

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

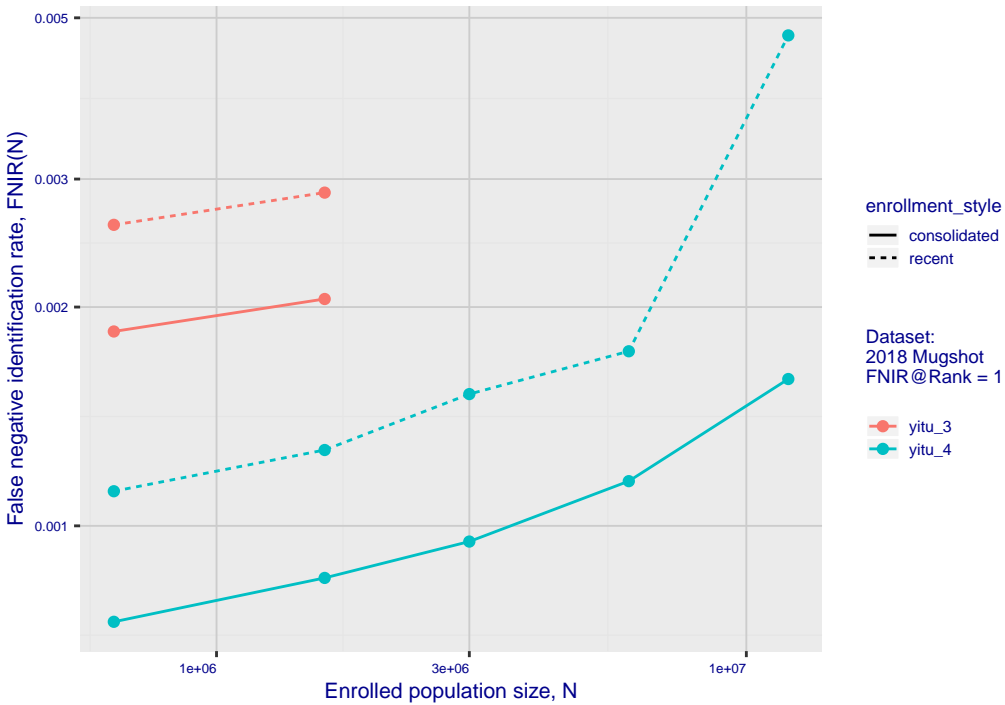


Fig 3: Identification mode: FNIR(N, L+1, T) vs. most accurate (nec_3)

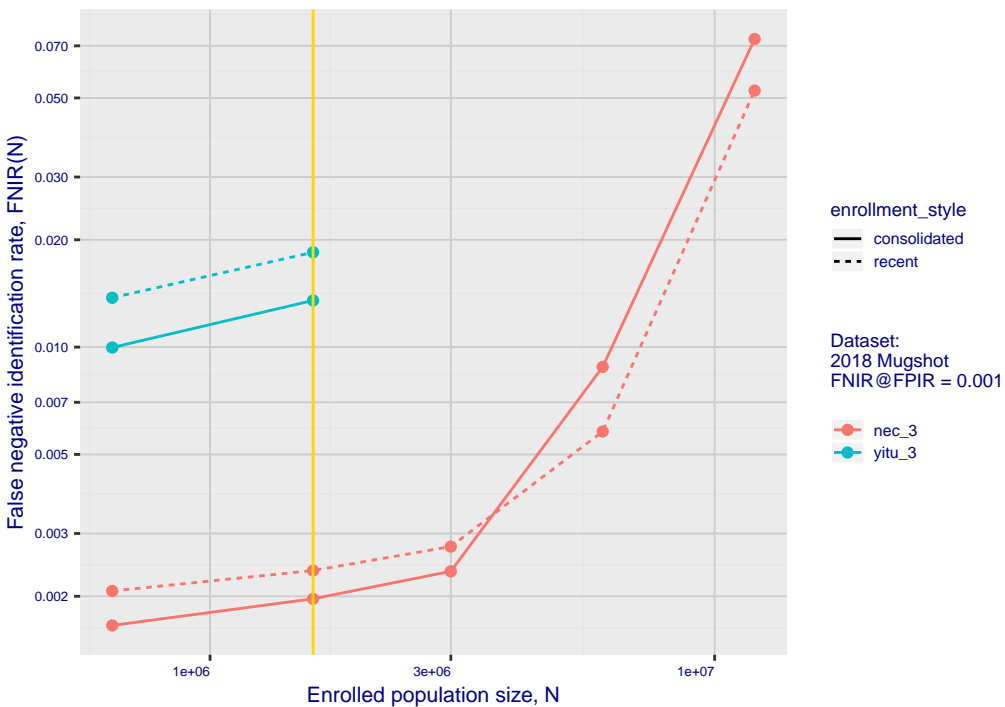


Fig 2: DETs by enrollment type

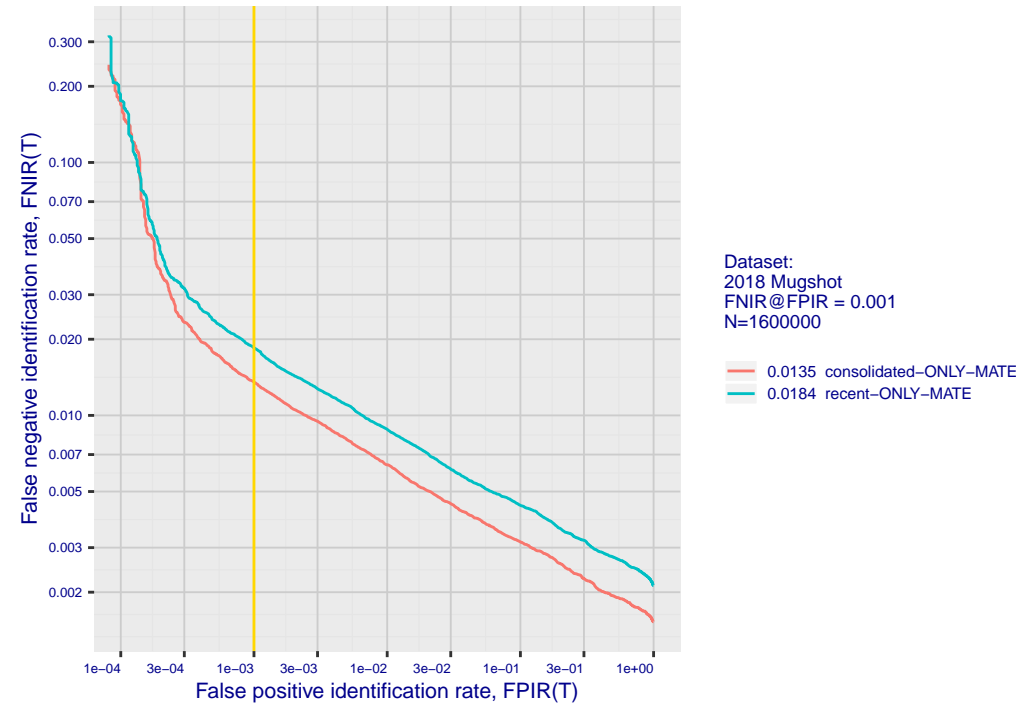


Fig 4: DET for various N. Links connect points of equal threshold.

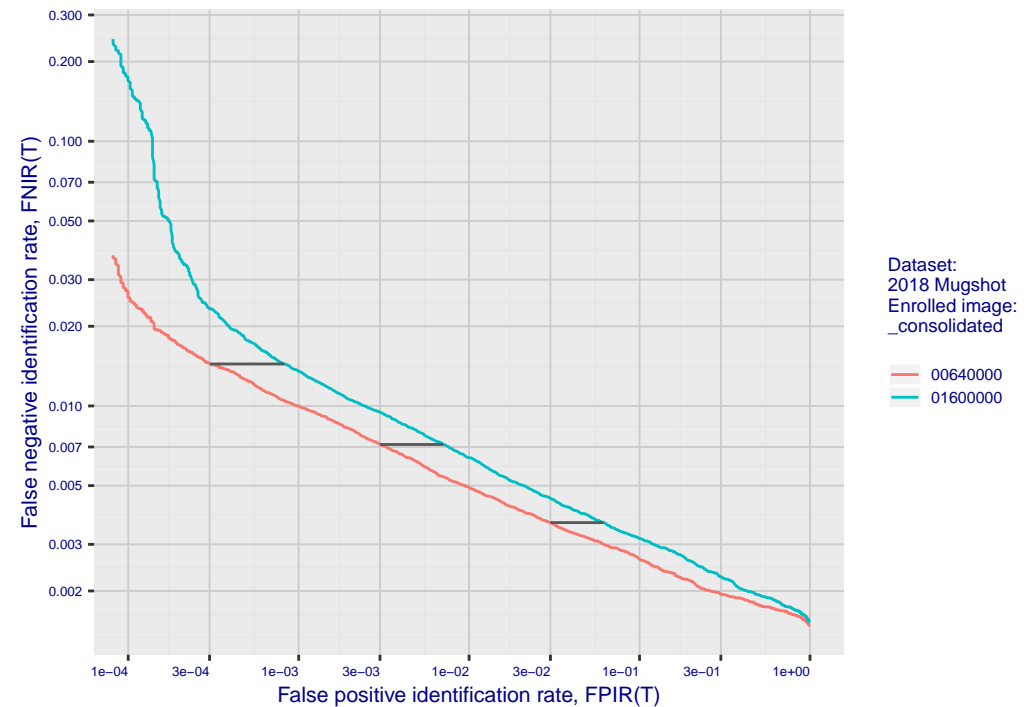


Fig 5: Dependence on T by number enrolled identities

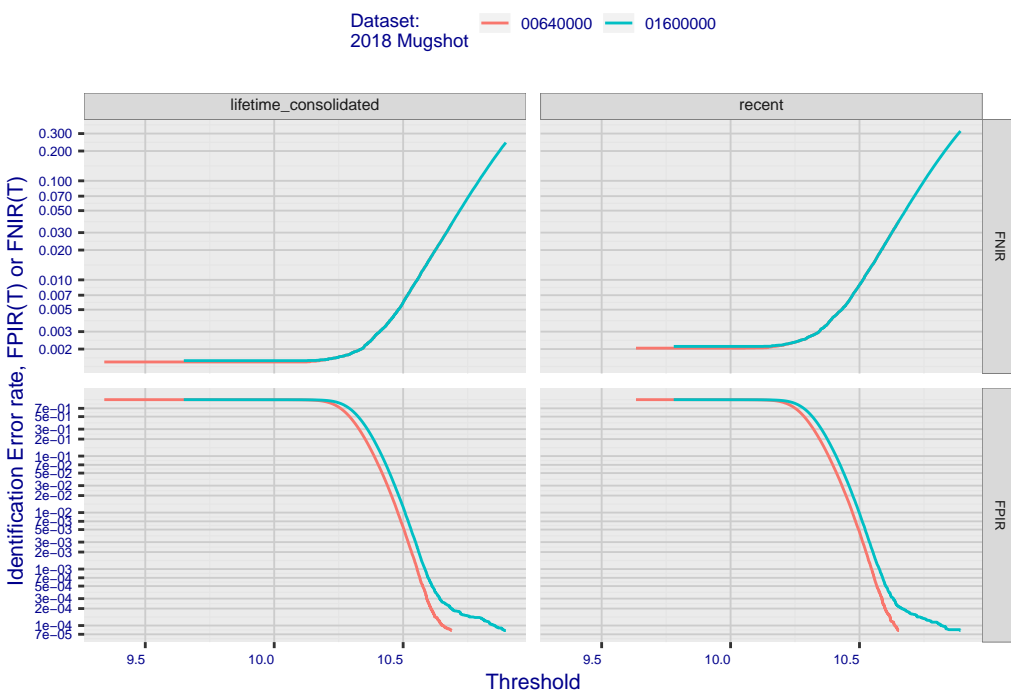
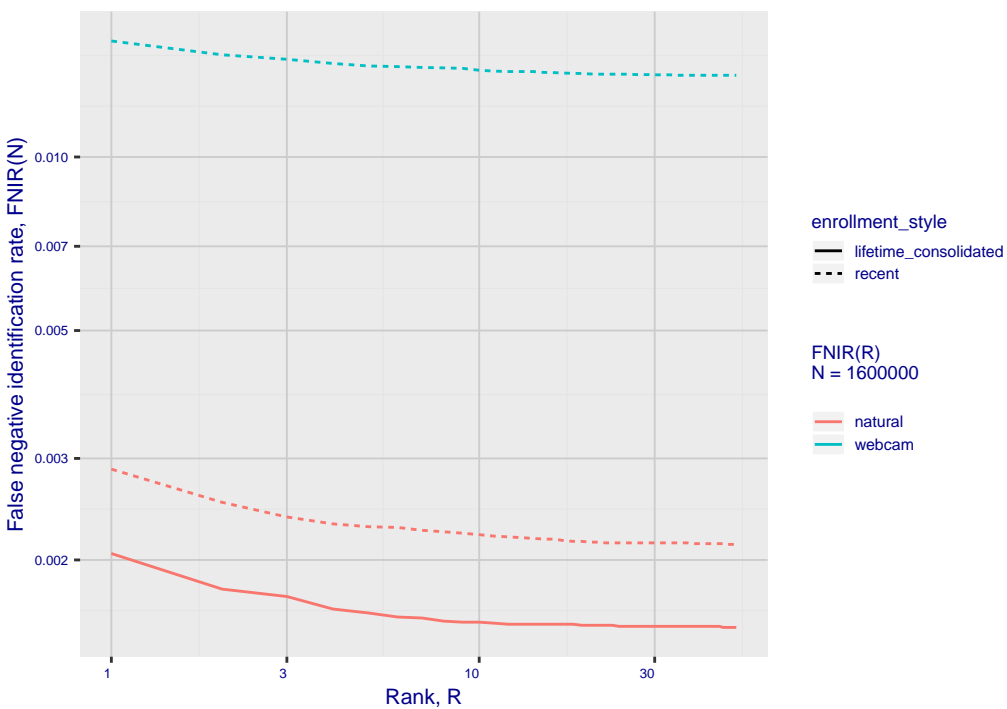
Fig 7: Investigational mode: $FNIR(1600000, R, 0)$ by probe type

Fig 6: FPIR dependence on T by probe type

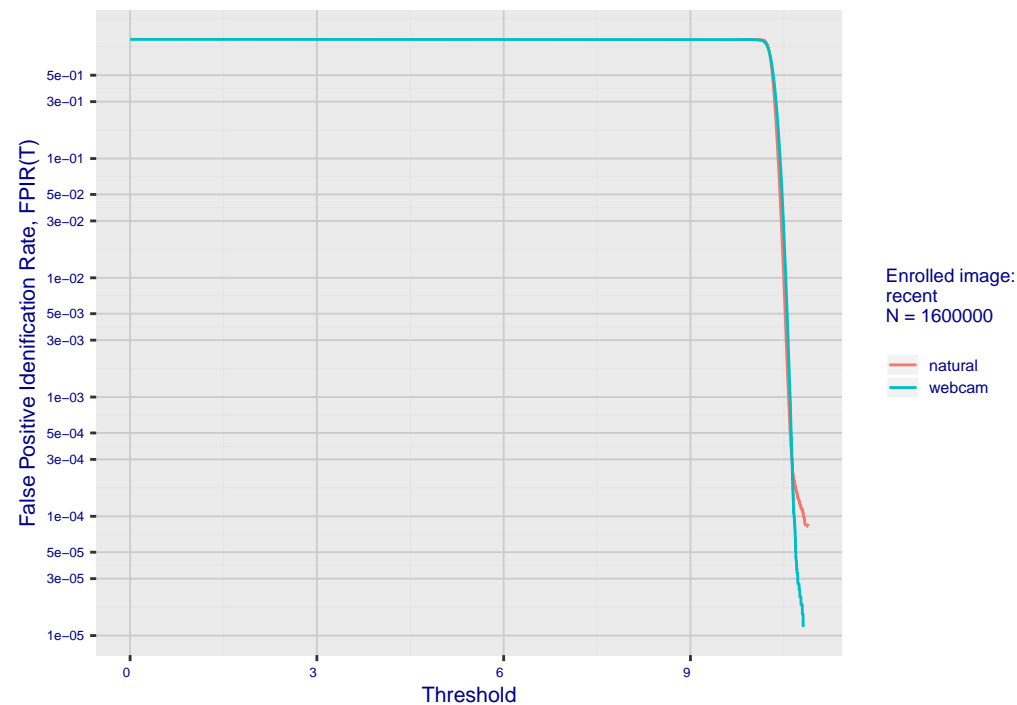


Fig 8: FPIR vs. Selectivity

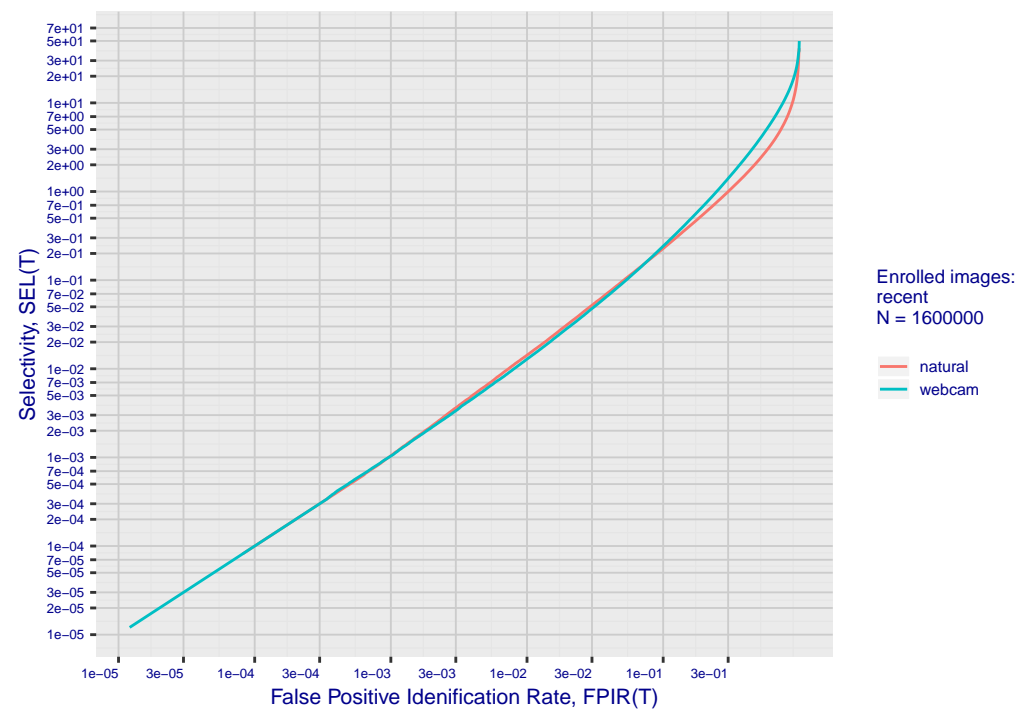


Fig 10: Template duration; search duration vs. N

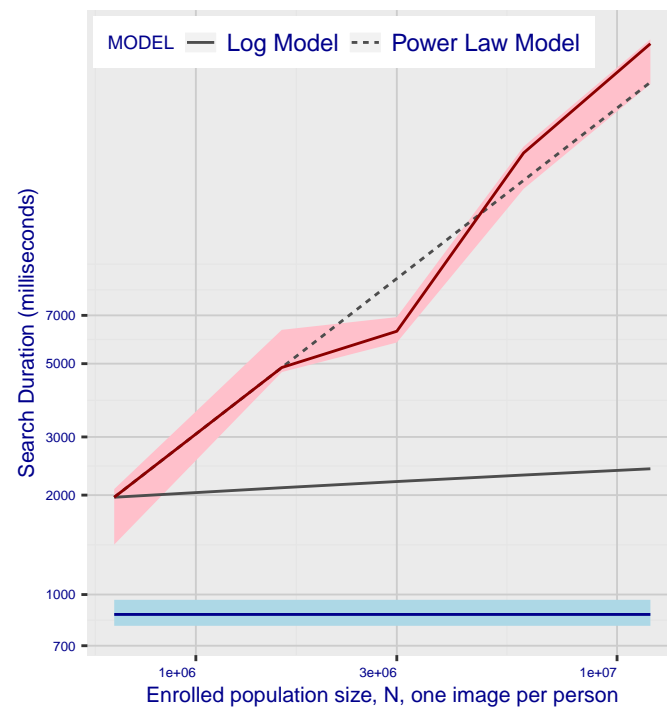


Fig 11: Datasheet

Algorithm: yitu_3
 Developer: Shanghai Yitu Technology
 Submission Date: 2018_06_21
 Template size: 4138 bytes
 Template time (2.5 percentile): 804 msec
 Template time (median): 871 msec
 Template time (97.5 percentile): 964 msec
 Investigation rank 30 — FNIR(1600000, 0, 1) = 0.0029 vs. lowest 0.0010 from sens
 Identification rank 16 — FNIR(1600000, T, L+1) = 0.0184
 FPIR = 0.001 vs. lowest 0.0018 from sensetime_003

Fig 12: Decline of genuine scores with ageing

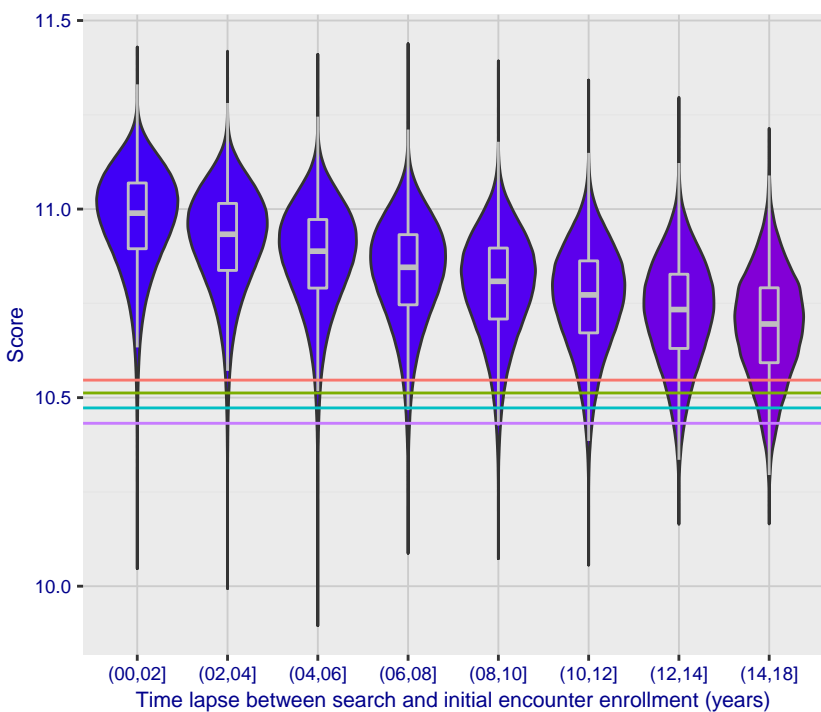


Fig 13: Identification FNIR(N, T, L+1) and Investigational FNIR(N, 0, R) under ageing

