|                            | Confusion matix  |        |      |     |      |        |       |       |       |       |       |      |  |
|----------------------------|--|--------|------|-----|------|--------|-------|-------|-------|-------|-------|------|--|
| 20.5                       | 470  | 1470   | 39   | 9   | 13   | 521    | 619   | 150   | 44    | 30    | 57    | 20   |  |
| 22.5                       | 1470   | 319452 | 2948 | 96  | 87   | 4277   | 2630  | 1264  | 668   | 376   | 2141  | 1580 |  |
| 23.5                       | 39   | 2948   | 3382 | 3   | 3    | 248    | 59    | 54    | 24    | 22    | 24    | 8    |  |
| 24.5                       | 9  | 96     | 3    | 350 | 1    | 475    | 22    | 4     | 21    | 3     | 1     | 1    |  |
| 25.5                       | 13   | 87     | 3    | 1   | 5635 | 1461   | 90    | 48    | 17    | 12    | 11    | 5    |  |
| ed allele<br>26.5          | 521  | 4277   | 248  | 475 | 1461 | 107420 | 5680  | 658   | 379   | 173   | 97    | 602  |  |
| predicted allele 27.5 26.5 | 619  | 2630   | 59   | 22  | 90   | 5680   | 99211 | 5146  | 653   | 186   | 146   | 51   |  |
| 28.5                       | 150  | 1264   | 54   | 4   | 48   | 658    | 5146  | 30962 | 200   | 163   | 124   | 86   |  |
| 29.5                       | 44   | 668    | 24   | 21  | 17   | 379    | 653   | 200   | 10857 | 520   | 897   | 303  |  |
| 30.5                       | 30   | 376    | 22   | 3   | 12   | 173    | 186   | 163   | 520   | 12417 | 805   | 449  |  |
| 31.5                       | 57   | 2141   | 24   | 1   | 11   | 97     | 146   | 124   | 897   | 805   | 12115 | 972  |  |
| 32.5                       | 20   | 1580   | 8    | 1   | 5    | 602    | 51    | 86    | 303   | 449   | 972   | 5693 |  |
|                            | 20.5 22.5 23.5 24.5 25.5 26.5 27.5 28.5 29.5 30.5 31.<br>true allele |        |      |     |      |        |       | 31.5  | 32.5  |       |       |      |  |

- 300000

- 250000

- 200000

- 150000

- 100000

- 50000

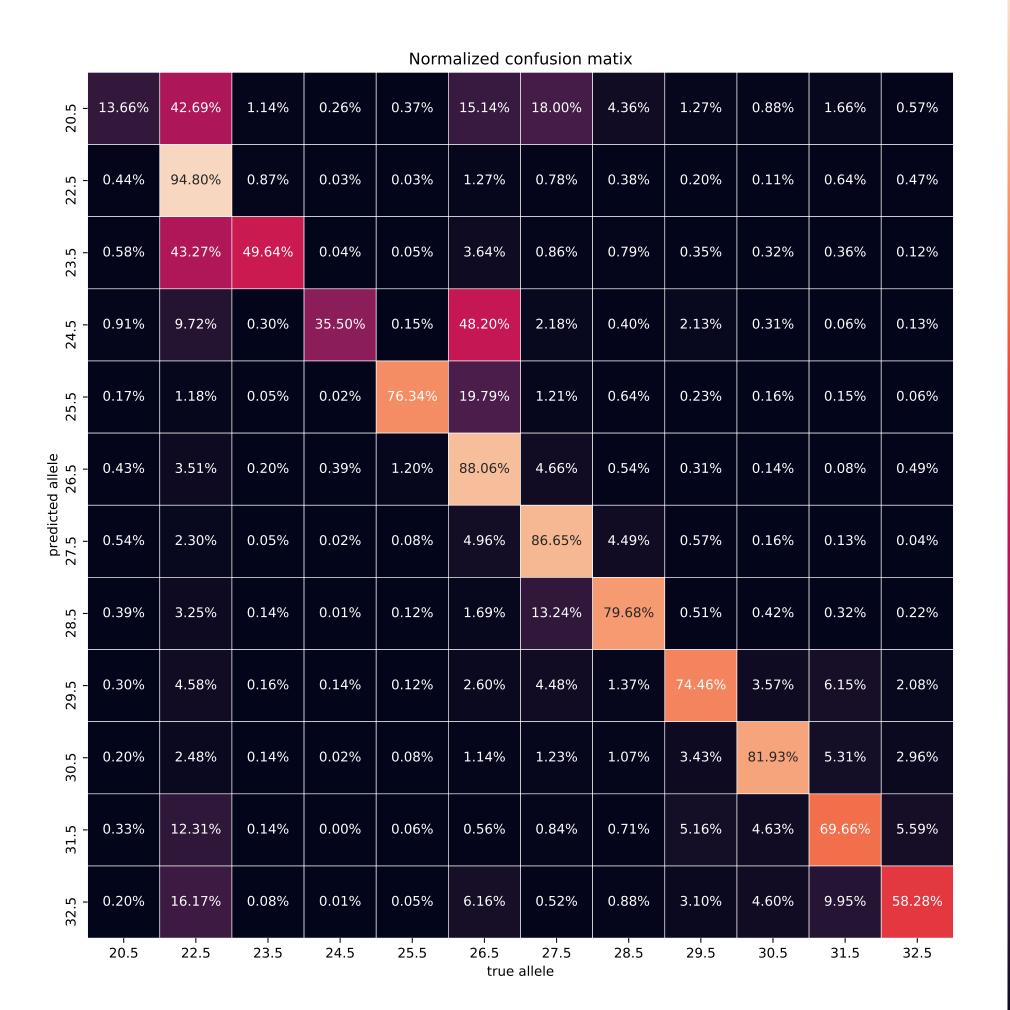
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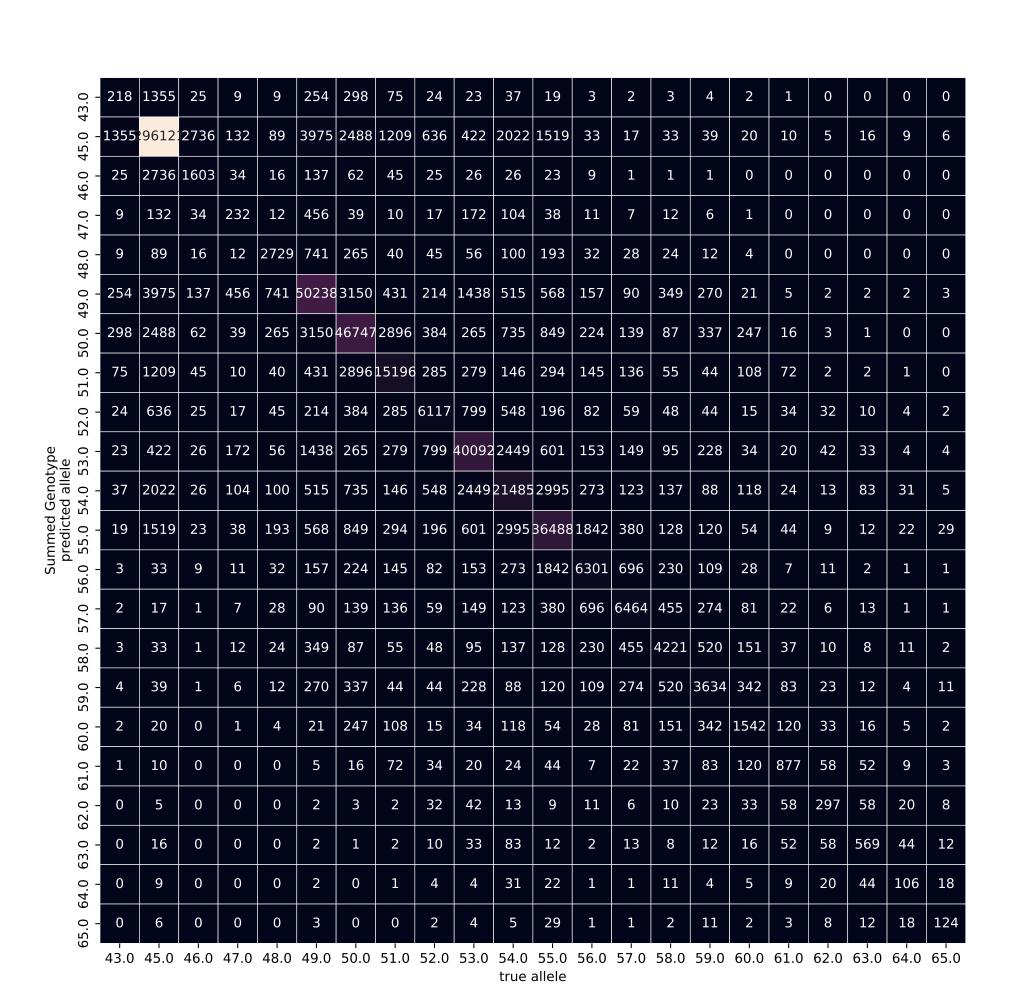
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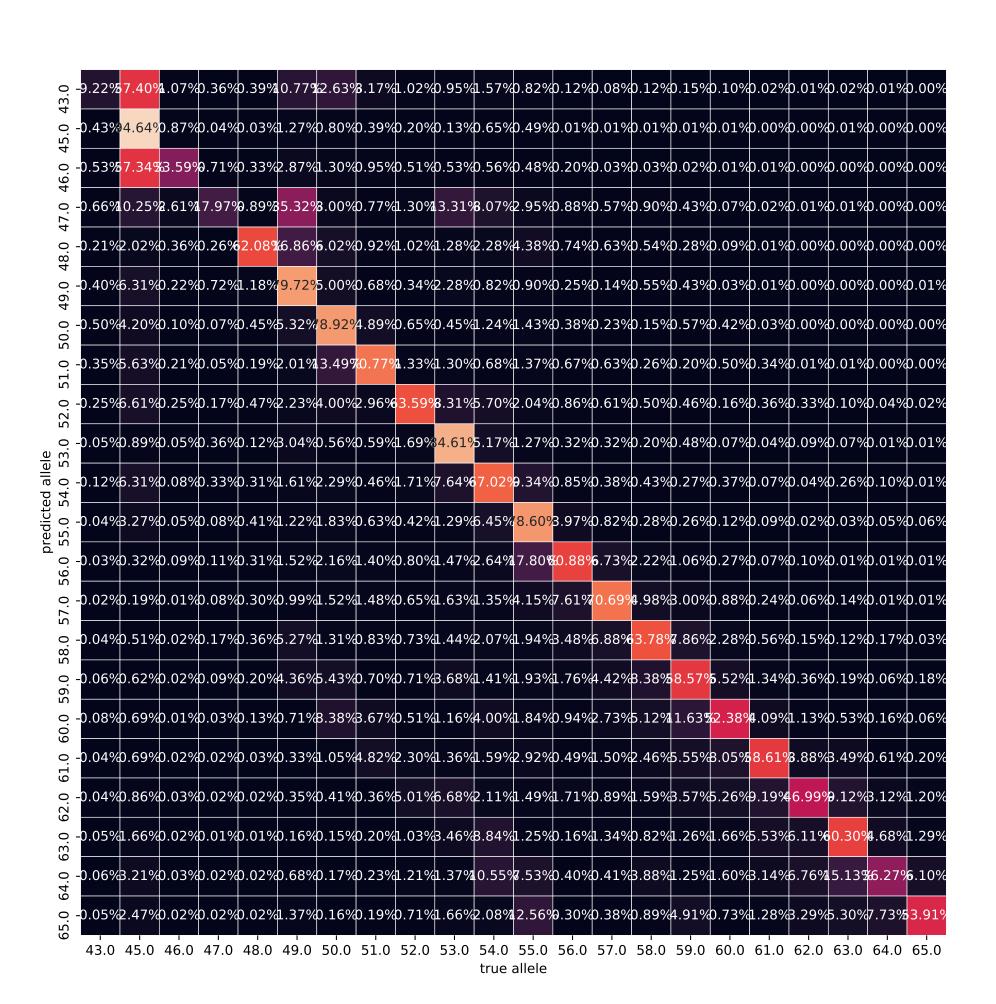
- 150000

100000

- 50000







- 0.2

- 0.8

- 0.8

- 0.6