Parturition Prediction Scheduled Report

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11 May, 2018 AM

Table 1: Predicted births 2018-05-11 - AM

ID	Last Date Obs	Prob(Result)	Missing GPS
5121	2018-05-10	1	14
5139	2018-05-10	0.781	0
5167	2018-05-11	0.702	0
5611	2018-05-10	1	6
5880	2018-05-10	0.845	4
5907	2018-05-10	1	4
5911	2018-05-11	1	0
5979	2018-05-10	0.952	5
5992	2018-05-10	0.998	3
6019	2018-05-10	0.307	0
6903	2018-05-10	0.983	5
7266	2018-05-10	1	1
7294	2018-05-10	0.807	0
7296	2018-05-10	0.837	1

GPS missing are the number of data points missing during the last two julian days of observed data.

Probability of Results Plot
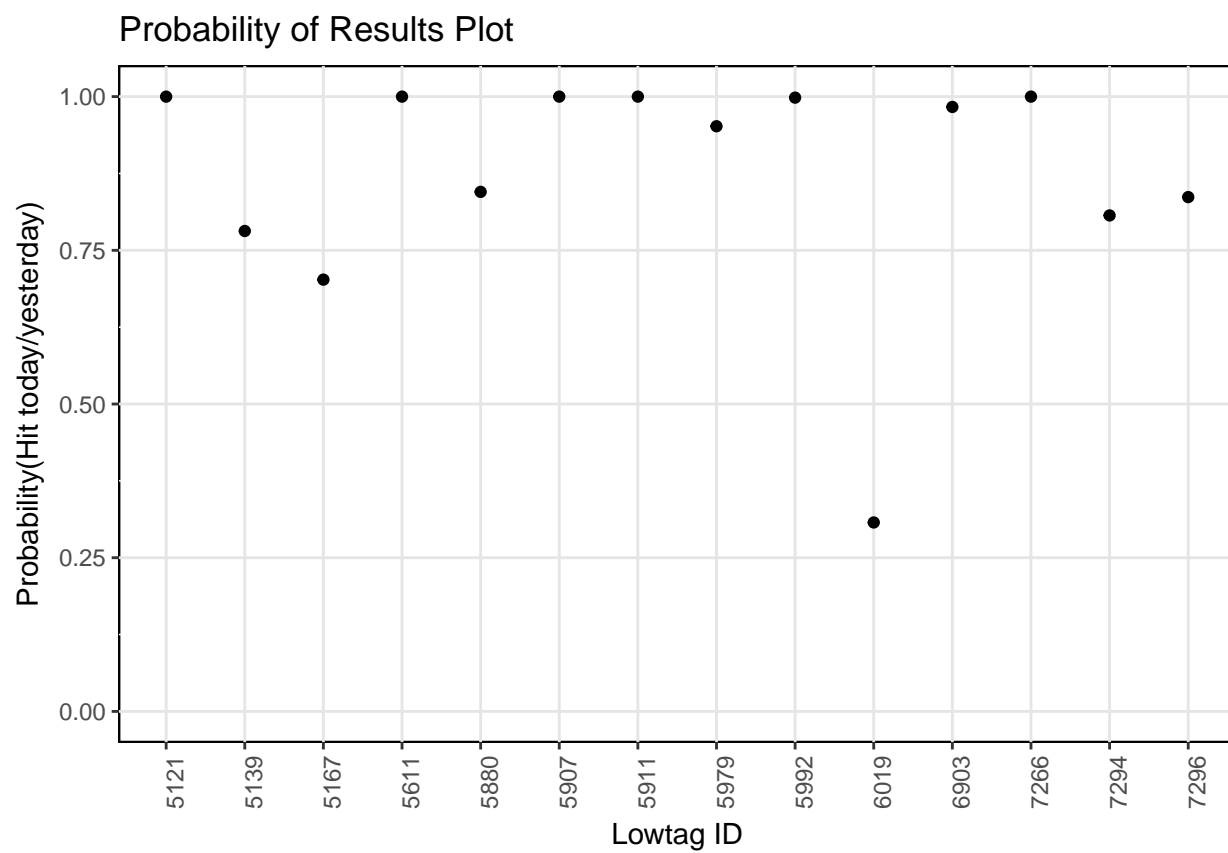
Probability(Hit today/yesterday)

Lowtag ID

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)	Missing GPS
5000	Out	2018-05-10	1	0
5004	Out	2018-05-10	1	0
5006	Out	2018-05-11	1	0
5016	Out	2018-05-11	1	0
5060	Out	2018-05-11	1	0
5064	Out	2018-05-10	1	0
5066	Out	2018-05-10	1	0
5070	Out	2018-05-11	1	0
5072	Out	2018-05-10	1	0
5090	Out	2018-05-11	1	0
5096	Out	2018-05-10	1	0
5098	Out	2018-05-11	1	0
5117	Out	2018-05-10	1	0
5133	Out	2018-05-10	0.988	0
5145	Out	2018-05-11	1	0
5177	Out	2018-05-10	0.995	3
5181	Out	2018-05-10	1	0
5189	Out	2018-05-10	1	0
5621	Out	2018-05-10	0.978	0
5639	Out	2018-05-10	1	3
5732	Out	2018-05-10	1	0
5734	Out	2018-05-11	1	0
5744	Out	2018-05-11	1	0
5746	Out	2018-05-11	1	0
5856	Out	2018-05-11	1	0
5859	Out	2018-05-10	1	0
5871	Out	2018-05-10	1	0
5888	Out	2018-05-10	0.999	0
5898	Out	2018-05-10	1	4
5975	Out	2018-05-10	1	0
5981	Out	2018-05-10	0.998	6
5983	Out	2018-05-10	1	0
5987	Out	2018-05-10	1	2
6000	Out	2018-05-10	1	0
6002	Out	2018-05-11	1	0
6010	Out	2018-05-10	1	0
6041	Out	2018-05-10	1	0
6714	Out	2018-05-10	0.985	5
6726	Out	2018-05-10	0.993	0
6730	Out	2018-05-10	1	0
6817	Out	2018-05-11	1	0
6819	Out	2018-05-11	1	0
6865	Out	2018-05-10	1	0
6867	Out	2018-05-11	1	0
6897	Out	2018-05-11	1	0

6909	Out	2018-05-10	0.948	4
6919	Out	2018-05-10	0.999	1
7212	Out	2018-05-11	1	0
7214	Out	2018-05-10	1	0
7216	Out	2018-05-10	1	0
7358	Out	2018-05-10	1	1
7390	Out	2018-05-10	1	0
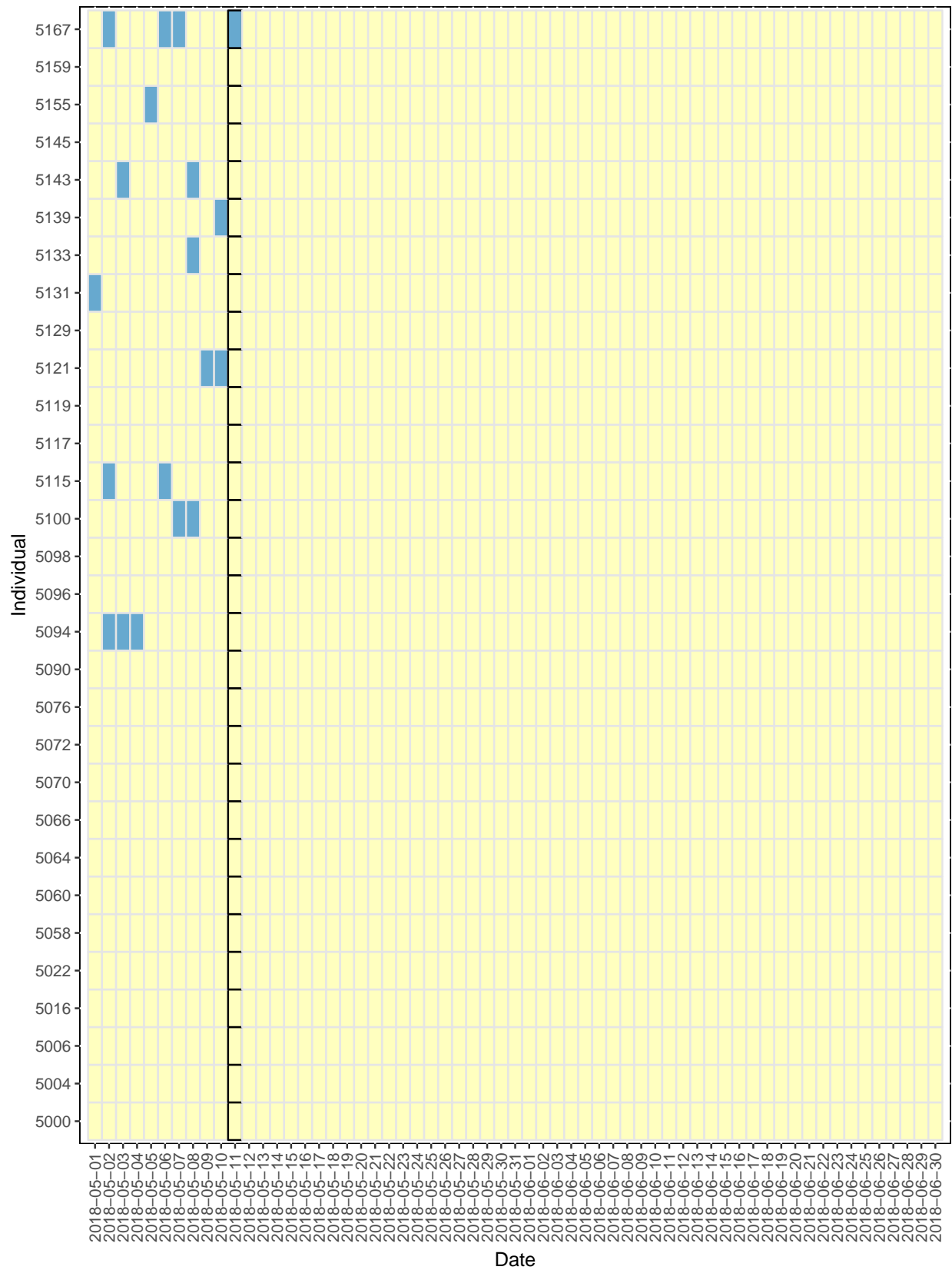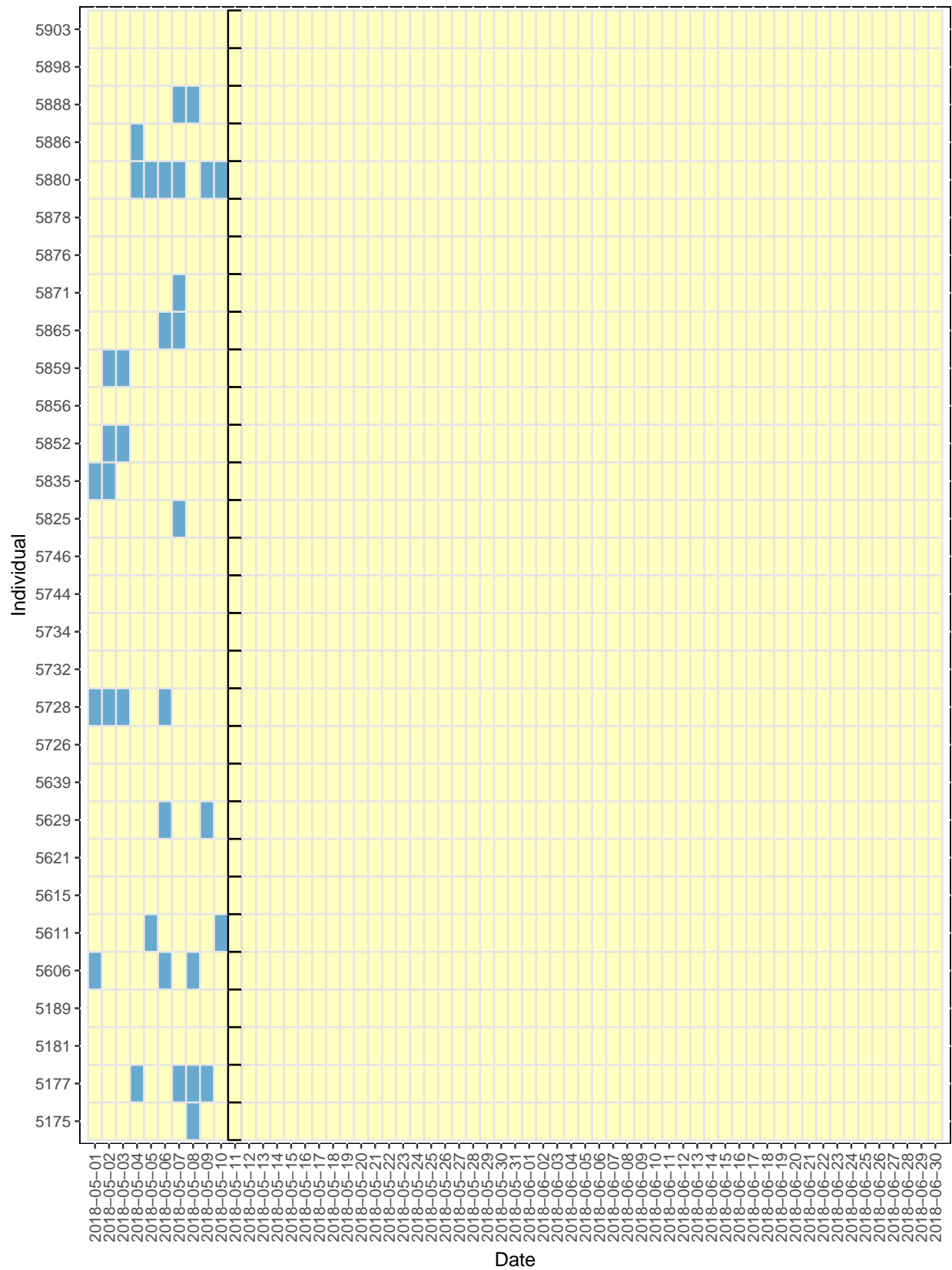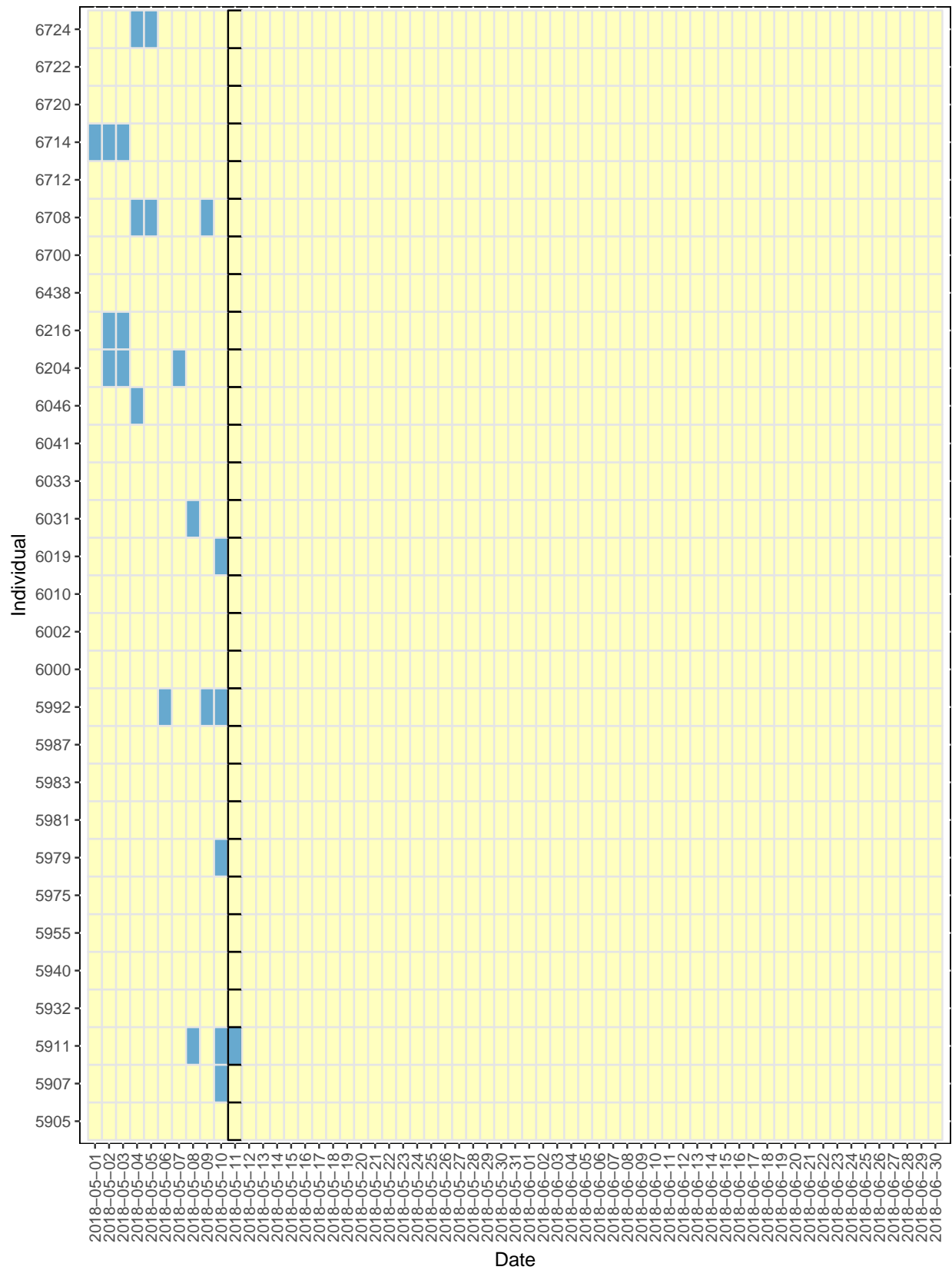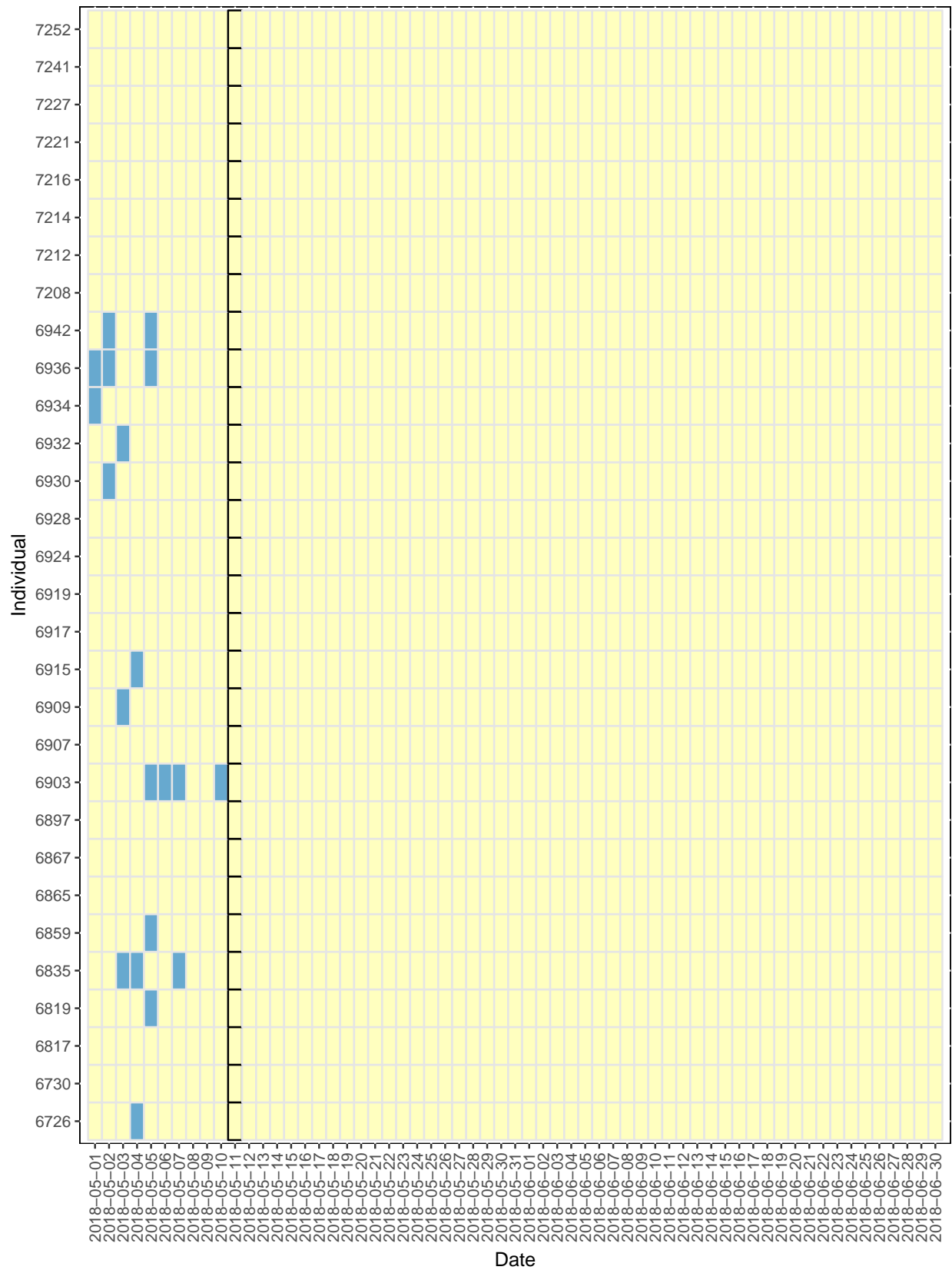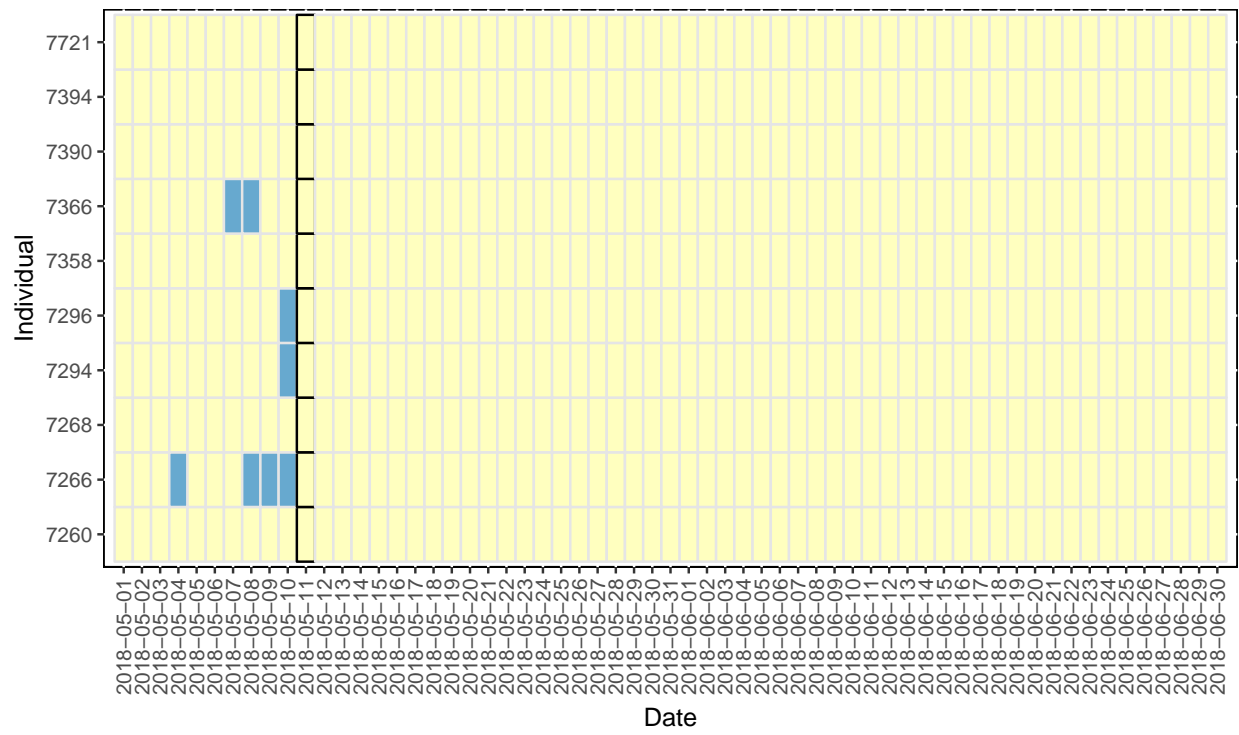
Table 3: Individuals not run through the anomaly detector. This table consists of the subset of individuals who do not have new data observed since the parturition window began, i.e. no new data since May 1.

ID	Last Observed Date
5165	2018-04-05
5633	2018-04-10
5948	2018-04-05
6702	2018-04-28
6738	2018-03-26
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)	NA
5022	Out	124	2018-05-04	1	3.766e-17	2.46e-12	0
5058	Out	127	2018-05-07	1	4.426e-17	6.168e-11	0
5076	Out	129	2018-05-09	1	2.268e-17	4.53e-12	0
5094	Out	129	2018-05-09	1	2.404e-16	9.654e-12	0
5100	Hit	128	2018-05-08	0.9464	1.862e-16	9.975e-18	5
5115	Out	129	2018-05-09	0.9811	1.288e-16	6.813e-15	3
5119	Out	126	2018-05-06	1	2.675e-17	3.542e-10	1
5129	Out	129	2018-05-09	0.9993	2.845e-17	4.291e-14	3
5131	Hit	121	2018-05-01	0.995	5.344e-17	2.666e-19	4
5143	Out	129	2018-05-09	0.9997	9.52e-17	3.787e-13	1
5155	Out	126	2018-05-06	0.861	1.001e-16	7.2e-16	9
5159	Out	127	2018-05-07	1	5.135e-17	2.998e-12	2
5175	Hit	128	2018-05-08	0.9999	5.773e-17	8.155e-21	2
5606	Out	129	2018-05-09	0.9947	1.932e-16	3.628e-14	1
5615	Out	125	2018-05-05	0.9943	5.792e-17	1.019e-14	4
5629	Hit	129	2018-05-09	0.9993	7.127e-17	4.668e-20	0
5726	Out	127	2018-05-07	1	2.457e-17	5.72e-10	0
5728	Out	129	2018-05-09	0.9969	1.424e-16	4.654e-14	0
5825	Out	128	2018-05-08	0.9997	6.801e-17	2.303e-13	0
5835	Out	126	2018-05-06	1	6.913e-17	3.072e-12	1
5852	Out	129	2018-05-09	0.9955	1.28e-16	2.842e-14	0
5865	Out	129	2018-05-09	0.9466	1.208e-16	2.264e-15	3
5876	Out	129	2018-05-09	1	3.45e-17	1.484e-10	0
5878	Out	128	2018-05-08	0.998	5.942e-17	3.043e-14	1
5886	Hit	124	2018-05-04	0.8078	4.218e-17	8.106e-18	1
5903	Out	129	2018-05-09	0.9999	3.64e-17	4.587e-13	1
5905	Out	124	2018-05-04	0.9986	4.681e-17	3.461e-14	0
5932	Out	127	2018-05-07	0.9994	5.307e-17	8.445e-14	2
5940	Out	129	2018-05-09	1	2.484e-17	4.185e-09	0
5955	Out	128	2018-05-08	0.9992	5.031e-17	6.437e-14	4
6031	Hit	128	2018-05-08	0.9922	4.677e-17	3.647e-19	4
6033	Out	129	2018-05-09	1	1.908e-17	8.254e-11	0
6046	Out	126	2018-05-06	1	6.178e-17	7.765e-09	0
6204	Hit	127	2018-05-07	0.9999	9.661e-17	5.945e-21	3
6216	Out	129	2018-05-09	0.9974	1.318e-16	4.994e-14	1
6438	Out	129	2018-05-09	1	1.956e-17	1.656e-08	3
6700	Out	125	2018-05-05	0.7386	5.041e-17	1.929e-16	4
6708	Hit	129	2018-05-09	0.8771	1.008e-16	1.24e-17	1
6712	Out	129	2018-05-09	1	4.375e-17	2.71e-12	3
6720	Out	123	2018-05-03	1	3.164e-17	2.362e-10	4
6722	Out	127	2018-05-07	1	3.574e-17	1.815e-10	0
6724	Hit	125	2018-05-05	0.9367	6.549e-17	4.147e-18	2
6835	Hit	127	2018-05-07	0.9963	1.256e-16	4.647e-19	2
6859	Out	128	2018-05-08	0.9965	8.917e-17	2.562e-14	3
6907	Out	129	2018-05-09	0.9996	3.78e-17	1.049e-13	3

6915	Out	126	2018-05-06	0.9861	6.843e-17	4.908e-15	3
6917	Out	126	2018-05-06	0.221	7.545e-17	9.686e-17	2
6924	Out	127	2018-05-07	0.9975	4.648e-17	1.88e-14	2
6928	Out	128	2018-05-08	1	2.536e-17	1.797e-12	0
6930	Out	128	2018-05-08	1	4.294e-17	2.786e-12	2
6932	Out	128	2018-05-08	1	1.27e-16	2.827e-12	0
6934	Out	129	2018-05-09	0.8689	9.888e-17	7.54e-16	0
6936	Hit	125	2018-05-05	0.9375	1.121e-16	7.011e-18	6
6942	Out	126	2018-05-06	1	6.772e-17	1.163e-11	4
7208	Out	128	2018-05-08	1	2.144e-17	9.761e-11	0
7221	Out	129	2018-05-09	1	2.243e-17	1.518e-10	0
7227	Out	126	2018-05-06	1	4.458e-17	5.308e-12	0
7241	Out	126	2018-05-06	1	3.153e-17	4.614e-11	0
7252	Out	129	2018-05-09	0.9999	3.617e-17	4.078e-13	3
7260	Out	121	2018-05-01	1	3.748e-17	3.114e-12	4
7268	Out	128	2018-05-08	1	2.26e-17	1.862e-11	3
7366	Out	129	2018-05-09	1	7.894e-17	6.256e-12	0
7394	Out	129	2018-05-09	1	2.497e-17	3.895e-12	0
7721	Out	128	2018-05-08	1	3.278e-17	6.112e-11	0

Number of missing GPS data points

Number of missing fixes

Lowtag ID

Number of missing GPS data points