

# Parturition Prediction Scheduled Report

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*08 May, 2018 PM*

Table 1: Predicted births 2018-05-08 - PM

| ID   | Last Date Obs | Prob(Result) |
|------|---------------|--------------|
| 5167 | 2018-05-07    | 0.974        |
| 5175 | 2018-05-08    | 1            |
| 5606 | 2018-05-08    | 1            |
| 5639 | 2018-05-07    | 1            |
| 5880 | 2018-05-07    | 1            |
| 5888 | 2018-05-08    | 1            |
| 6204 | 2018-05-07    | 1            |
| 7296 | 2018-05-07    | 0.996        |
| 7366 | 2018-05-08    | 1            |

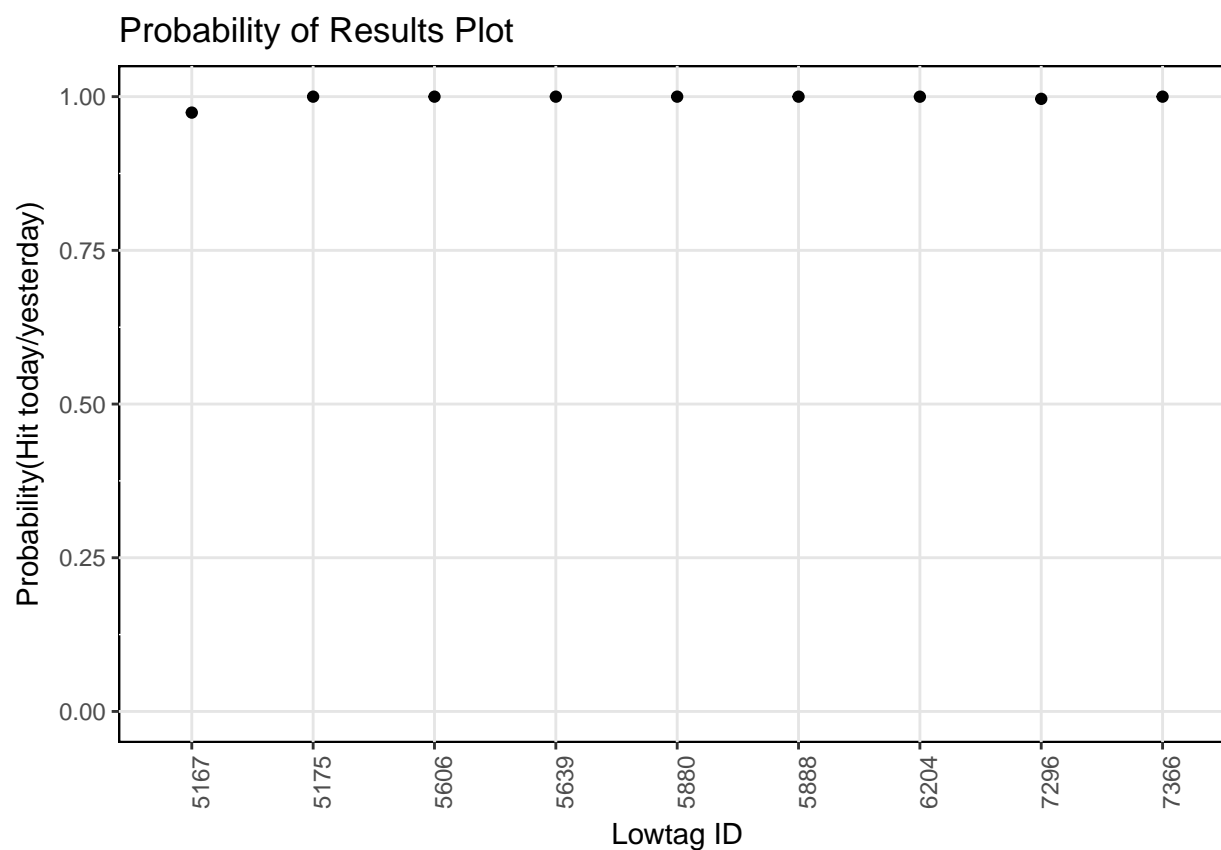
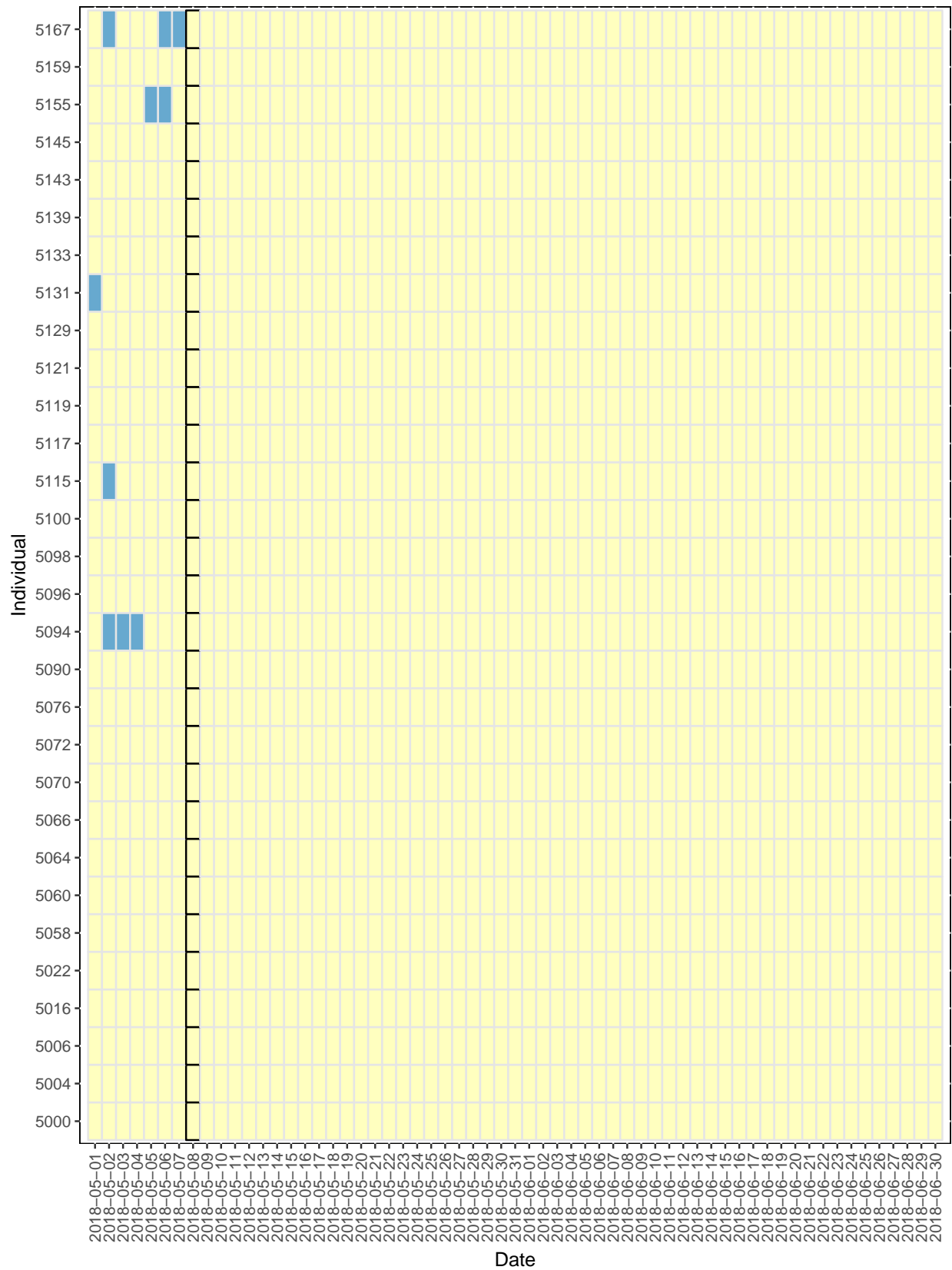


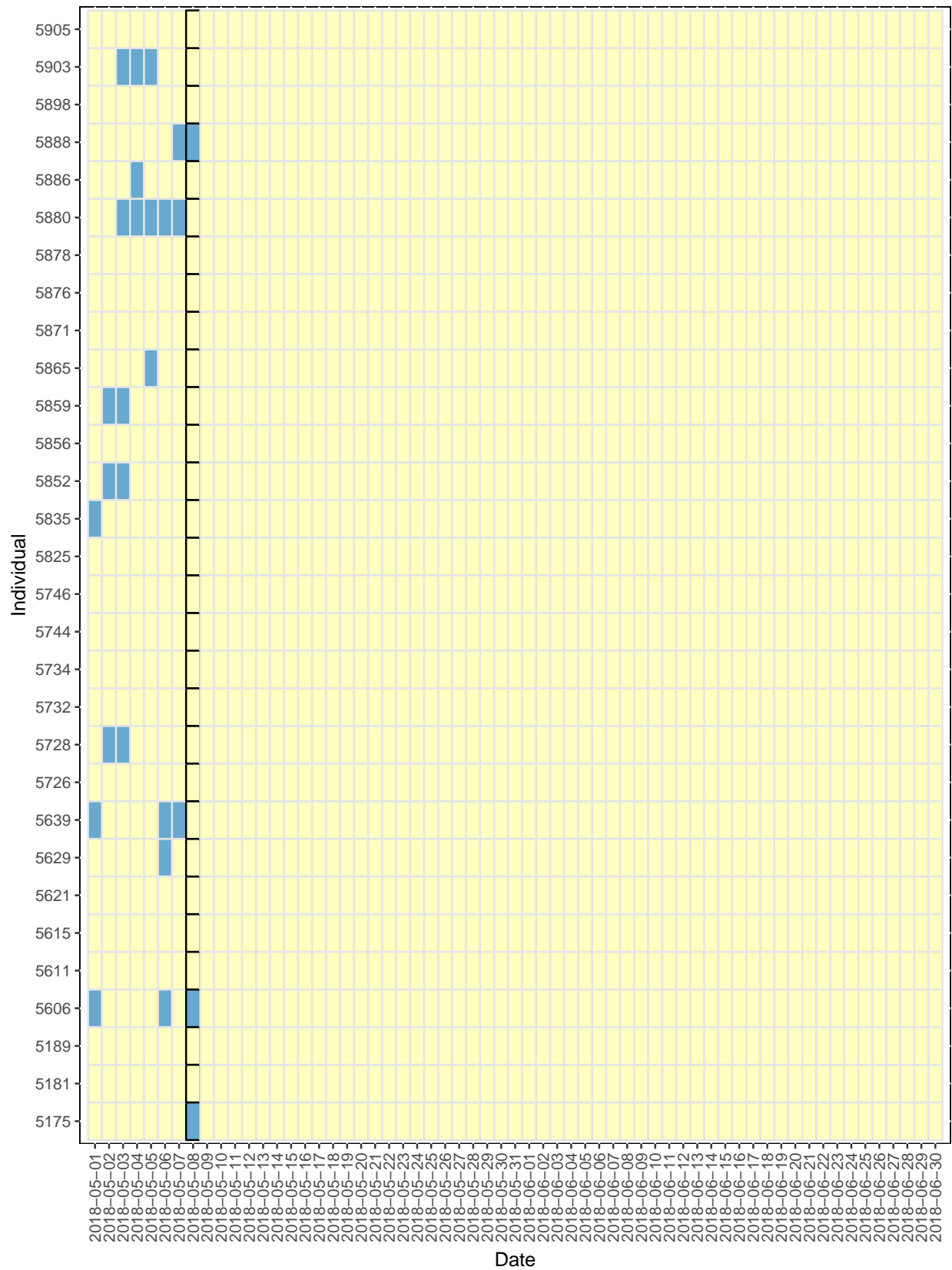
Table 2: No predicted births. These individuals were run through anomaly detection but were not hits today/yesterday.

| ID   | Result | Last Date Obs | Prob(Result) |
|------|--------|---------------|--------------|
| 5000 | Out    | 2018-05-08    | 1            |
| 5004 | Out    | 2018-05-08    | 1            |
| 5006 | Out    | 2018-05-08    | 1            |
| 5016 | Out    | 2018-05-08    | 1            |
| 5058 | Out    | 2018-05-07    | 1            |
| 5060 | Out    | 2018-05-08    | 1            |
| 5064 | Out    | 2018-05-08    | 0.996        |
| 5066 | Out    | 2018-05-08    | 1            |
| 5070 | Out    | 2018-05-08    | 1            |
| 5072 | Out    | 2018-05-08    | 1            |
| 5076 | Out    | 2018-05-08    | 1            |
| 5090 | Out    | 2018-05-08    | 0.996        |
| 5096 | Out    | 2018-05-08    | 1            |
| 5098 | Out    | 2018-05-08    | 1            |
| 5117 | Out    | 2018-05-07    | 1            |
| 5129 | Out    | 2018-05-08    | 1            |
| 5145 | Out    | 2018-05-08    | 1            |
| 5159 | Out    | 2018-05-07    | 1            |
| 5181 | Out    | 2018-05-08    | 1            |
| 5621 | Out    | 2018-05-08    | 1            |
| 5629 | Out    | 2018-05-08    | 0.996        |
| 5726 | Out    | 2018-05-07    | 1            |
| 5732 | Out    | 2018-05-08    | 1            |
| 5734 | Out    | 2018-05-08    | 1            |
| 5746 | Out    | 2018-05-08    | 1            |
| 5852 | Out    | 2018-05-08    | 0.876        |
| 5856 | Out    | 2018-05-08    | 1            |
| 5859 | Out    | 2018-05-08    | 1            |
| 5876 | Out    | 2018-05-08    | 1            |
| 5878 | Out    | 2018-05-08    | 0.991        |
| 5898 | Out    | 2018-05-07    | 1            |
| 5911 | Out    | 2018-05-07    | 0.999        |
| 5932 | Out    | 2018-05-07    | 1            |
| 5955 | Out    | 2018-05-08    | 0.998        |
| 5975 | Out    | 2018-05-08    | 0.991        |
| 5979 | Out    | 2018-05-07    | 0.938        |
| 5981 | Out    | 2018-05-07    | 1            |
| 5987 | Out    | 2018-05-08    | 1            |
| 6000 | Out    | 2018-05-08    | 1            |
| 6002 | Out    | 2018-05-08    | 1            |
| 6010 | Out    | 2018-05-08    | 1            |
| 6019 | Out    | 2018-05-07    | 0.982        |
| 6033 | Out    | 2018-05-08    | 1            |
| 6041 | Out    | 2018-05-08    | 1            |
| 6216 | Out    | 2018-05-08    | 0.816        |

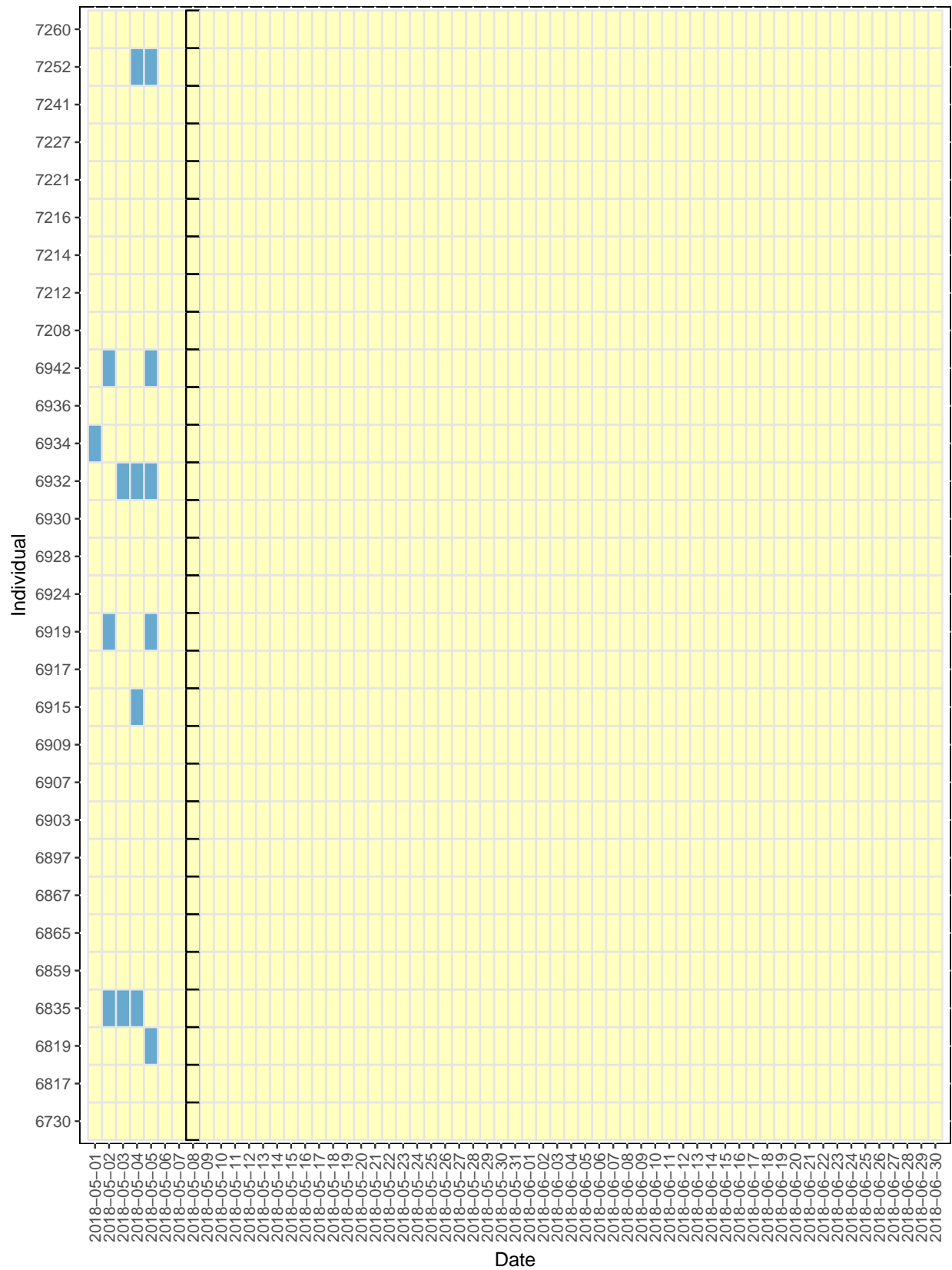
|      |     |            |       |
|------|-----|------------|-------|
| 6708 | Out | 2018-05-08 | 0.576 |
| 6714 | Out | 2018-05-08 | 1     |
| 6722 | Out | 2018-05-07 | 1     |
| 6726 | Out | 2018-05-08 | 1     |
| 6817 | Out | 2018-05-08 | 1     |
| 6819 | Out | 2018-05-08 | 1     |
| 6835 | Out | 2018-05-07 | 0.999 |
| 6865 | Out | 2018-05-08 | 1     |
| 6867 | Out | 2018-05-08 | 1     |
| 6897 | Out | 2018-05-07 | 1     |
| 6924 | Out | 2018-05-07 | 0.999 |
| 6928 | Out | 2018-05-08 | 1     |
| 6930 | Out | 2018-05-07 | 1     |
| 6932 | Out | 2018-05-08 | 1     |
| 6934 | Out | 2018-05-08 | 1     |
| 7208 | Out | 2018-05-08 | 1     |
| 7212 | Out | 2018-05-08 | 1     |
| 7214 | Out | 2018-05-08 | 1     |
| 7216 | Out | 2018-05-08 | 1     |
| 7221 | Out | 2018-05-07 | 1     |
| 7252 | Out | 2018-05-07 | 1     |
| 7268 | Out | 2018-05-08 | 1     |
| 7294 | Out | 2018-05-07 | 1     |
| 7358 | Out | 2018-05-07 | 1     |
| 7394 | Out | 2018-05-08 | 1     |
| 7721 | Out | 2018-05-07 | 0.982 |

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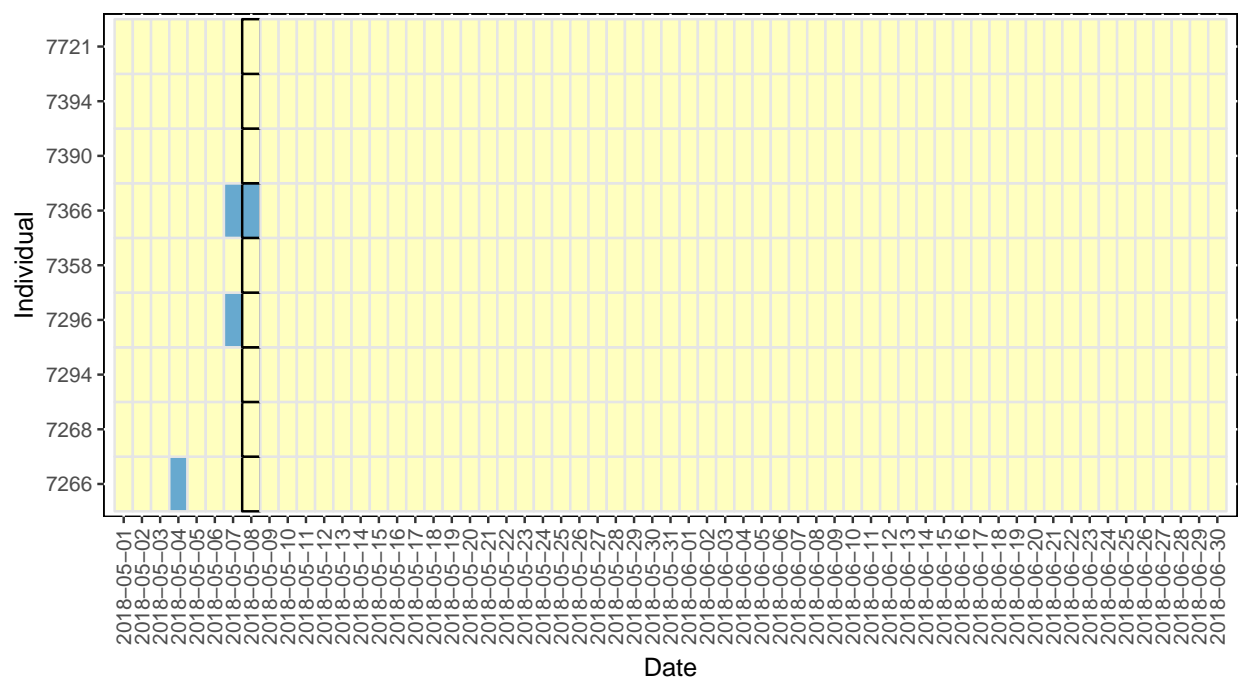




Table 3: Individuals not run through the anomaly detector. This table consists of the subset of individuals who do not have new data observed since the parturition window began, i.e. no new data since May 1.

| ID   | Last Observed Date |
|------|--------------------|
| 5165 | 2018-04-05         |
| 5177 | 2018-04-30         |
| 5633 | 2018-04-10         |
| 5948 | 2018-04-05         |
| 6702 | 2018-04-28         |
| 6738 | 2018-04-05         |
| 6926 | 2018-03-20         |
| 7262 | 2018-03-29         |
| 7298 | 2018-04-24         |

Table 4: Latest results for the individuals that were run through the anomaly detection, but no new data has been observed today/yesterday, therefore they could not be a 'hit today'.

| ID   | Last Result | Last Julian | Last Obs Date | Prob(Results) | Prob(Thresh) | Prob(Tail) |
|------|-------------|-------------|---------------|---------------|--------------|------------|
| 5022 | Out         | 124         | 2018-05-04    | 1             | 3.706e-17    | 4.06e-12   |
| 5094 | Hit         | 124         | 2018-05-04    | 1             | 2.449e-16    | 3.748e-45  |
| 5100 | Out         | 123         | 2018-05-03    | 1             | 3.687e-17    | 6.248e-12  |
| 5115 | Out         | 124         | 2018-05-04    | 0.9618        | 6.334e-17    | 1.658e-15  |
| 5119 | Out         | 126         | 2018-05-06    | 1             | 3.098e-17    | 1.445e-10  |
| 5121 | Out         | 121         | 2018-05-01    | 1             | 3.44e-17     | 3.354e-09  |
| 5131 | Hit         | 121         | 2018-05-01    | 0.7782        | 4.954e-17    | 1.099e-17  |
| 5133 | Out         | 125         | 2018-05-05    | 0.9999        | 5.981e-17    | 9.318e-13  |
| 5139 | Out         | 126         | 2018-05-06    | 1             | 4.668e-17    | 4.584e-12  |
| 5143 | Out         | 125         | 2018-05-05    | 0.9997        | 5.796e-17    | 1.726e-13  |
| 5155 | Hit         | 126         | 2018-05-06    | 0.4465        | 8.824e-16    | 4.884e-16  |
| 5189 | Out         | 125         | 2018-05-05    | 1             | 2.926e-17    | 7.12e-11   |
| 5611 | Out         | 121         | 2018-05-01    | 0.9762        | 4.34e-17     | 1.823e-15  |
| 5615 | Out         | 125         | 2018-05-05    | 0.9866        | 4.744e-17    | 3.543e-15  |
| 5728 | Out         | 125         | 2018-05-05    | 1             | 7.732e-17    | 4.805e-12  |
| 5744 | Out         | 125         | 2018-05-05    | 0.9999        | 3.866e-17    | 3.566e-13  |
| 5825 | Out         | 125         | 2018-05-05    | 0.9999        | 4.643e-17    | 8.84e-13   |
| 5835 | Out         | 126         | 2018-05-06    | 1             | 5.038e-17    | 3.741e-11  |
| 5865 | Hit         | 125         | 2018-05-05    | 0.9996        | 6.317e-17    | 2.46e-20   |
| 5871 | Out         | 124         | 2018-05-04    | 1             | 4.099e-17    | 8.204e-13  |
| 5886 | Hit         | 124         | 2018-05-04    | 0.7615        | 4.277e-17    | 1.02e-17   |
| 5903 | Out         | 126         | 2018-05-06    | 0.9341        | 8.197e-16    | 1.244e-14  |
| 5905 | Out         | 124         | 2018-05-04    | 0.998         | 4.744e-17    | 2.426e-14  |
| 5907 | Out         | 124         | 2018-05-04    | 0.9994        | 3.77e-17     | 5.81e-14   |
| 5940 | Out         | 124         | 2018-05-04    | 1             | 2.881e-17    | 9.53e-11   |
| 5983 | Out         | 126         | 2018-05-06    | 0.786         | 4.472e-17    | 2.09e-16   |
| 5992 | Hit         | 126         | 2018-05-06    | 0.9991        | 6.199e-17    | 5.628e-20  |
| 6031 | Hit         | 126         | 2018-05-06    | 1             | 2.769e-16    | 2.021e-35  |
| 6046 | Out         | 126         | 2018-05-06    | 1             | 6.178e-17    | 7.765e-09  |
| 6438 | Out         | 125         | 2018-05-05    | 1             | 2.946e-17    | 8.157e-12  |
| 6700 | Hit         | 125         | 2018-05-05    | 0.3424        | 5.465e-16    | 3.594e-16  |
| 6712 | Out         | 124         | 2018-05-04    | 0.9957        | 4.147e-17    | 9.677e-15  |
| 6720 | Out         | 123         | 2018-05-03    | 1             | 3.127e-17    | 8.796e-10  |
| 6724 | Out         | 125         | 2018-05-05    | 0.9241        | 5.707e-17    | 7.524e-16  |
| 6730 | Out         | 126         | 2018-05-06    | 1             | 3.125e-17    | 1.325e-12  |
| 6859 | Out         | 122         | 2018-05-02    | 0.9994        | 4.904e-17    | 8.231e-14  |
| 6903 | Out         | 121         | 2018-05-01    | 0.9868        | 4.306e-17    | 3.261e-15  |
| 6907 | Out         | 126         | 2018-05-06    | 1             | 3.739e-17    | 4.592e-11  |
| 6909 | Out         | 125         | 2018-05-05    | 0.9961        | 6.088e-17    | 1.571e-14  |
| 6915 | Out         | 126         | 2018-05-06    | 0.942         | 6.762e-17    | 1.167e-15  |
| 6917 | Out         | 126         | 2018-05-06    | 0.9999        | 4.486e-17    | 3.339e-13  |
| 6919 | Out         | 126         | 2018-05-06    | 1             | 7.267e-17    | 3.296e-11  |
| 6936 | Out         | 125         | 2018-05-05    | 0.9726        | 5.514e-17    | 2.015e-15  |
| 6942 | Out         | 126         | 2018-05-06    | 1             | 6.437e-17    | 2.611e-12  |
| 7227 | Out         | 126         | 2018-05-06    | 1             | 4.458e-17    | 5.308e-12  |

|      |     |     |            |        |           |           |
|------|-----|-----|------------|--------|-----------|-----------|
| 7241 | Out | 126 | 2018-05-06 | 1      | 3.15e-17  | 4.531e-11 |
| 7260 | Out | 121 | 2018-05-01 | 1      | 3.784e-17 | 1.303e-12 |
| 7266 | Out | 126 | 2018-05-06 | 0.9991 | 6.033e-16 | 6.622e-13 |
| 7390 | Out | 126 | 2018-05-06 | 1      | 3.86e-17  | 2.492e-11 |

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