Table S17: Classification of CEU data with classifier trained to differentiate adaptive introgression, sweeps, and neutrality, $\gamma = 1$, Level 1 chosen through cross validation (see *Training the models*), Daubechies' least asymmetic wavelets, including two-dimensional statistics

Chromosome	Neutral	Introgression sweep	Sweep	$\mathbb{P}[\text{Introgression sweep}] > 0.6$	$\mathbb{P}[\text{Sweep}] > 0.6$
1	90.5	3.5	6.1	0.5	2.3
2	90.3	4.7	5.1	1.0	1.4
3	91.4	4.3	4.3	0.9	1.1
4	87.4	6.0	6.6	1.5	2.1
5	93.2	3.4	3.4	0.7	0.7
6	92.8	2.9	4.3	0.6	1.3
7	92.8	2.7	4.4	0.4	0.9
8	88.0	4.9	7.0	0.8	1.7
9	90.9	3.8	5.3	0.7	1.1
10	92.0	3.9	4.2	1.1	0.8
11	92.2	3.8	4.0	0.6	1.3
12	92.2	2.7	5.1	0.6	1.1
13	93.7	2.9	3.3	0.3	0.3
14	91.3	3.7	5.0	0.7	1.9
15	89.4	4.7	5.9	0.8	1.4
16	93.0	3.1	3.9	0.3	0.7
17	93.4	3.0	3.6	0.4	0.8
18	90.1	5.5	4.4	1.4	0.8
19	89.9	3.2	6.9	0.3	1.2
20	90.3	4.6	5.1	0.3	0.9
21	90.9	4.4	4.7	0.7	0.8
22	94.4	3.8	1.8	0.3	0.0