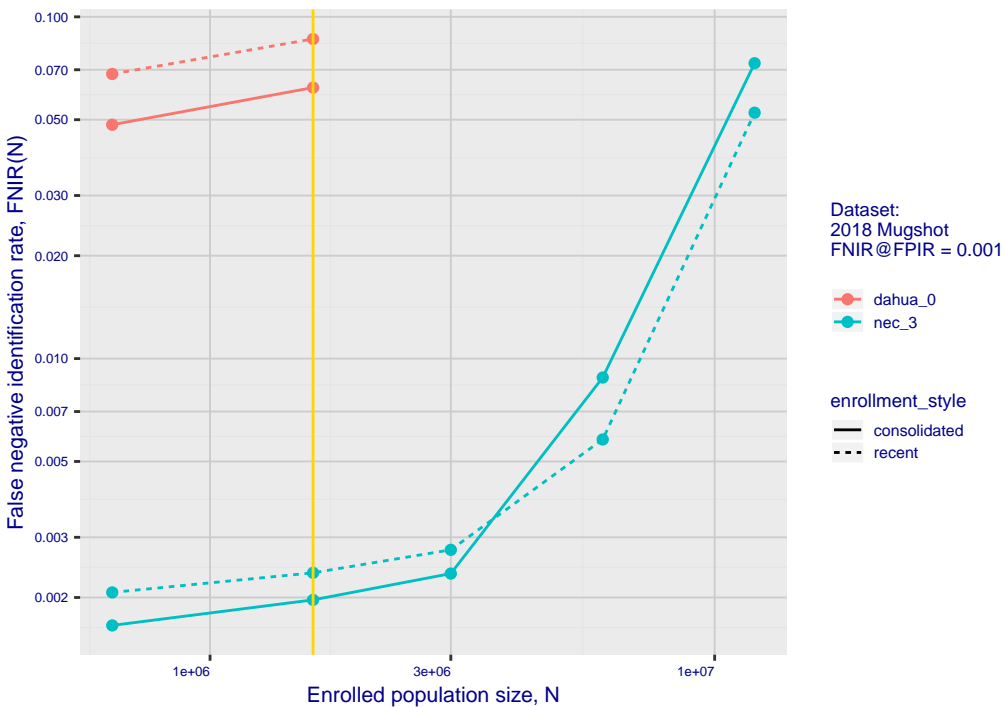
Fig 4: DET for various N. Links connect points of equal threshold.

Dataset:
2018 Mugshot
Enrolled image:
_consolidated

— 00640000
— 01600000

2. Report for algorithm dahua_0   2020−03−20 13:12:39
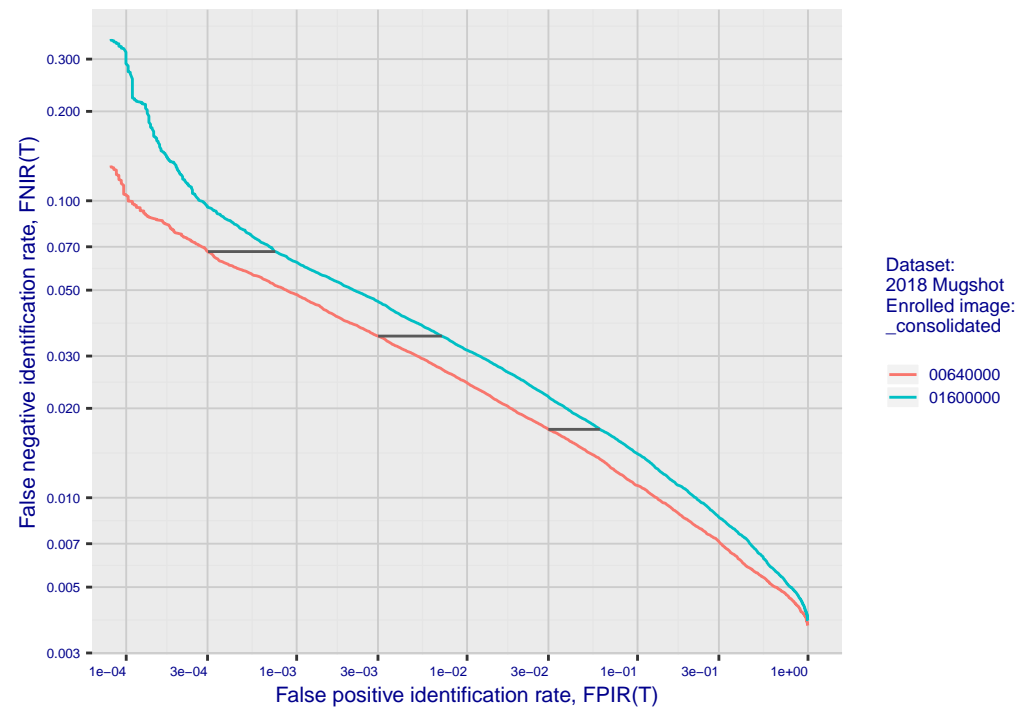
Fig 5: Dependence on T by number enrolled identities

Dataset:
2018 Mugshot

Fig 6: FPIR dependence on T by probe type

Enrolled image:
recent
N = 1600000

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

enrollment_style
— lifetime_consolidated
--- recent

FNIR(R)
N = 1600000
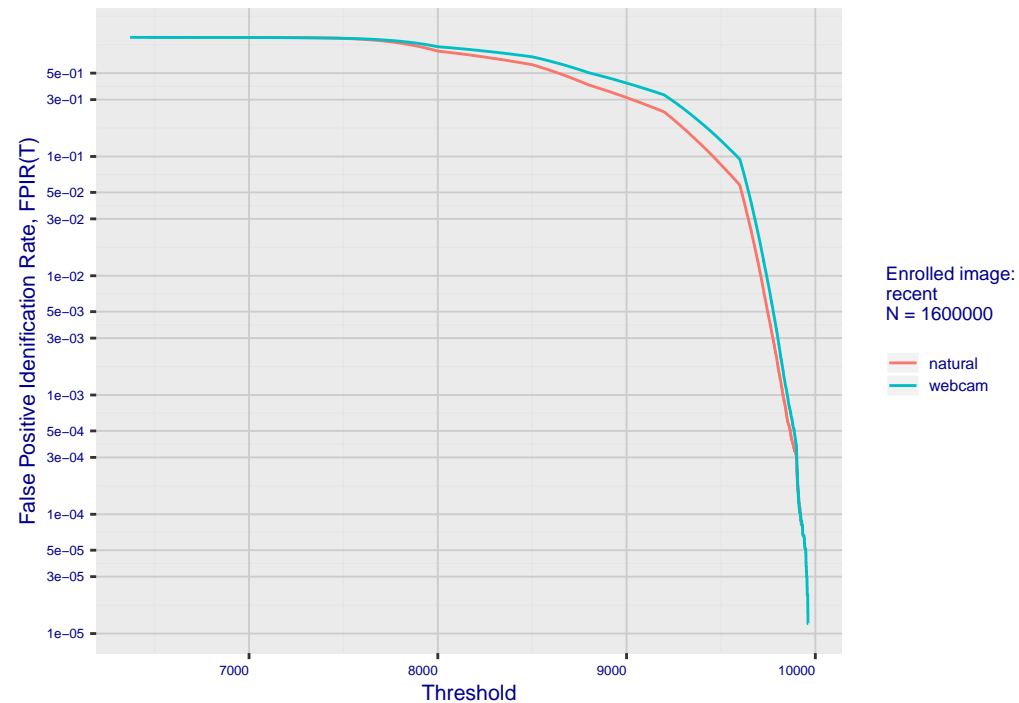
Fig 8: FPIR vs. Selectivity

Enrolled images:
recent
N = 1600000
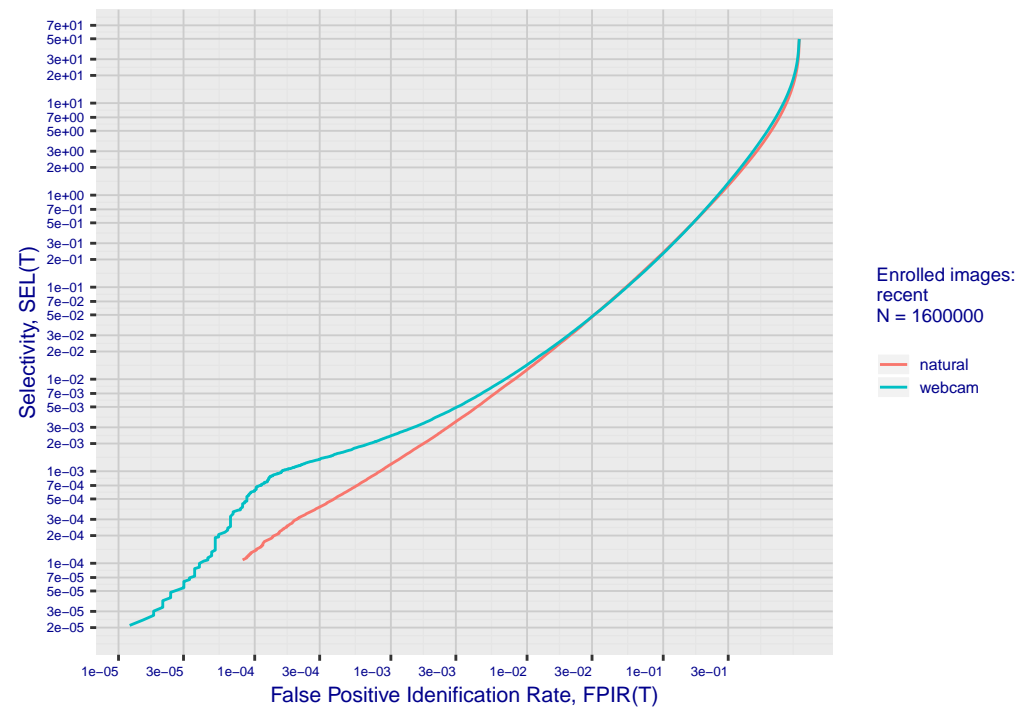
Fig 10: Template duration; search duration vs. N
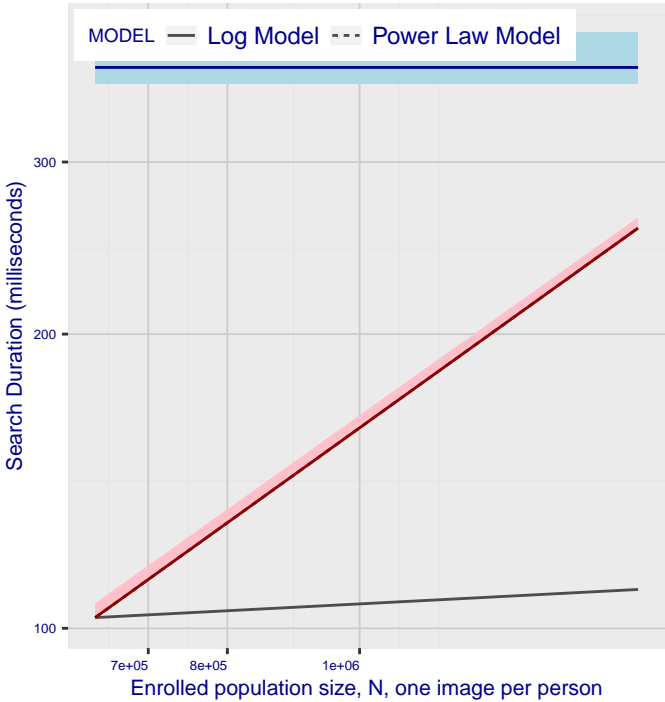
Fig 11: Datasheet

Algorithm: dahua_0

Developer: Dahua Technology Co Ltd

Submission Date: 2018_10_29

Template size: 2048 bytes

Template time (2.5 percentile): 361 msec

Template time (median): 375 msec

Template time (97.5 percentile): 407 msec

Investigation rank 95 –– FNIR(1600000, 0, 1) = 0.0093 vs. lowest 0.0010 from sens

Identification rank 94 –– FNIR(1600000, T, L+1) = 0.0861
        FPIR = 0.001 vs. lowest 0.0018 from sensetime_003