1. Report for algorithm cogent_3 2020−03−20 13:14:37

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

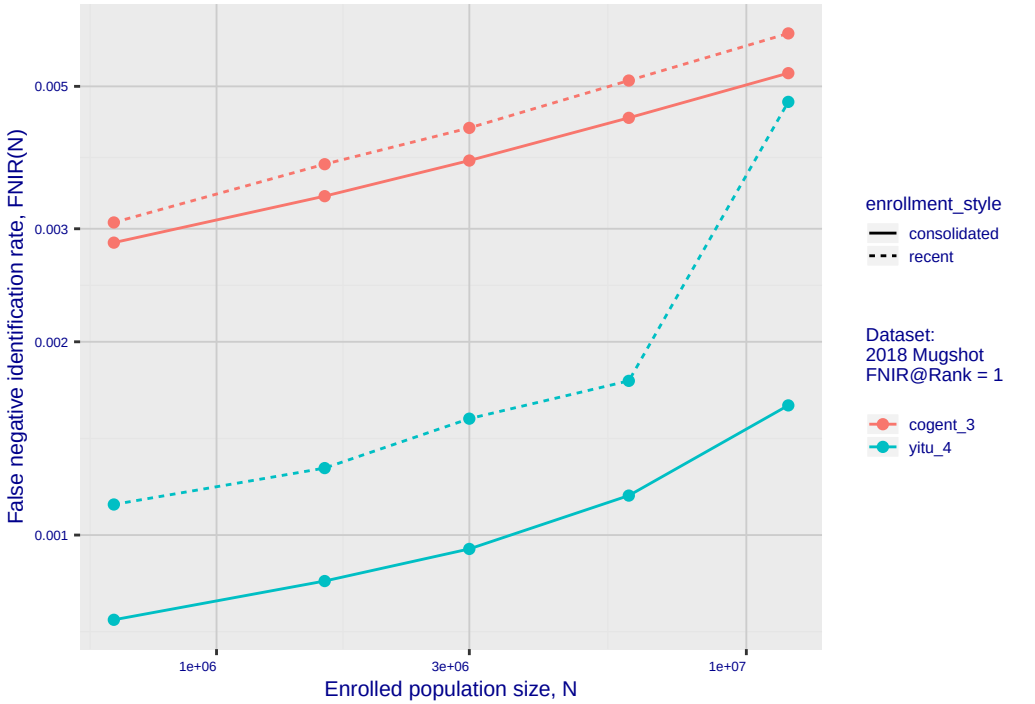


Fig 2: DETs by enrollment type

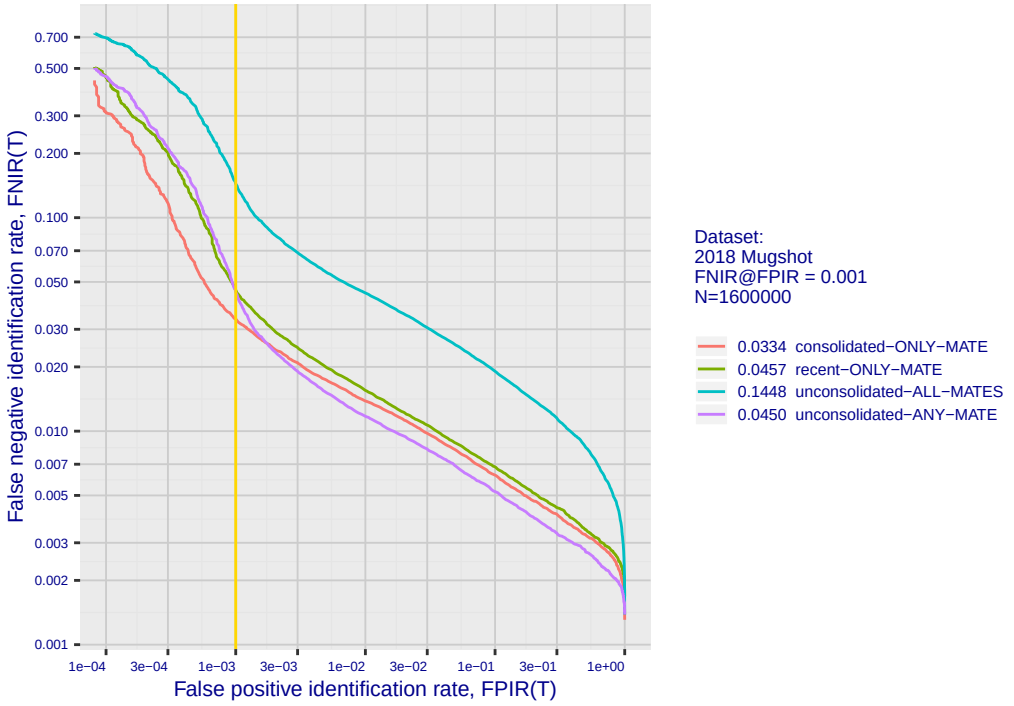


Fig 3: Identifcation mode: FNIR(N, L+1, T) vs. most accurate (nec_3)

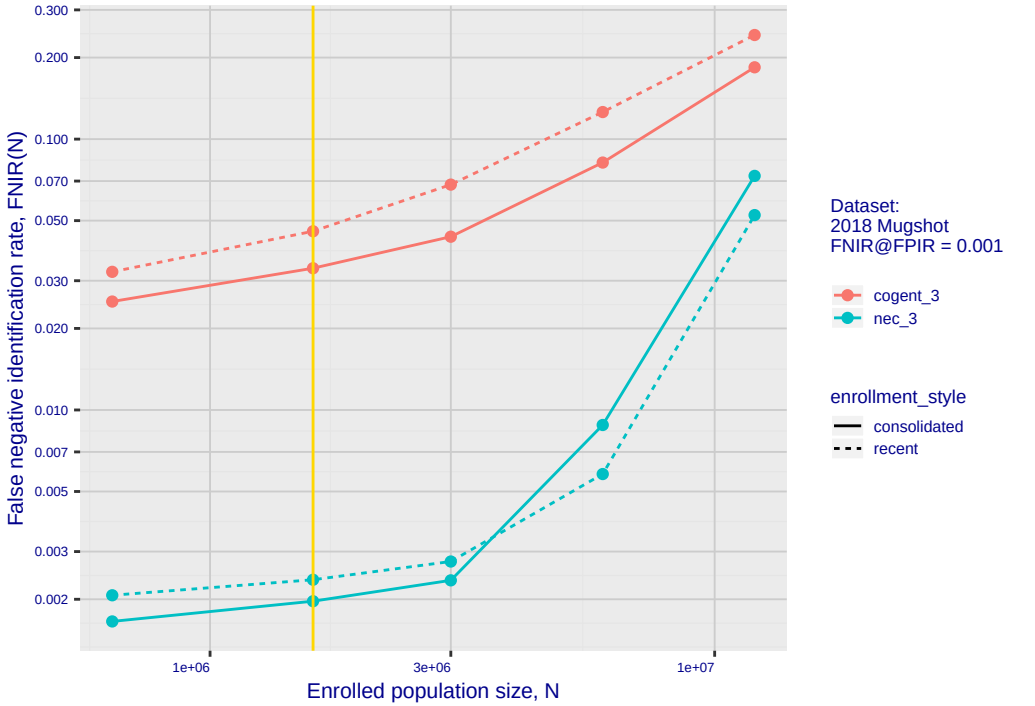
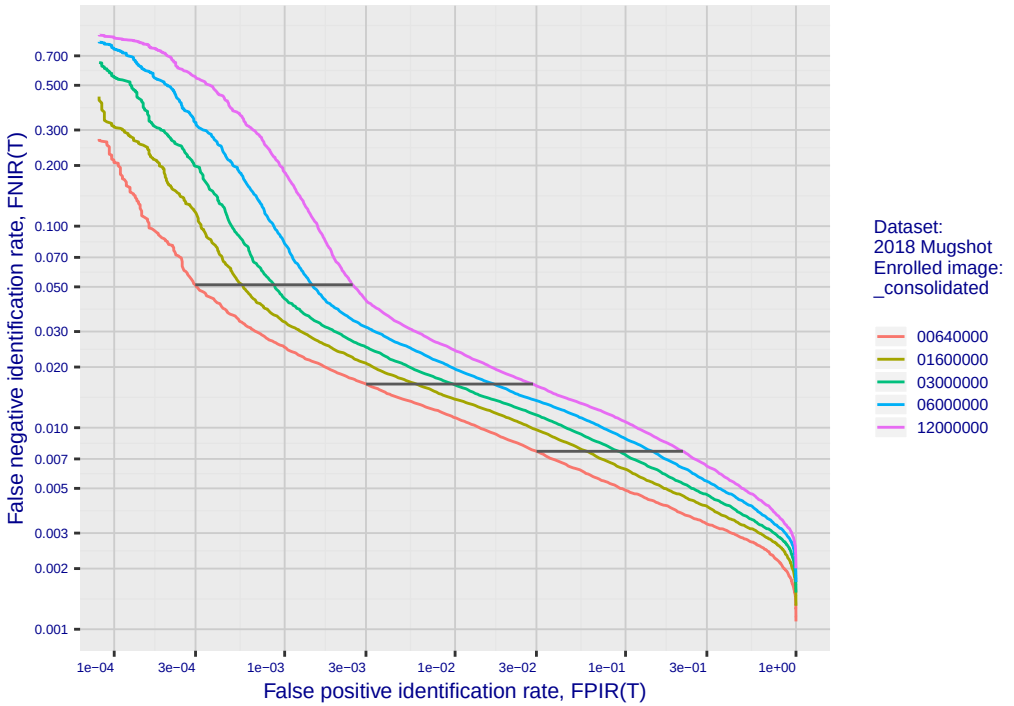


Fig 4: DET for various N. Links connect points of equal threshold.



2. Report for algorithm cogent_3 2020−03−20 13:14:37

Fig 5: Dependence on T by number enrolled identities

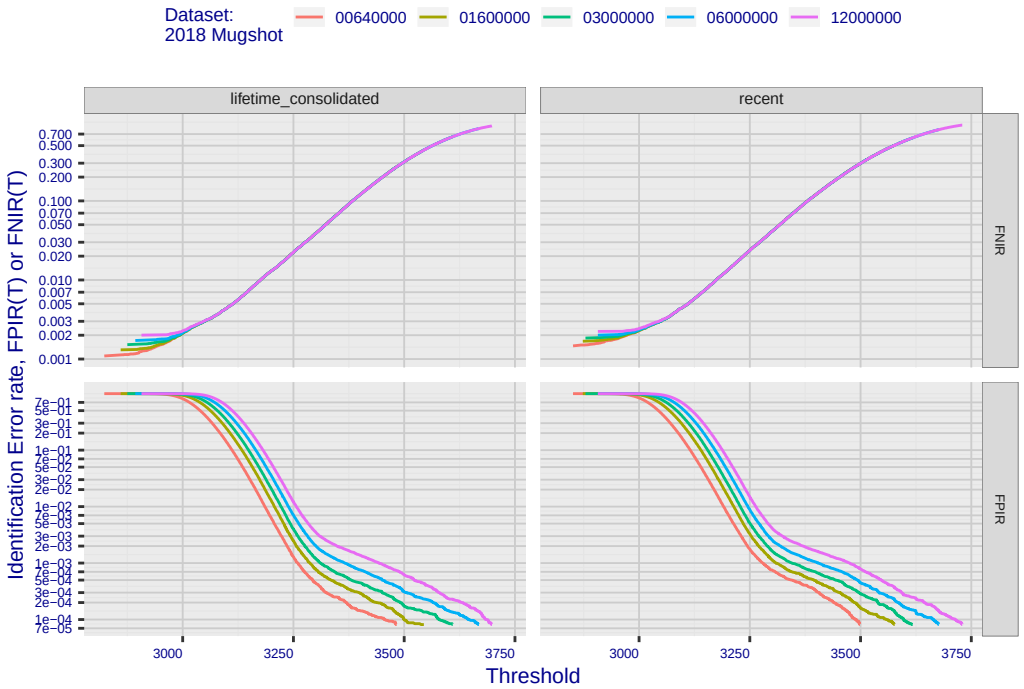


Fig 6: FPIR dependence on T by probe type

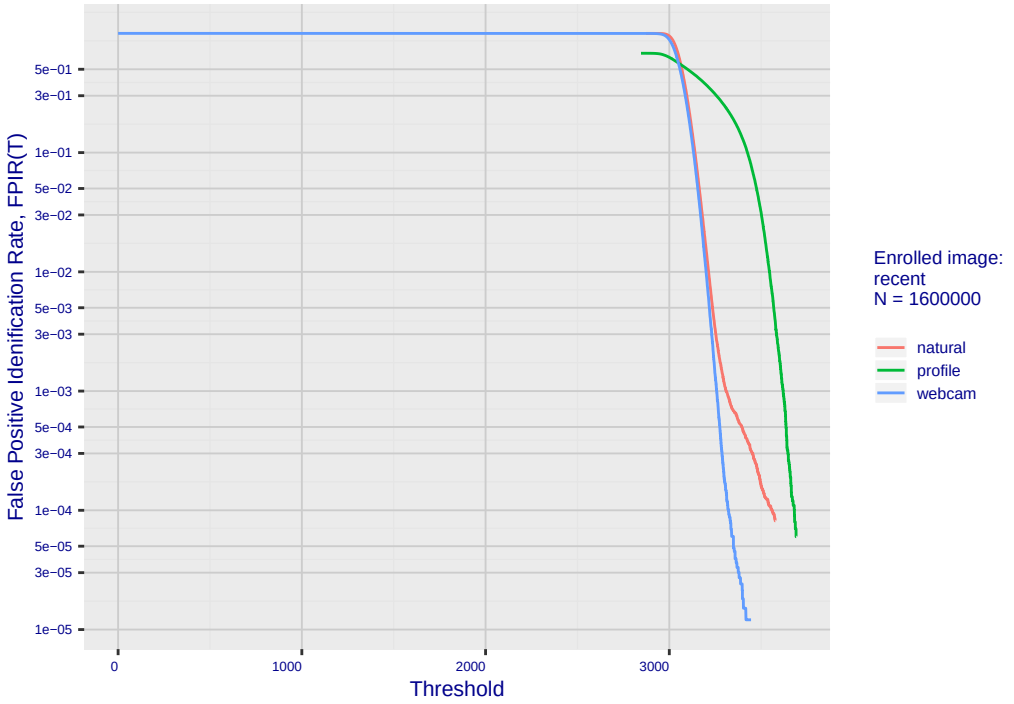


Fig 7: Investigational mode: FNIR(1600000, R, 0) by probe type

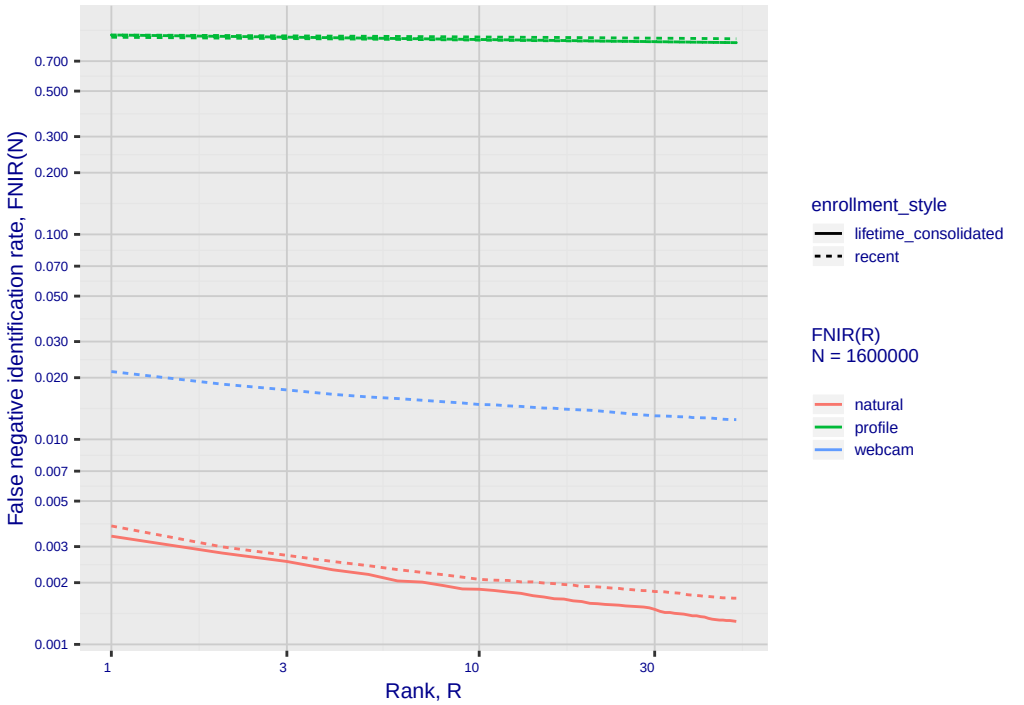
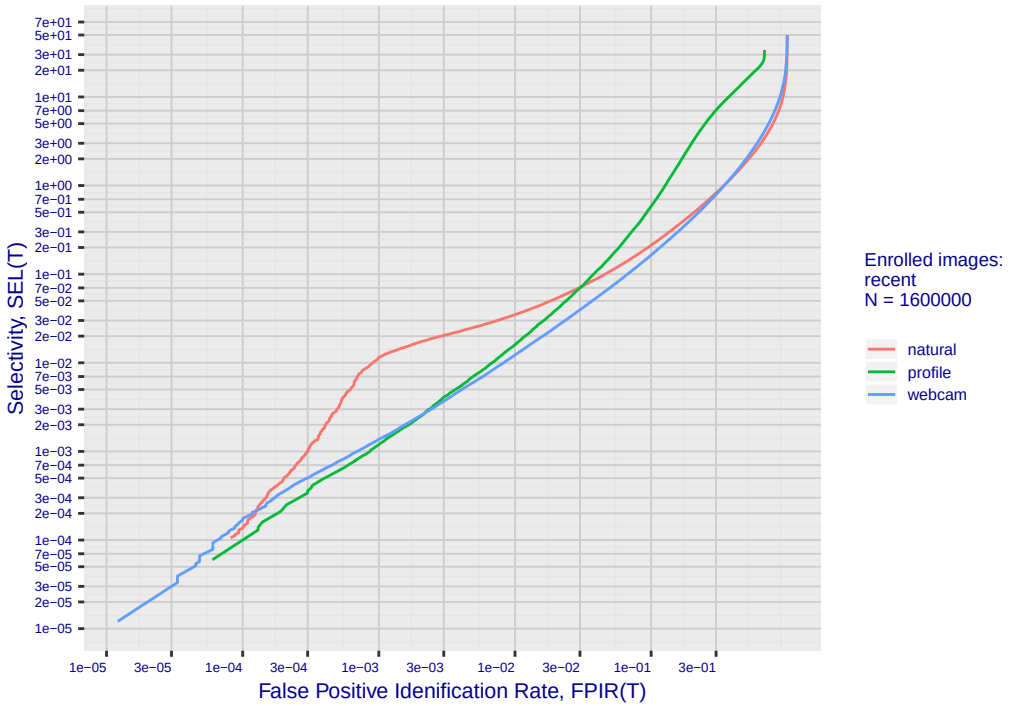


Fig 8: FPIR vs. Selectivity



3. Report for algorithm cogent_3 2020−03−20 13:14:37

Fig 10: Template duration; search duration vs. N

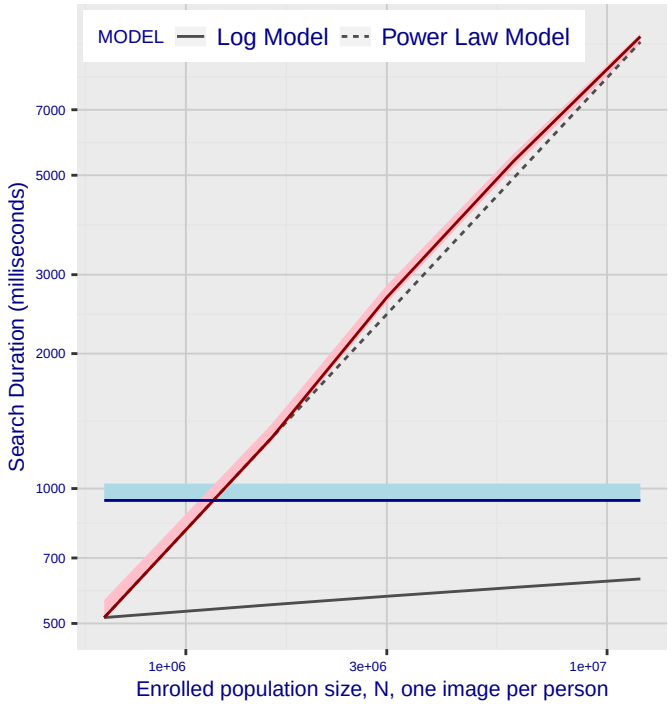


Fig 11: Datasheet

Algorithm: cogent_3

Developer: Thales

Submission Date: 2018_10_30

Template size: 1043 bytes

Template time (2.5 percentile): 939 msec

Template time (median): 941 msec

Template time (97.5 percentile): 1025 msec

Investigation rank 40 −− FNIR(1600000, 0, 1) = 0.0038 vs. lowest 0.0010 from sens

Identification rank 49 −− FNIR(1600000, T, L+1) = 0.0457
FPIR = 0.001 vs. lowest 0.0018 from sensetime_003

Fig 12: Decline of genuine scores with ageing

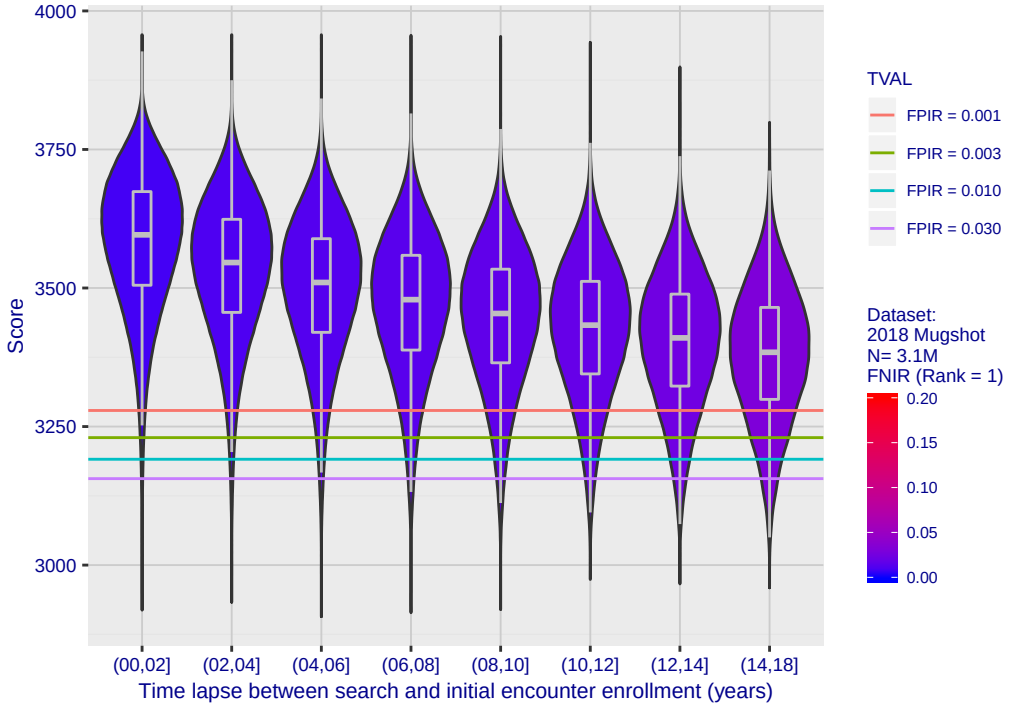
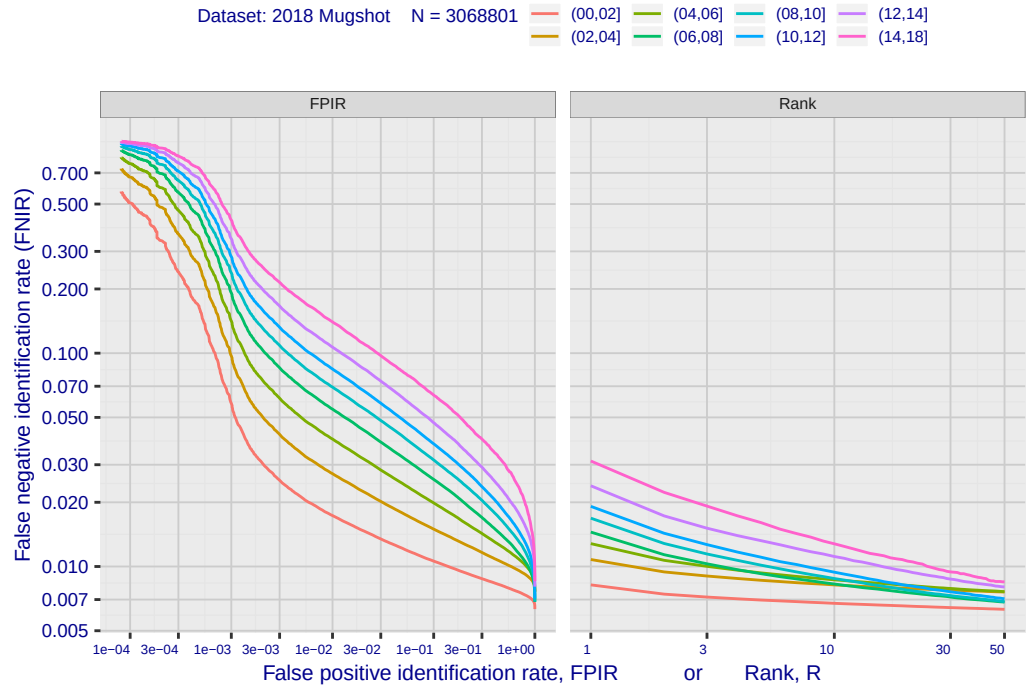



Fig 13: Identification FNIR(N, T, L+1) and Investigational FNIR(N, 0, R) under ageing