

Parturition Prediction Scheduled Report

Alison Ketz

09 May, 2018 AM

Table 1: Predicted births 2018-05-09 - AM

| ID | Last Date Obs | Prob(Result) |
|------|---------------|--------------|
| 5175 | 2018-05-08 | 1 |
| 5606 | 2018-05-08 | 1 |
| 5888 | 2018-05-08 | 1 |
| 5911 | 2018-05-08 | 0.992 |
| 6031 | 2018-05-08 | 0.948 |
| 7366 | 2018-05-08 | 1 |

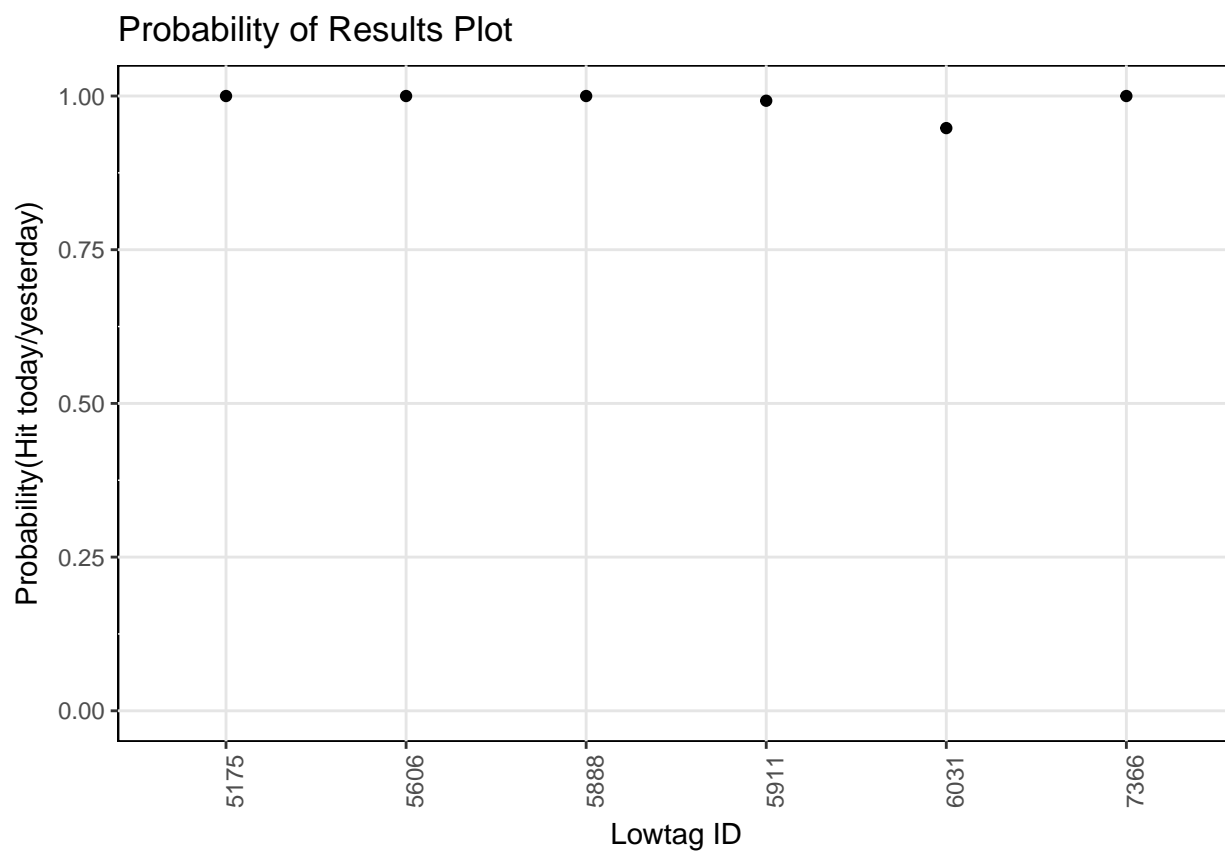
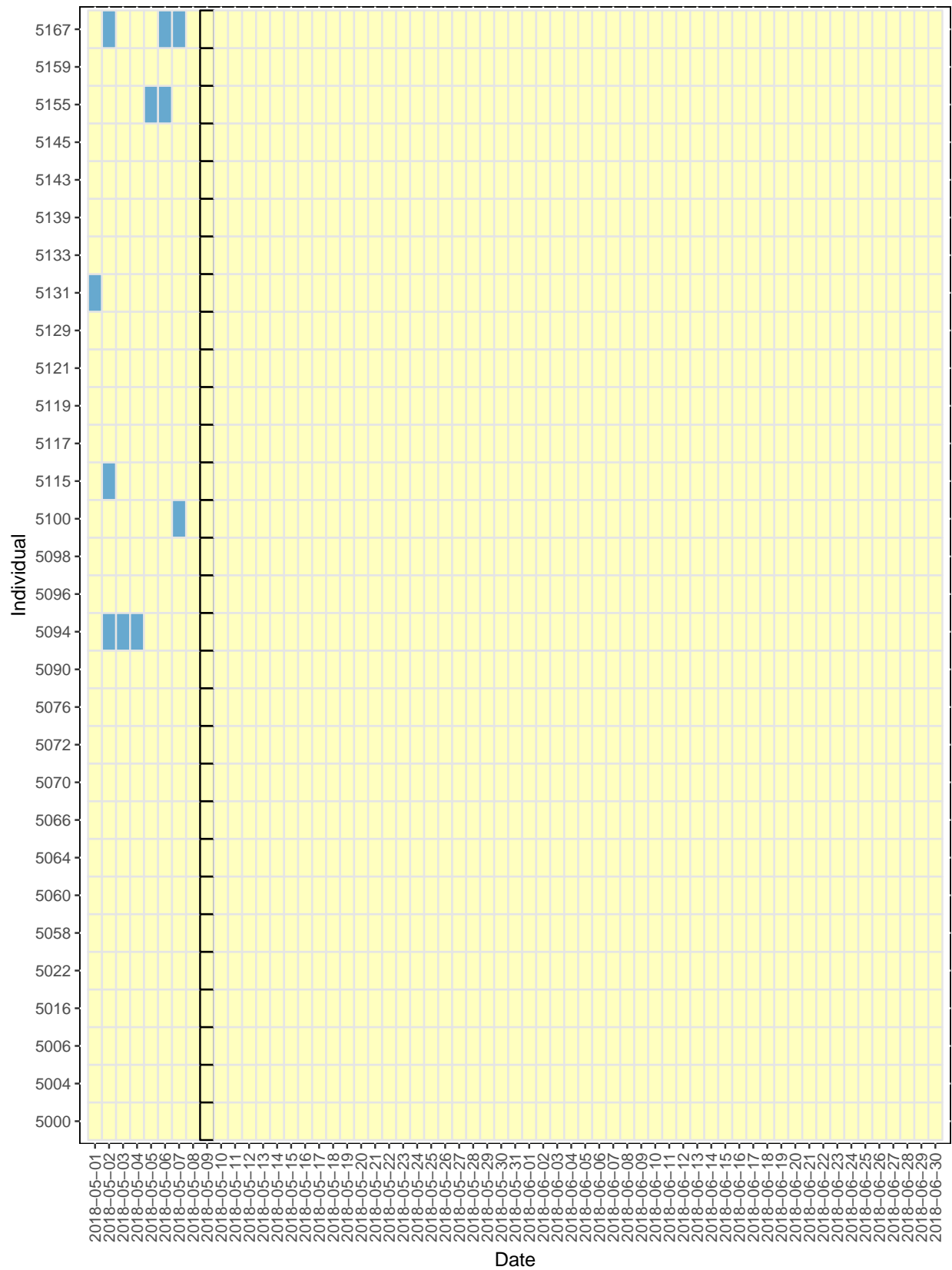
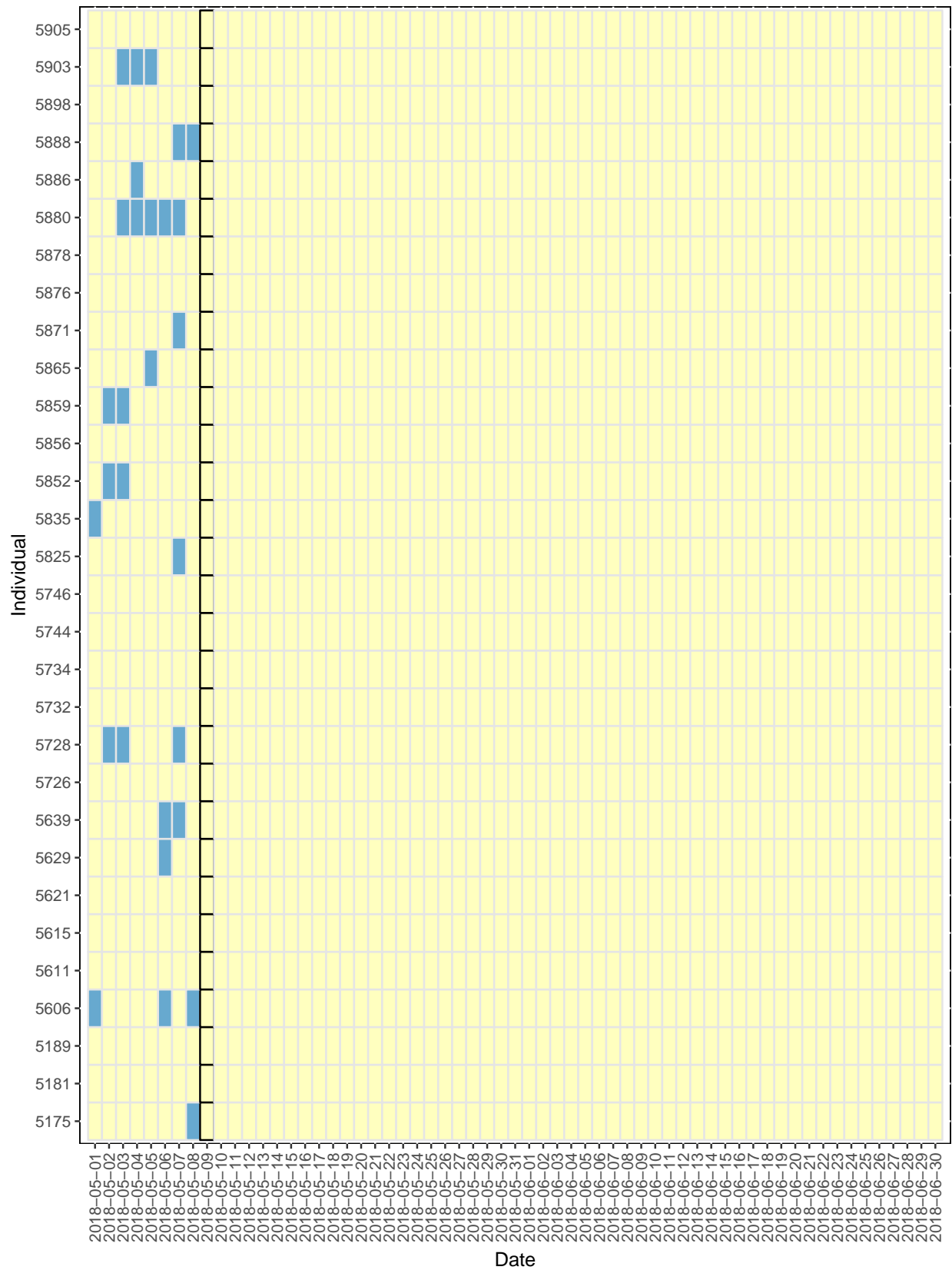


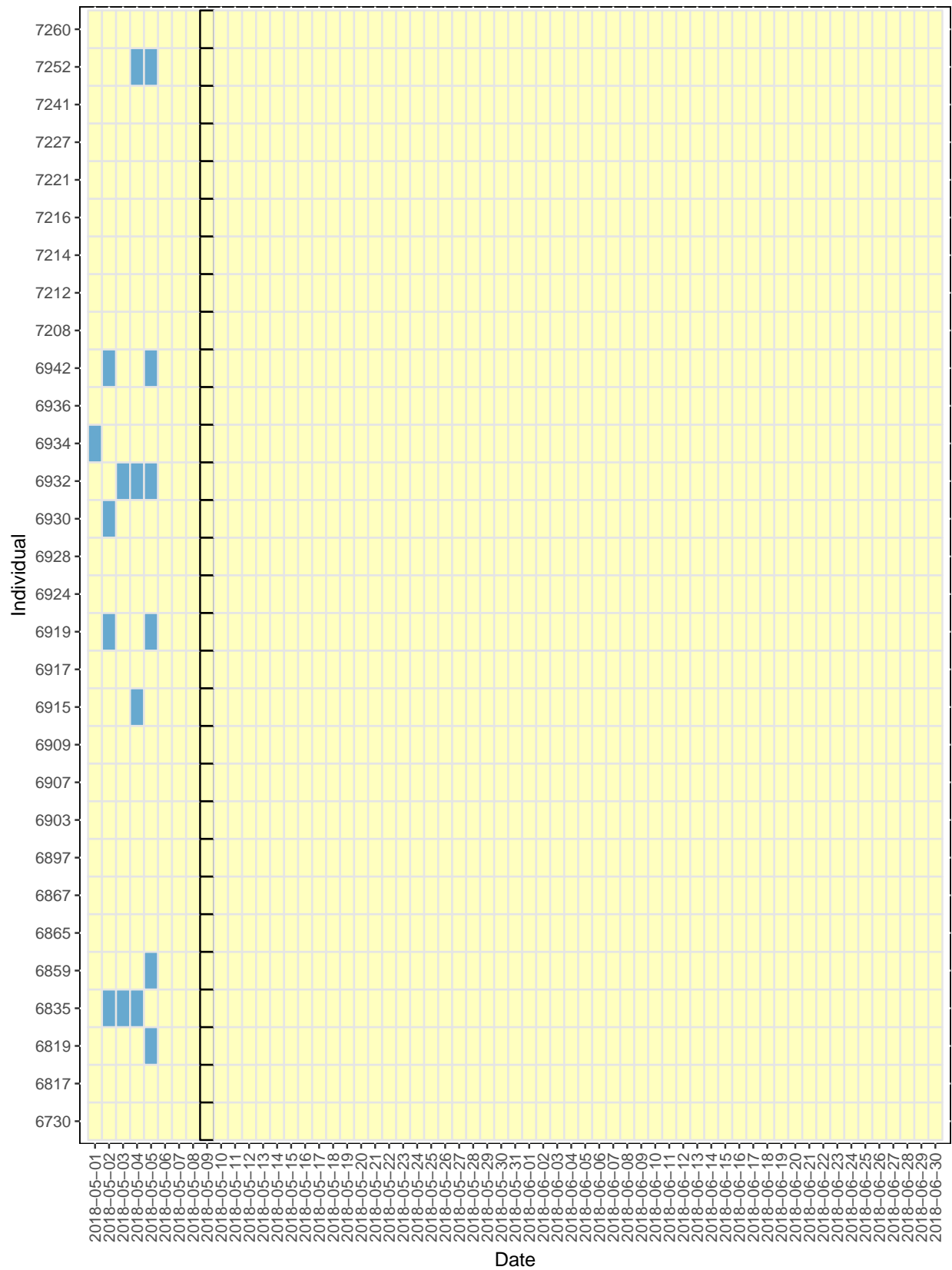
Table 2: No predicted births. These individuals were run through anomaly detection but were not hits today/yesterday.

| ID | Result | Last Date Obs | Prob(Result) |
|------|--------|---------------|--------------|
| 5000 | Out | 2018-05-08 | 1 |
| 5004 | Out | 2018-05-08 | 1 |
| 5006 | Out | 2018-05-09 | 1 |
| 5016 | Out | 2018-05-08 | 1 |
| 5060 | Out | 2018-05-08 | 1 |
| 5064 | Out | 2018-05-08 | 0.996 |
| 5066 | Out | 2018-05-09 | 1 |
| 5070 | Out | 2018-05-09 | 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 | 2018-05-09 | 1 |
| 5100 | Out | 2018-05-08 | 0.816 |
| 5129 | Out | 2018-05-08 | 1 |
| 5139 | Out | 2018-05-09 | 0.996 |
| 5143 | Out | 2018-05-08 | 1 |
| 5145 | Out | 2018-05-08 | 1 |
| 5181 | Out | 2018-05-08 | 1 |
| 5621 | Out | 2018-05-08 | 1 |
| 5629 | Out | 2018-05-08 | 0.996 |
| 5639 | Out | 2018-05-08 | 0.892 |
| 5728 | Out | 2018-05-08 | 0.997 |
| 5732 | Out | 2018-05-08 | 1 |
| 5734 | Out | 2018-05-08 | 1 |
| 5744 | Out | 2018-05-08 | 1 |
| 5746 | Out | 2018-05-09 | 1 |
| 5825 | Out | 2018-05-08 | 1 |
| 5852 | Out | 2018-05-08 | 0.876 |
| 5856 | Out | 2018-05-08 | 1 |
| 5859 | Out | 2018-05-08 | 1 |
| 5871 | Out | 2018-05-09 | 0.999 |
| 5876 | Out | 2018-05-08 | 1 |
| 5878 | Out | 2018-05-08 | 0.991 |
| 5955 | Out | 2018-05-08 | 0.998 |
| 5975 | Out | 2018-05-08 | 1 |
| 5983 | Out | 2018-05-08 | 0.993 |
| 5987 | Out | 2018-05-08 | 1 |
| 6000 | Out | 2018-05-08 | 1 |
| 6002 | Out | 2018-05-08 | 1 |
| 6010 | Out | 2018-05-08 | 1 |
| 6033 | Out | 2018-05-08 | 1 |
| 6041 | Out | 2018-05-08 | 1 |
| 6216 | Out | 2018-05-09 | 0.999 |
| 6708 | Out | 2018-05-08 | 0.576 |

| | | | |
|------|-----|------------|-------|
| 6714 | Out | 2018-05-08 | 1 |
| 6726 | Out | 2018-05-08 | 1 |
| 6730 | Out | 2018-05-09 | 0.997 |
| 6817 | Out | 2018-05-08 | 1 |
| 6819 | Out | 2018-05-09 | 1 |
| 6859 | Out | 2018-05-08 | 0.993 |
| 6865 | Out | 2018-05-08 | 1 |
| 6867 | Out | 2018-05-08 | 1 |
| 6928 | Out | 2018-05-08 | 1 |
| 6930 | Out | 2018-05-08 | 1 |
| 6932 | Out | 2018-05-08 | 1 |
| 6934 | Out | 2018-05-08 | 1 |
| 7208 | Out | 2018-05-08 | 1 |
| 7212 | Out | 2018-05-09 | 1 |
| 7214 | Out | 2018-05-08 | 1 |
| 7216 | Out | 2018-05-08 | 1 |
| 7221 | Out | 2018-05-08 | 1 |
| 7268 | Out | 2018-05-08 | 1 |
| 7390 | Out | 2018-05-08 | 0.801 |
| 7394 | Out | 2018-05-08 | 1 |
| 7721 | Out | 2018-05-08 | 1 |







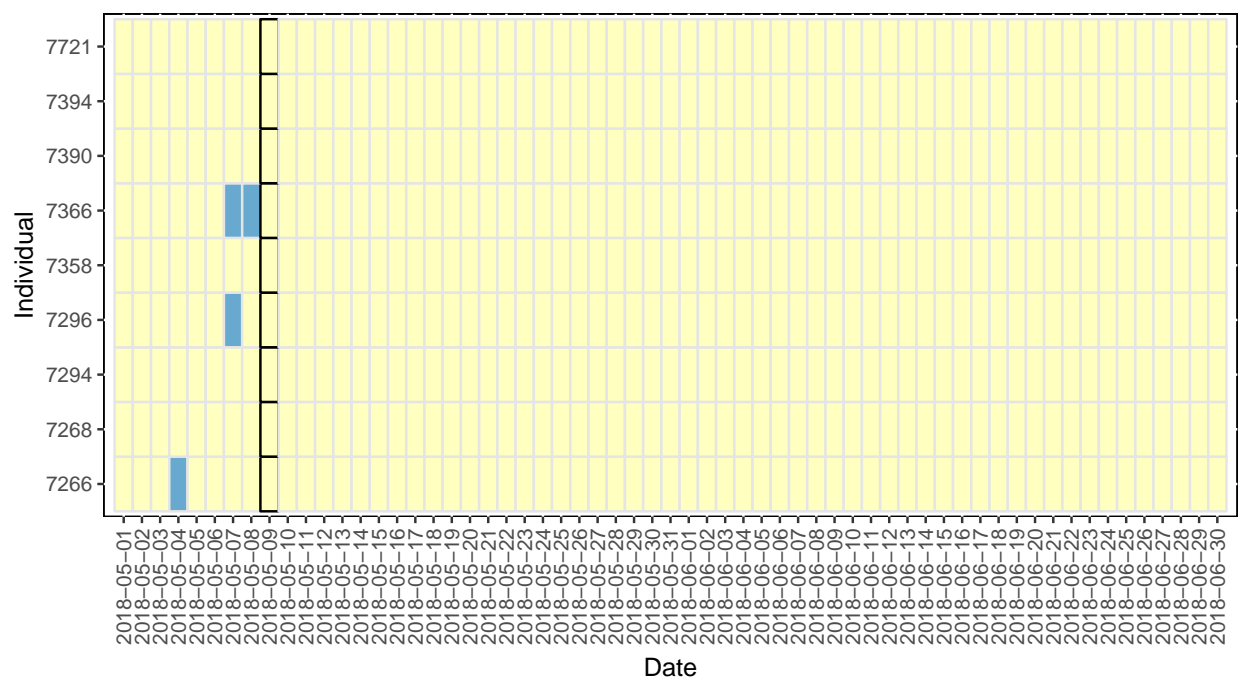


Table 3: Individuals not run through the anomaly detector. This table consists of the subset of individuals who do not have new data observed since the parturition window began, i.e. no new data since May 1.

| 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 |
| 5058 | Out | 127 | 2018-05-07 | 1 | 4.419e-17 | 6.542e-11 |
| 5094 | Hit | 124 | 2018-05-04 | 1 | 2.449e-16 | 3.748e-45 |
| 5115 | Out | 124 | 2018-05-04 | 0.9618 | 6.334e-17 | 1.658e-15 |
| 5117 | Out | 127 | 2018-05-07 | 1 | 3.712e-17 | 1.485e-11 |
| 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 |
| 5155 | Hit | 126 | 2018-05-06 | 0.4465 | 8.824e-16 | 4.884e-16 |
| 5159 | Out | 127 | 2018-05-07 | 0.9999 | 4.881e-17 | 7.288e-13 |
| 5167 | Hit | 127 | 2018-05-07 | 0.9741 | 2.259e-16 | 5.858e-18 |
| 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 |
| 5726 | Out | 127 | 2018-05-07 | 1 | 2.452e-17 | 5.663e-10 |
| 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 |
| 5880 | Hit | 127 | 2018-05-07 | 1 | 2.206e-15 | 9.863e-31 |
| 5886 | Hit | 124 | 2018-05-04 | 0.7615 | 4.277e-17 | 1.02e-17 |
| 5898 | Out | 127 | 2018-05-07 | 0.9998 | 4.925e-17 | 2.361e-13 |
| 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 |
| 5932 | Out | 127 | 2018-05-07 | 0.9996 | 4.847e-17 | 1.116e-13 |
| 5940 | Out | 124 | 2018-05-04 | 1 | 2.881e-17 | 9.53e-11 |
| 5979 | Out | 127 | 2018-05-07 | 0.9385 | 5.751e-17 | 9.352e-16 |
| 5981 | Out | 127 | 2018-05-07 | 0.9999 | 4.317e-17 | 3.162e-13 |
| 5992 | Hit | 126 | 2018-05-06 | 0.9991 | 6.199e-17 | 5.628e-20 |
| 6019 | Out | 127 | 2018-05-07 | 0.9819 | 5.925e-17 | 3.276e-15 |
| 6046 | Out | 126 | 2018-05-06 | 1 | 6.178e-17 | 7.765e-09 |
| 6204 | Hit | 127 | 2018-05-07 | 0.9999 | 9.197e-17 | 5.538e-21 |
| 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 |
| 6722 | Out | 127 | 2018-05-07 | 1 | 4.307e-17 | 1.83e-10 |
| 6724 | Out | 125 | 2018-05-05 | 0.9241 | 5.707e-17 | 7.524e-16 |
| 6835 | Out | 127 | 2018-05-07 | 0.9989 | 1.535e-16 | 1.398e-13 |
| 6897 | Out | 127 | 2018-05-07 | 1 | 3.476e-17 | 6.345e-11 |
| 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 |
| 6924 | Out | 127 | 2018-05-07 | 0.9993 | 4.014e-17 | 5.389e-14 |
| 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 |
| 7252 | Out | 127 | 2018-05-07 | 1 | 1.336e-16 | 2.262e-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 |
| 7294 | Out | 127 | 2018-05-07 | 1 | 2.948e-17 | 1.062e-11 |
| 7296 | Hit | 127 | 2018-05-07 | 0.9964 | 6.215e-17 | 2.216e-19 |
| 7358 | Out | 127 | 2018-05-07 | 1 | 3.356e-17 | 1.755e-11 |

