

# A Binary logistic regression model as a tool to predict craft beer susceptibility to microbial spoilage

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**Supplementary Table S1: Data for the Model Development**

N° assay	Replica	Hurdle/Beer	% ABV	IBU	pH	% YFE	Strain	G/NG
1	1	%ABV	0	11	4.2	2.37	B1	1
	2	%ABV	0	11	4.2	2.37	B1	1
	3	%ABV	0	11	4.2	2.37	B1	1
2	1	%ABV	2.5	11	4.2	2.37	B1	1
	2	%ABV	2.5	11	4.2	2.37	B1	1
	3	%ABV	2.5	11	4.2	2.37	B1	1
3	1	%ABV	5	11	4.2	2.37	B1	1
	2	%ABV	5	11	4.2	2.37	B1	1
	3	%ABV	5	11	4.2	2.37	B1	1
4	1	%ABV	7.5	11	4.2	2.37	B1	0
	2	%ABV	7.5	11	4.2	2.37	B1	0
	3	%ABV	7.5	11	4.2	2.37	B1	0
5	1	%ABV	10	11	4.2	2.37	B1	0
	2	%ABV	10	11	4.2	2.37	B1	0
	3	%ABV	10	11	4.2	2.37	B1	0
6	1	%ABV	12	11	4.2	2.37	B1	0
	2	%ABV	12	11	4.2	2.37	B1	0
	3	%ABV	12	11	4.2	2.37	B1	0
7	1	% ABV	0	11	4.2	2.37	B2	1
	2	%ABV	0	11	4.2	2.37	B2	1
	3	%ABV	0	11	4.2	2.37	B2	1
8	1	%ABV	2.5	11	4.2	2.37	B2	1
	2	%ABV	2.5	11	4.2	2.37	B2	1
	3	%ABV	2.5	11	4.2	2.37	B2	1
9	1	%ABV	5	11	4.2	2.37	B2	1
	2	%ABV	5	11	4.2	2.37	B2	1
	3	%ABV	5	11	4.2	2.37	B2	1
10	1	%ABV	7.5	11	4.2	2.37	B2	0
	2	%ABV	7.5	11	4.2	2.37	B2	0
	3	%ABV	7.5	11	4.2	2.37	B2	0
11	1	%ABV	10	11	4.2	2.37	B2	0
	2	%ABV	10	11	4.2	2.37	B2	0
	3	%ABV	10	11	4.2	2.37	B2	0
12	1	%ABV	12	11	4.2	2.37	B2	0
	2	%ABV	12	11	4.2	2.37	B2	0
	3	%ABV	12	11	4.2	2.37	B2	0
13	1	%ABV	0	11	4.2	2.37	F2	1
	2	%ABV	0	11	4.2	2.37	F2	1
	3	%ABV	0	11	4.2	2.37	F2	1
14	1	%ABV	2.5	11	4.2	2.37	F2	1
	2	%ABV	2.5	11	4.2	2.37	F2	1
	3	%ABV	2.5	11	4.2	2.37	F2	1
15	1	%ABV	5	11	4.2	2.37	F2	1
	2	%ABV	5	11	4.2	2.37	F2	1
	3	%ABV	5	11	4.2	2.37	F2	0
16	1	%ABV	10	11	4.2	2.37	F2	0
	2	%ABV	10	11	4.2	2.37	F2	0
	3	%ABV	10	11	4.2	2.37	F2	0
17	1	%ABV	12	11	4.2	2.37	F2	0
	2	%ABV	12	11	4.2	2.37	F2	0
	3	%ABV	12	11	4.2	2.37	F2	0
18	1	%ABV	0	11	4.2	2.37	F1	1
	2	%ABV	0	11	4.2	2.37	F1	1
	3	%ABV	0	11	4.2	2.37	F1	1
19	1	%ABV	2.5	11	4.2	2.37	F1	1
	2	%ABV	2.5	11	4.2	2.37	F1	1
	3	%ABV	2.5	11	4.2	2.37	F1	1
20	1	%ABV	5	11	4.2	2.37	F1	1
	2	%ABV	5	11	4.2	2.37	F1	1
	3	%ABV	5	11	4.2	2.37	F1	1
21	1	%ABV	7.5	11	4.2	2.37	F1	0
	2	%ABV	7.5	11	4.2	2.37	F1	0

	3	%ABV	7.5	11	4.2	2.37	F1	0
22	1	%ABV	10	11	4.2	2.37	F1	0
	2	%ABV	10	11	4.2	2.37	F1	0
	3	%ABV	10	11	4.2	2.37	F1	0
23	1	%ABV	12	11	4.2	2.37	F1	0
	2	%ABV	12	11	4.2	2.37	F2	0
	3	%ABV	12	11	4.2	2.37	F2	0
24	1	%ABV	0	11	4.2	2.37	B6	1
	2	%ABV	0	11	4.2	2.37	B6	1
	3	%ABV	0	11	4.2	2.37	B6	1
25	1	%ABV	2.5	11	4.2	2.37	B6	1
	2	%ABV	2.5	11	4.2	2.37	B6	1
	3	%ABV	2.5	11	4.2	2.37	B6	1
26	1	%ABV	5	11	4.2	2.37	B6	1
	2	%ABV	5	11	4.2	2.37	B6	1
	3	%ABV	5	11	4.2	2.37	B6	1
27	1	%ABV	7.5	11	4.2	2.37	B6	0
	2	%ABV	7.5	11	4.2	2.37	B6	0
	3	%ABV	7.5	11	4.2	2.37	B6	0
28	1	%ABV	10	11	4.2	2.37	B6	0
	2	%ABV	10	11	4.2	2.37	B6	0
	3	%ABV	10	11	4.2	2.37	B6	0
29	1	%ABV	12	11	4.2	2.37	B6	0
	2	%ABV	12	11	4.2	2.37	B6	0
	3	%ABV	12	11	4.2	2.37	B6	0
30	1	%ABV	0	11	4.2	2.37	216	1
	2	%ABV	0	11	4.2	2.37	216	1
	3	%ABV	0	11	4.2	2.37	216	1
31	1	%ABV	2.5	11	4.2	2.37	216	1
	2	%ABV	2.5	11	4.2	2.37	216	1
	3	%ABV	2.5	11	4.2	2.37	216	1
32	1	%ABV	5	11	4.2	2.37	216	1
	2	%ABV	5	11	4.2	2.37	216	1
	3	%ABV	5	11	4.2	2.37	216	1
33	1	%ABV	7.5	11	4.2	2.37	216	1
	2	%ABV	7.5	11	4.2	2.37	216	1
	3	%ABV	7.5	11	4.2	2.37	216	1
34	1	%ABV	10	11	4.2	2.37	216	1
	2	%ABV	10	11	4.2	2.37	216	1
	3	%ABV	10	11	4.2	2.37	216	1
35	1	%ABV	12	11	4.2	2.37	216	0
	2	%ABV	12	11	4.2	2.37	216	0
	3	%ABV	12	11	4.2	2.37	216	0
36	1	%ABV	0	11	4.2	2.37	D1	1
	2	%ABV	0	11	4.2	2.37	D1	1
	3	%ABV	0	11	4.2	2.37	D1	1
37	1	%ABV	2.5	11	4.2	2.37	D1	1
	2	%ABV	2.5	11	4.2	2.37	D1	1
	3	%ABV	2.5	11	4.2	2.37	D1	1
38	1	%ABV	5	11	4.2	2.37	D1	1
	2	%ABV	5	11	4.2	2.37	D1	1
	3	%ABV	5	11	4.2	2.37	D1	1
39	1	%ABV	7.5	11	4.2	2.37	D1	1
	2	%ABV	7.5	11	4.2	2.37	D1	1
	3	%ABV	7.5	11	4.2	2.37	D1	1
40	1	%ABV	10	11	4.2	2.37	D1	1
	2	%ABV	10	11	4.2	2.37	D1	1
	3	%ABV	10	11	4.2	2.37	D1	1
41	1	%ABV	12	11	4.2	2.37	D1	0
	2	%ABV	12	11	4.2	2.37	D1	0
	3	%ABV	12	11	4.2	2.37	D1	0
42	1	%ABV	0	11	4.2	2.37	L1	1
	2	%ABV	0	11	4.2	2.37	L1	1
	3	%ABV	0	11	4.2	2.37	L1	1
43	1	%ABV	2.5	11	4.2	2.37	L1	1
	2	%ABV	2.5	11	4.2	2.37	L1	1
	3	%ABV	2.5	11	4.2	2.37	L1	1
44	1	%ABV	5	11	4.2	2.37	L1	1

	2	%ABV	5	11	4.2	2.37	L1	1
	3	%ABV	5	11	4.2	2.37	L1	1
45	1	%ABV	7.5	11	4.2	2.37	L1	1
	2	%ABV	7.5	11	4.2	2.37	L1	1
	3	%ABV	7.5	11	4.2	2.37	L1	1
46	1	%ABV	10	11	4.2	2.37	L1	1
	2	%ABV	10	11	4.2	2.37	L1	1
	3	%ABV	10	11	4.2	2.37	L1	1
47	1	%ABV	12	11	4.2	2.37	L1	0
	2	%ABV	12	11	4.2	2.37	L1	0
	3	%ABV	12	11	4.2	2.37	L1	0
48	1	%ABV	0	11	4.2	2.37	H2	1
	2	%ABV	0	11	4.2	2.37	H2	1
	3	%ABV	0	11	4.2	2.37	H2	1
49	1	%ABV	2.5	11	4.2	2.37	H2	1
	2	%ABV	2.5	11	4.2	2.37	H2	1
	3	%ABV	2.5	11	4.2	2.37	H2	1
50	1	%ABV	5	11	4.2	2.37	H2	1
	2	%ABV	5	11	4.2	2.37	H2	1
	3	%ABV	5	11	4.2	2.37	H2	1
51	1	%ABV	7.5	11	4.2	2.37	H2	1
	2	%ABV	7.5	11	4.2	2.37	H2	1
	3	%ABV	7.5	11	4.2	2.37	H2	1
52	1	%ABV	10	11	4.2	2.37	H2	1
	2	%ABV	10	11	4.2	2.37	H2	1
	3	%ABV	10	11	4.2	2.37	H2	1
53	1	%ABV	12	11	4.2	2.37	H2	1
	2	%ABV	12	11	4.2	2.37	H2	1
	3	%ABV	12	11	4.2	2.37	H2	1
54	1	IBU	0.1	10	4.2	2	B1	1
	2	IBU	0.1	10	4.2	2	B1	1
	3	IBU	0.1	10	4.2	2	B1	1
55	1	IBU	0.1	15	4.3	2.2	B1	1
	2	IBU	0.1	15	4.3	2.2	B1	1
	3	IBU	0.1	15	4.3	2.2	B1	1
56	1	IBU	0.1	20	4.4	2.4	B1	1
	2	IBU	0.1	20	4.4	2.4	B1	1
	3	IBU	0.1	20	4.4	2.4	B1	1
57	1	IBU	0.1	30	4.5	2.6	B1	1
	2	IBU	0.1	30	4.5	2.6	B1	1
	3	IBU	0.1	30	4.5	2.6	B1	1
58	1	IBU	0.1	40	4.55	2.8	B1	0
	2	IBU	0.1	40	4.55	2.8	B1	0
	3	IBU	0.1	40	4.55	2.8	B1	0
59	1	IBU	0.1	50	4.6	3	B1	0
	2	IBU	0.1	50	4.6	3	B1	0
	3	IBU	0.1	50	4.6	3	B1	0
60	1	IBU	0.1	10	4.2	2	B2	1
	2	IBU	0.1	10	4.2	2	B2	1
	3	IBU	0.1	10	4.2	2	B2	1
61	1	IBU	0.1	15	4.3	2.2	B2	1
	2	IBU	0.1	15	4.3	2.2	B2	1
	3	IBU	0.1	15	4.3	2.2	B2	1
62	1	IBU	0.1	20	4.4	2.4	B2	1
	2	IBU	0.1	20	4.4	2.4	B2	1
	3	IBU	0.1	20	4.4	2.4	B2	1
63	1	IBU	0.1	30	4.5	2.6	B2	1
	2	IBU	0.1	30	4.5	2.6	B2	1
	3	IBU	0.1	30	4.5	2.6	B2	1
64	1	IBU	0.1	40	4.55	2.8	B2	0
	2	IBU	0.1	40	4.55	2.8	B2	0
	3	IBU	0.1	40	4.55	2.8	B2	0
65	1	IBU	0.1	50	4.6	3	B2	0
	2	IBU	0.1	50	4.6	3	B2	0
	3	IBU	0.1	50	4.6	3	B2	0
66	1	IBU	0.1	10	4.2	2	F2	1
	2	IBU	0.1	10	4.2	2	F2	1
	3	IBU	0.1	10	4.2	2	F2	1

67	1	IBU	0.1	15	4.3	2.2	F2	1
	2	IBU	0.1	15	4.3	2.2	F2	1
	3	IBU	0.1	15	4.3	2.2	F2	1
68	1	IBU	0.1	20	4.4	2.4	F2	1
	2	IBU	0.1	20	4.4	2.4	F2	1
	3	IBU	0.1	20	4.4	2.4	F2	1
69	1	IBU	0.1	30	4.5	2.6	F2	1
	2	IBU	0.1	30	4.5	2.6	F2	1
	3	IBU	0.1	30	4.5	2.6	F2	1
70	1	IBU	0.1	40	4.55	2.8	F2	1
	2	IBU	0.1	40	4.55	2.8	F2	1
	3	IBU	0.1	40	4.55	2.8	F2	1
71	1	IBU	0.1	50	4.6	3	F2	1
	2	IBU	0.1	50	4.6	3	F2	1
	3	IBU	0.1	50	4.6	3	F2	1
72	1	IBU	0.1	10	4.2	2	F1	1
	2	IBU	0.1	10	4.2	2	F1	1
	3	IBU	0.1	10	4.2	2	F1	1
73	1	IBU	0.1	15	4.3	2.2	F1	1
	2	IBU	0.1	15	4.3	2.2	F1	1
	3	IBU	0.1	15	4.3	2.2	F1	1
74	1	IBU	0.1	20	4.4	2.4	F1	1
	2	IBU	0.1	20	4.4	2.4	F1	1
	3	IBU	0.1	20	4.4	2.4	F1	1
75	1	IBU	0.1	30	4.5	2.6	F1	1
	2	IBU	0.1	30	4.5	2.6	F1	1
	3	IBU	0.1	30	4.5	2.6	F1	1
76	1	IBU	0.1	40	4.55	2.8	F1	0
	2	IBU	0.1	40	4.55	2.8	F1	0
	3	IBU	0.1	40	4.55	2.8	F1	0
77	1	IBU	0.1	50	4.6	3	F1	0
	2	IBU	0.1	50	4.6	3	F1	0
	3	IBU	0.1	50	4.6	3	F1	0
78	1	IBU	0.1	10	4.2	2	B6	1
	2	IBU	0.1	10	4.2	2	B6	1
	3	IBU	0.1	10	4.2	2	B6	1
79	1	IBU	0.1	15	4.3	2.2	B6	1
	2	IBU	0.1	15	4.3	2.2	B6	1
	3	IBU	0.1	15	4.3	2.2	B6	1
80	1	IBU	0.1	20	4.4	2.4	B6	1
	2	IBU	0.1	20	4.4	2.4	B6	1
	3	IBU	0.1	20	4.4	2.4	B6	1
81	1	IBU	0.1	30	4.5	2.6	B6	1
	2	IBU	0.1	30	4.5	2.6	B6	1
	3	IBU	0.1	30	4.5	2.6	B6	1
82	1	IBU	0.1	40	4.55	2.8	B6	1
	2	IBU	0.1	40	4.55	2.8	B6	1
	3	IBU	0.1	40	4.55	2.8	B6	1
83	1	IBU	0.1	50	4.6	3	B6	1
	2	IBU	0.1	50	4.6	3	B6	1
	3	IBU	0.1	50	4.6	3	B6	0
84	1	IBU	0.1	10	4.2	2	216	1
	2	IBU	0.1	10	4.2	2	216	1
	3	IBU	0.1	10	4.2	2	216	1
85	1	IBU	0.1	15	4.3	2.2	216	1
	2	IBU	0.1	15	4.3	2.2	216	1
	3	IBU	0.1	15	4.3	2.2	216	1
86	1	IBU	0.1	20	4.4	2.4	216	1
	2	IBU	0.1	20	4.4	2.4	216	1
	3	IBU	0.1	20	4.4	2.4	216	1
87	1	IBU	0.1	30	4.5	2.6	216	1
	2	IBU	0.1	30	4.5	2.6	216	1
	3	IBU	0.1	30	4.5	2.6	216	1
88	1	IBU	0.1	40	4.55	2.8	216	1
	2	IBU	0.1	40	4.55	2.8	216	1
	3	IBU	0.1	40	4.55	2.8	216	1
89	1	IBU	0.1	50	4.6	3	216	1
	2	IBU	0.1	50	4.6	3	216	1

	3	IBU	0.1	50	4.6	3	216	1
90	1	IBU	0.1	10	4.2	2	D1	1
	2	IBU	0.1	10	4.2	2	D1	1
	3	IBU	0.1	10	4.2	2	D1	1
91	1	IBU	0.1	15	4.3	2.2	D1	1
	2	IBU	0.1	15	4.3	2.2	D1	1
	3	IBU	0.1	15	4.3	2.2	D1	1
92	1	IBU	0.1	20	4.4	2.4	D1	1
	2	IBU	0.1	20	4.4	2.4	D1	1
	3	IBU	0.1	20	4.4	2.4	D1	1
93	1	IBU	0.1	30	4.5	2.6	D1	1
	2	IBU	0.1	30	4.5	2.6	D1	1
	3	IBU	0.1	30	4.5	2.6	D1	1
94	1	IBU	0.1	40	4.55	2.8	D1	1
	2	IBU	0.1	40	4.55	2.8	D1	1
	3	IBU	0.1	40	4.55	2.8	D1	1
95	1	IBU	0.1	50	4.6	3	D1	1
	2	IBU	0.1	50	4.6	3	D1	1
	3	IBU	0.1	50	4.6	3	D1	1
96	1	IBU	0.1	10	4.2	2	L1	1
	2	IBU	0.1	10	4.2	2	L1	1
	3	IBU	0.1	10	4.2	2	L1	1
97	1	IBU	0.1	15	4.3	2.2	L1	1
	2	IBU	0.1	15	4.3	2.2	L1	1
	3	IBU	0.1	15	4.3	2.2	L1	1
98	1	IBU	0.1	20	4.4	2.4	L1	1
	2	IBU	0.1	20	4.4	2.4	L1	1
	3	IBU	0.1	20	4.4	2.4	L1	1
99	1	IBU	0.1	30	4.5	2.6	L1	1
	2	IBU	0.1	30	4.5	2.6	L1	1
	3	IBU	0.1	30	4.5	2.6	L1	1
100	1	IBU	0.1	40	4.55	2.8	L1	1
	2	IBU	0.1	40	4.55	2.8	L1	1
	3	IBU	0.1	40	4.55	2.8	L1	1
101	1	IBU	0.1	50	4.6	3	L1	1
	2	IBU	0.1	50	4.6	3	L1	1
	3	IBU	0.1	50	4.6	3	L1	1
102	1	IBU	0.1	10	4.2	2	H2	1
	2	IBU	0.1	10	4.2	2	H2	1
	3	IBU	0.1	10	4.2	2	H2	1
103	1	IBU	0.1	15	4.3	2.2	H2	1
	2	IBU	0.1	15	4.3	2.2	H2	1
	3	IBU	0.1	15	4.3	2.2	H2	1
104	1	IBU	0.1	20	4.4	2.4	H2	1
	2	IBU	0.1	20	4.4	2.4	H2	1
	3	IBU	0.1	20	4.4	2.4	H2	1
105	1	IBU	0.1	30	4.5	2.6	H2	1
	2	IBU	0.1	30	4.5	2.6	H2	1
	3	IBU	0.1	30	4.5	2.6	H2	1
106	1	IBU	0.1	40	4.55	2.8	H2	1
	2	IBU	0.1	40	4.55	2.8	H2	1
	3	IBU	0.1	40	4.55	2.8	H2	1
107	1	IBU	0.1	50	4.6	3	H2	1
	2	IBU	0.1	50	4.6	3	H2	1
	3	IBU	0.1	50	4.6	3	H2	1
108	1	pH	0.5	11	3.2	1.45	B1	0
	2	pH	0.5	11	3.2	1.45	B1	0
	3	pH	0.5	11	3.2	1.45	B1	0
109	1	pH	0.5	11	3.5	1.45	B1	0
	2	pH	0.5	11	3.5	1.45	B1	0
	3	pH	0.5	11	3.5	1.45	B1	0
110	1	pH	0.5	11	3.8	1.45	B1	1
	2	pH	0.5	11	3.8	1.45	B1	1
	3	pH	0.5	11	3.8	1.45	B1	0
111	1	pH	0.5	11	4.1	1.45	B1	1
	2	pH	0.5	11	4.1	1.45	B1	1
	3	pH	0.5	11	4.1	1.45	B1	1
112	1	pH	0.5	11	4.4	1.45	B1	1

	2	pH	0.5	11	4.4	1.45	B1	1
	3	pH	0.5	11	4.4	1.45	B1	1
113	1	pH	0.5	11	4.7	1.45	B1	1
	2	pH	0.5	11	4.7	1.45	B1	1
	3	pH	0.5	11	4.7	1.45	B1	1
114	1	pH	0.5	11	3.2	1.45	B2	0
	2	pH	0.5	11	3.2	1.45	B2	0
	3	pH	0.5	11	3.2	1.45	B2	0
115	1	pH	0.5	11	3.5	1.45	B2	1
	2	pH	0.5	11	3.5	1.45	B2	1
	3	pH	0.5	11	3.5	1.45	B2	0
116	1	pH	0.5	11	3.8	1.45	B2	1
	2	pH	0.5	11	3.8	1.45	B2	1
	3	pH	0.5	11	3.8	1.45	B2	1
117	1	pH	0.5	11	4.1	1.45	B2	1
	2	pH	0.5	11	4.1	1.45	B2	1
	3	pH	0.5	11	4.1	1.45	B2	1
118	1	pH	0.5	11	4.4	1.45	B2	1
	2	pH	0.5	11	4.4	1.45	B2	1
	3	pH	0.5	11	4.4	1.45	B2	1
119	1	pH	0.5	11	4.7	1.45	B2	1
	2	pH	0.5	11	4.7	1.45	B2	1
	3	pH	0.5	11	4.7	1.45	B2	1
120	1	pH	0.5	11	3.2	1.45	F2	0
	2	pH	0.5	11	3.2	1.45	F2	0
	3	pH	0.5	11	3.2	1.45	F2	0
121	1	pH	0.5	11	3.5	1.45	F2	1
	2	pH	0.5	11	3.5	1.45	F2	1
	3	pH	0.5	11	3.5	1.45	F2	0
122	1	pH	0.5	11	3.8	1.45	F2	1
	2	pH	0.5	11	3.8	1.45	F2	1
	3	pH	0.5	11	3.8	1.45	F2	1
123	1	pH	0.5	11	4.1	1.45	F2	1
	2	pH	0.5	11	4.1	1.45	F2	1
	3	pH	0.5	11	4.1	1.45	F2	1
124	1	pH	0.5	11	4.4	1.45	F2	1
	2	pH	0.5	11	4.4	1.45	F2	1
	3	pH	0.5	11	4.4	1.45	F2	1
125	1	pH	0.5	11	4.7	1.45	F2	1
	2	pH	0.5	11	4.7	1.45	F2	1
	3	pH	0.5	11	4.7	1.45	F2	1
126	1	pH	0.5	11	3.2	1.45	F1	0
	2	pH	0.5	11	3.2	1.45	F1	0
	3	pH	0.5	11	3.2	1.45	F1	0
127	1	pH	0.5	11	3.5	1.45	F1	1
	2	pH	0.5	11	3.5	1.45	F1	1
	3	pH	0.5	11	3.5	1.45	F1	0
128	1	pH	0.5	11	3.8	1.45	F1	1
	2	pH	0.5	11	3.8	1.45	F1	1
	3	pH	0.5	11	3.8	1.45	F1	1
129	1	pH	0.5	11	4.1	1.45	F1	1
	2	pH	0.5	11	4.1	1.45	F1	1
	3	pH	0.5	11	4.1	1.45	F1	1
130	1	pH	0.5	11	4.4	1.45	F1	1
	2	pH	0.5	11	4.4	1.45	F1	1
	3	pH	0.5	11	4.4	1.45	F1	1
131	1	pH	0.5	11	4.7	1.45	F1	1
	2	pH	0.5	11	4.7	1.45	F1	1
	3	pH	0.5	11	4.7	1.45	F1	1
132	1	pH	0.5	11	3.2	1.45	B6	0
	2	pH	0.5	11	3.2	1.45	B6	0
	3	pH	0.5	11	3.2	1.45	B6	0
133	1	pH	0.5	11	3.5	1.45	B6	0
	2	pH	0.5	11	3.5	1.45	B6	0
	3	pH	0.5	11	3.5	1.45	B6	0
134	1	pH	0.5	11	3.8	1.45	B6	0
	2	pH	0.5	11	3.8	1.45	B6	0
	3	pH	0.5	11	3.8	1.45	B6	0

135	1	pH	0.5	11	4.1	1.45	B6	1
	2	pH	0.5	11	4.1	1.45	B6	1
	3	pH	0.5	11	4.1	1.45	B6	1
136	1	pH	0.5	11	4.4	1.45	B6	1
	2	pH	0.5	11	4.4	1.45	B6	1
	3	pH	0.5	11	4.4	1.45	B6	1
137	1	pH	0.5	11	4.7	1.45	B6	1
	2	pH	0.5	11	4.7	1.45	B6	1
	3	pH	0.5	11	4.7	1.45	B6	1
138	1	pH	0.5	11	3.2	1.45	216	0
	2	pH	0.5	11	3.2	1.45	216	0
	3	pH	0.5	11	3.2	1.45	216	0
139	1	pH	0.5	11	3.5	1.45	216	1
	2	pH	0.5	11	3.5	1.45	216	1
	3	pH	0.5	11	3.5	1.45	216	0
140	1	pH	0.5	11	3.8	1.45	216	1
	2	pH	0.5	11	3.8	1.45	216	1
	3	pH	0.5	11	3.8	1.45	216	1
141	1	pH	0.5	11	4.1	1.45	216	1
	2	pH	0.5	11	4.1	1.45	216	1
	3	pH	0.5	11	4.1	1.45	216	1
142	1	pH	0.5	11	4.4	1.45	216	1
	2	pH	0.5	11	4.4	1.45	216	1
	3	pH	0.5	11	4.4	1.45	216	1
143	1	pH	0.5	11	4.7	1.45	216	1
	2	pH	0.5	11	4.7	1.45	216	1
	3	pH	0.5	11	4.7	1.45	216	1
144	1	pH	0.5	11	3.2	1.45	D1	0
	2	pH	0.5	11	3.2	1.45	D1	0
	3	pH	0.5	11	3.2	1.45	D1	0
145	1	pH	0.5	11	3.5	1.45	D1	1
	2	pH	0.5	11	3.5	1.45	D1	1
	3	pH	0.5	11	3.5	1.45	D1	0
146	1	pH	0.5	11	3.8	1.45	D1	1
	2	pH	0.5	11	3.8	1.45	D1	1
	3	pH	0.5	11	3.8	1.45	D1	1
147	1	pH	0.5	11	4.1	1.45	D1	1
	2	pH	0.5	11	4.1	1.45	D1	1
	3	pH	0.5	11	4.1	1.45	D1	1
148	1	pH	0.5	11	4.4	1.45	D1	1
	2	pH	0.5	11	4.4	1.45	D1	1
	3	pH	0.5	11	4.4	1.45	D1	1
149	1	pH	0.5	11	4.7	1.45	D1	1
	2	pH	0.5	11	4.7	1.45	D1	1
	3	pH	0.5	11	4.7	1.45	D1	1
150	1	pH	0.5	11	3.2	1.45	L1	0
	2	pH	0.5	11	3.2	1.45	L1	0
	3	pH	0.5	11	3.2	1.45	L1	0
151	1	pH	0.5	11	3.5	1.45	L1	0
	2	pH	0.5	11	3.5	1.45	L1	0
	3	pH	0.5	11	3.5	1.45	L1	0
152	1	pH	0.5	11	3.8	1.45	L1	1
	2	pH	0.5	11	3.8	1.45	L1	0
	3	pH	0.5	11	3.8	1.45	L1	1
153	1	pH	0.5	11	4.1	1.45	L1	1
	2	pH	0.5	11	4.1	1.45	L1	1
	3	pH	0.5	11	4.1	1.45	L1	1
154	1	pH	0.5	11	4.4	1.45	L1	1
	2	pH	0.5	11	4.4	1.45	L1	1
	3	pH	0.5	11	4.4	1.45	L1	1
155	1	pH	0.5	11	4.7	1.45	L1	1
	2	pH	0.5	11	4.7	1.45	L1	1
	3	pH	0.5	11	4.7	1.45	L1	1
156	1	pH	0.5	11	3.2	1.45	H2	1
	2	pH	0.5	11	3.2	1.45	H2	1
	3	pH	0.5	11	3.2	1.45	H2	0
157	1	pH	0.5	11	3.5	1.45	H2	1
	2	pH	0.5	11	3.5	1.45	H2	1

	3	pH	0.5	11	3.5	1.45	H2	1
158	1	pH	0.5	11	3.8	1.45	H2	1
	2	pH	0.5	11	3.8	1.45	H2	1
	3	pH	0.5	11	3.8	1.45	H2	1
159	1	pH	0.5	11	4.1	1.45	H2	1
	2	pH	0.5	11	4.1	1.45	H2	1
	3	pH	0.5	11	4.1	1.45	H2	1
160	1	pH	0.5	11	4.4	1.45	H2	1
	2	pH	0.5	11	4.4	1.45	H2	1
	3	pH	0.5	11	4.4	1.45	H2	1
161	1	pH	0.5	11	4.7	1.45	H2	1
	2	pH	0.5	11	4.7	1.45	H2	1
	3	pH	0.5	11	4.7	1.45	H2	1
162	1	YFE	0.1	10	4.2	0.76	B1	1
	2	YFE	0.1	10	4.2	0.76	B1	1
	3	YFE	0.1	10	4.2	0.76	B1	1
163	1	YFE	0.1	10	4.2	1.16	B1	1
	2	YFE	0.1	10	4.2	1.16	B1	1
	3	YFE	0.1	10	4.2	1.16	B1	1
164	1	YFE	0.1	10	4.2	1.96	B1	1
	2	YFE	0.1	10	4.2	1.96	B1	1
	3	YFE	0.1	10	4.2	1.96	B1	1
165	1	YFE	0.1	10	4.2	2.36	B1	1
	2	YFE	0.1	10	4.2	2.36	B1	1
	3	YFE	0.1	10	4.2	2.36	B1	1
166	1	YFE	0.1	10	4.2	0.76	B2	1
	2	YFE	0.1	10	4.2	0.76	B2	1
	3	YFE	0.1	10	4.2	0.76	B2	1
167	1	YFE	0.1	10	4.2	1.16	B2	1
	2	YFE	0.1	10	4.2	1.16	B2	1
	3	YFE	0.1	10	4.2	1.16	B2	1
168	1	YFE	0.1	10	4.2	1.96	B2	1
	2	YFE	0.1	10	4.2	1.96	B2	1
	3	YFE	0.1	10	4.2	1.96	B2	1
169	1	YFE	0.1	10	4.2	2.36	B2	1
	2	YFE	0.1	10	4.2	2.36	B2	1
	3	YFE	0.1	10	4.2	2.36	B2	1
170	1	YFE	0.1	10	4.2	0.76	F2	1
	2	YFE	0.1	10	4.2	0.76	F2	1
	3	YFE	0.1	10	4.2	0.76	F2	1
171	1	YFE	0.1	10	4.2	1.16	F2	1
	2	YFE	0.1	10	4.2	1.16	F2	1
	3	YFE	0.1	10	4.2	1.16	F2	1
172	1	YFE	0.1	10	4.2	1.96	F2	1
	2	YFE	0.1	10	4.2	1.96	F2	1
	3	YFE	0.1	10	4.2	1.96	F2	1
173	1	YFE	0.1	10	4.2	2.36	F2	1
	2	YFE	0.1	10	4.2	2.36	F2	1
	3	YFE	0.1	10	4.2	2.36	F2	1
174	1	YFE	0.1	10	4.2	0.76	F1	1
	2	YFE	0.1	10	4.2	0.76	F1	1
	3	YFE	0.1	10	4.2	0.76	F1	1
175	1	YFE	0.1	10	4.2	1.16	F1	1
	2	YFE	0.1	10	4.2	1.16	F1	1
	3	YFE	0.1	10	4.2	1.16	F1	1
176	1	YFE	0.1	10	4.2	1.96	F1	1
	2	YFE	0.1	10	4.2	1.96	F1	1
	3	YFE	0.1	10	4.2	1.96	F1	1
177	1	YFE	0.1	10	4.2	2.36	F1	1
	2	YFE	0.1	10	4.2	2.36	F1	1
	3	YFE	0.1	10	4.2	2.36	F1	1
178	1	YFE	0.1	10	4.2	0.76	B6	1
	2	YFE	0.1	10	4.2	0.76	B6	1
	3	YFE	0.1	10	4.2	0.76	B6	1
179	1	YFE	0.1	10	4.2	1.16	B6	1
	2	YFE	0.1	10	4.2	1.16	B6	1
	3	YFE	0.1	10	4.2	1.16	B6	1
180	1	YFE	0.1	10	4.2	1.96	B6	1



	2	YFE	0.1	10	4.2	1.96	B6	1
	3	YFE	0.1	10	4.2	1.96	B6	1
177	1	YFE	0.1	10	4.2	2.36	B6	1
	2	YFE	0.1	10	4.2	2.36	B6	1
	3	YFE	0.1	10	4.2	2.36	B6	1
182	1	YFE	0.1	10	4.2	0.76	216	1
	2	YFE	0.1	10	4.2	0.76	216	1
	3	YFE	0.1	10	4.2	0.76	216	1
183	1	YFE	0.1	10	4.2	1.16	216	1
	2	YFE	0.1	10	4.2	1.16	216	1
	3	YFE	0.1	10	4.2	1.16	216	1
184	1	YFE	0.1	10	4.2	1.96	216	1
	2	YFE	0.1	10	4.2	1.96	216	1
	3	YFE	0.1	10	4.2	1.96	216	1
185	1	YFE	0.1	10	4.2	2.36	216	1
	2	YFE	0.1	10	4.2	2.36	216	1
	3	YFE	0.1	10	4.2	2.36	216	1
186	1	YFE	0.1	10	4.2	0.76	D1	1
	2	YFE	0.1	10	4.2	0.76	D1	1
	3	YFE	0.1	10	4.2	0.76	D1	1
187	1	YFE	0.1	10	4.2	1.16	D1	1
	2	YFE	0.1	10	4.2	1.16	D1	1
	3	YFE	0.1	10	4.2	1.16	D1	1
188	1	YFE	0.1	10	4.2	1.96	D1	1
	2	YFE	0.1	10	4.2	1.96	D1	1
	3	YFE	0.1	10	4.2	1.96	D1	1
189	1	YFE	0.1	10	4.2	2.36	D1	1
	2	YFE	0.1	10	4.2	2.36	D1	1
	3	YFE	0.1	10	4.2	2.36	D1	1
190	1	YFE	0.1	10	4.2	0.76	L1	1
	2	YFE	0.1	10	4.2	0.76	L1	1
	3	YFE	0.1	10	4.2	0.76	L1	1
191	1	YFE	0.1	10	4.2	1.16	L1	1
	2	YFE	0.1	10	4.2	1.16	L1	1
	3	YFE	0.1	10	4.2	1.16	L1	1
192	1	YFE	0.1	10	4.2	1.96	L1	1
	2	YFE	0.1	10	4.2	1.96	L1	1
	3	YFE	0.1	10	4.2	1.96	L1	1
193	1	YFE	0.1	10	4.2	2.36	L1	1
	2	YFE	0.1	10	4.2	2.36	L1	1
	3	YFE	0.1	10	4.2	2.36	L1	1
194	1	YFE	0.1	10	4.2	0.76	H2	1
	2	YFE	0.1	10	4.2	0.76	H2	1
	3	YFE	0.1	10	4.2	0.76	H2	1
195	1	YFE	0.1	10	4.2	1.16	H2	1
	2	YFE	0.1	10	4.2	1.16	H2	1
	3	YFE	0.1	10	4.2	1.16	H2	1
196	1	YFE	0.1	10	4.2	1.96	H2	1
	2	YFE	0.1	10	4.2	1.96	H2	1
	3	YFE	0.1	10	4.2	1.96	H2	1
197	1	YFE	0.1	10	4.2	2.36	H2	1
	2	YFE	0.1	10	4.2	2.36	H2	1
	3	YFE	0.1	10	4.2	2.36	H2	1
198	1	Stout A Botella 1	4.2	31	4.27	1.37	H2	1
	2	Stout A Botella 1	4.2	31	4.27	1.37	H2	1
	3	Stout A Botella 2	4.2	31	4.27	1.37	H2	1
	4	Stout A Botella 2	4.2	31	4.27	1.37	H2	1
199	1	Stout A Botella 1	4.2	31	4.27	1.37	B1	0
	2	Stout A Botella 1	4.2	31	4.27	1.37	B1	1
	3	Stout A Botella 2	4.2	31	4.27	1.37	B1	0
	4	Stout A Botella 2	4.2	31	4.27	1.37	B1	0
200	1	Stout A Botella 1	4.2	31	4.27	1.37	B2	0
	2	Stout A Botella 1	4.2	31	4.27	1.37	B2	1
	3	Stout A Botella 2	4.2	31	4.27	1.37	B2	0
	4	Stout A Botella 2	4.2	31	4.27	1.37	B2	0
201	1	Stout A Botella 1	4.2	31	4.27	1.37	B6	1
	2	Stout A Botella 1	4.2	31	4.27	1.37	B6	1
	3	Stout A Botella 2	4.2	31	4.27	1.37	B6	1

	4	Stout A Botella 2	4.2	31	4.27	1.37	B6	1
202	1	Stout A Botella 1	4.2	31	4.27	1.37	F2	0
	2	Stout A Botella 1	4.2	31	4.27	1.37	F2	0
	3	Stout A Botella 2	4.2	31	4.27	1.37	F2	1
	4	Stout A Botella 2	4.2	31	4.27	1.37	F2	0
203	1	Stout A Botella 1	4.2	31	4.27	1.37	216	1
	2	Stout A Botella 1	4.2	31	4.27	1.37	216	1
	3	Stout A Botella 2	4.2	31	4.27	1.37	216	1
	4	Stout A Botella 2	4.2	31	4.27	1.37	216	1
204	1	Stout A Botella 1	4.2	31	4.27	1.37	L1	1
	2	Stout A Botella 1	4.2	31	4.27	1.37	L1	1
	3	Stout A Botella 2	4.2	31	4.27	1.37	L1	1
	4	Stout A Botella 2	4.2	31	4.27	1.37	L1	1
205	1	Stout A Botella 1	4.2	31	4.27	1.37	D1	1
	2	Stout A Botella 1	4.2	31	4.27	1.37	D1	1
	3	Stout A Botella 2	4.2	31	4.27	1.37	D1	1
	4	Stout A Botella 2	4.2	31	4.27	1.37	D1	1
206	1	Stout B Botella 1	9	44	4.37	1.26	H2	1
	2	Stout B Botella 1	9	44	4.37	1.26	H2	1
	3	Stout B Botella 2	9	44	4.37	1.26	H2	1
	4	Stout B Botella 2	9	44	4.37	1.26	H2	1
207	1	Stout B Botella 1	9	44	4.37	1.26	B1	0
	2	Stout B Botella 1	9	44	4.37	1.26	B1	0
	3	Stout B Botella 2	9	44	4.37	1.26	B1	0
	4	Stout B Botella 2	9	44	4.37	1.26	B1	0
208	1	Stout B Botella 1	9	44	4.37	1.26	B2	0
	2	Stout B Botella 1	9	44	4.37	1.26	B2	0
	3	Stout B Botella 2	9	44	4.37	1.26	B2	0
	4	Stout B Botella 2	9	44	4.37	1.26	B2	0
209	1	Stout B Botella 1	9	44	4.37	1.26	B6	0
	2	Stout B Botella 1	9	44	4.37	1.26	B6	0
	3	Stout B Botella 2	9	44	4.37	1.26	B6	0
	4	Stout B Botella 2	9	44	4.37	1.26	B6	0
210	1	Stout B Botella 1	9	44	4.37	1.26	F2	0
	2	Stout B Botella 1	9	44	4.37	1.26	F2	0
	3	Stout B Botella 2	9	44	4.37	1.26	F2	1
	4	Stout B Botella 2	9	44	4.37	1.26	F2	0
211	1	Stout B Botella 1	9	44	4.37	1.26	216	1
	2	Stout B Botella 1	9	44	4.37	1.26	216	1
	3	Stout B Botella 2	9	44	4.37	1.26	216	1
	4	Stout B Botella 2	9	44	4.37	1.26	216	1
212	1	Stout B Botella 1	9	44	4.37	1.26	L1	1
	2	Stout B Botella 1	9	44	4.37	1.26	L1	1
	3	Stout B Botella 2	9	44	4.37	1.26	L1	1
	4	Stout B Botella 2	9	44	4.37	1.26	L1	1
213	1	Porter A Botella 1	5.9	22	4.08	1.31	H2	1
	2	Porter A Botella 1	5.9	22	4.08	1.31	H2	1
	3	Porter A Botella 2	5.9	22	4.08	1.31	H2	1
	4	Porter A Botella 2	5.9	22	4.08	1.31	H2	1
214	1	Porter A Botella 1	5.9	22	4.08	1.31	B1	0
	2	Porter A Botella 1	5.9	22	4.08	1.31	B1	0
	3	Porter A Botella 2	5.9	22	4.08	1.31	B1	0
	4	Porter A Botella 2	5.9	22	4.08	1.31	B1	0
215	1	Porter A Botella 1	5.9	22	4.08	1.31	B2	1
	2	Porter A Botella 1	5.9	22	4.08	1.31	B2	1
	3	Porter A Botella 2	5.9	22	4.08	1.31	B2	0
	4	Porter A Botella 2	5.9	22	4.08	1.31	B2	1
216	1	Porter A Botella 1	5.9	22	4.08	1.31	B6	1
	2	Porter A Botella 1	5.9	22	4.08	1.31	B6	0
	3	Porter A Botella 2	5.9	22	4.08	1.31	B6	1
	4	Porter A Botella 2	5.9	22	4.08	1.31	B6	1
217	1	Porter A Botella 1	5.9	22	4.08	1.31	F2	1
	2	Porter A Botella 1	5.9	22	4.08	1.31	F2	0
	3	Porter A Botella 2	5.9	22	4.08	1.31	F2	1
	4	Porter A Botella 2	5.9	22	4.08	1.31	F2	1
218	1	Porter A Botella 1	5.9	22	4.08	1.31	216	1
	2	Porter A Botella 1	5.9	22	4.08	1.31	216	1
	3	Porter A Botella 2	5.9	22	4.08	1.31	216	1

	4	Porter A Botella 2	5.9	22	4.08	1.31	216	1
219	1	Porter A Botella 1	5.9	22	4.08	1.31	L1	1
	2	Porter A Botella 1	5.9	22	4.08	1.31	L1	1
	3	Porter A Botella 2	5.9	22	4.08	1.31	L1	1
	4	Porter A Botella 2	5.9	22	4.08	1.31	L1	1
220	1	Porter A Botella 1	5.9	22	4.08	1.31	D1	1
	2	Porter A Botella 1	5.9	22	4.08	1.31	D1	1
	3	Porter A Botella 2	5.9	22	4.08	1.31	D1	1
	4	Porter A Botella 2	5.9	22	4.08	1.31	D1	1
221	1	Porter B Botella 1	5	29	4.14	0.18	H2	1
	2	Porter B Botella 1	5	29	4.14	0.18	H2	1
	3	Porter B Botella 2	5	29	4.14	0.18	H2	1
	4	Porter B Botella 2	5	29	4.14	0.18	H2	1
222	1	Porter B Botella 1	5	29	4.14	0.18	B1	0
	2	Porter B Botella 1	5	29	4.14	0.18	B1	0
	3	Porter B Botella 2	5	29	4.14	0.18	B1	0
	4	Porter B Botella 2	5	29	4.14	0.18	B1	0
223	1	Porter B Botella 1	5	29	4.14	0.18	B2	1
	2	Porter B Botella 1	5	29	4.14	0.18	B2	1
	3	Porter B Botella 2	5	29	4.14	0.18	B2	0
	4	Porter B Botella 2	5	29	4.14	0.18	B2	1
224	1	Porter B Botella 1	5	29	4.14	0.18	B6	1
	2	Porter B Botella 1	5	29	4.14	0.18	B6	1
	3	Porter B Botella 2	5	29	4.14	0.18	B6	0
	4	Porter B Botella 2	5	29	4.14	0.18	B6	1
225	1	Porter B Botella 1	5	29	4.14	0.18	F2	0
	2	Porter B Botella 1	5	29	4.14	0.18	F2	0
	3	Porter B Botella 2	5	29	4.14	0.18	F2	0
	4	Porter B Botella 2	5	29	4.14	0.18	F2	0
226	1	Porter B Botella 1	5	29	4.14	0.18	216	1
	2	Porter B Botella 1	5	29	4.14	0.18	216	1
	3	Porter B Botella 2	5	29	4.14	0.18	216	1
	4	Porter B Botella 2	5	29	4.14	0.18	216	1
227	1	Porter B Botella 1	5	29	4.14	0.18	L1	1
	2	Porter B Botella 1	5	29	4.14	0.18	L1	1
	3	Porter B Botella 2	5	29	4.14	0.18	L1	1
	4	Porter B Botella 2	5	29	4.14	0.18	L1	1
228	1	Porter B Botella 1	5	29	4.14	0.18	D1	1
	2	Porter B Botella 1	5	29	4.14	0.18	D1	1
	3	Porter B Botella 2	5	29	4.14	0.18	D1	1
	4	Porter B Botella 2	5	29	4.14	0.18	D1	1
229	1	Brown Ale A Bot1	4.3	21	4.17	0.74	H2	1
	2	Brown Ale A Bot1	4.3	21	4.17	0.74	H2	1
	3	Brown Ale A Bot2	4.3	21	4.17	0.74	H2	1
	4	Brown Ale A Bot2	4.3	21	4.17	0.74	H2	1
230	1	Brown Ale A Bot1	4.3	21	4.17	0.74	B1	0
	2	Brown Ale A Bot1	4.3	21	4.17	0.74	B1	1
	3	Brown Ale A Bot2	4.3	21	4.17	0.74	B1	0
	4	Brown Ale A Bot2	4.3	21	4.17	0.74	B1	0
231	1	Brown Ale A Bot1	4.3	21	4.17	0.74	B2	0
	2	Brown Ale A Bot1	4.3	21	4.17	0.74	B2	1
	3	Brown Ale A Bot2	4.3	21	4.17	0.74	B2	0
	4	Brown Ale A Bot2	4.3	21	4.17	0.74	B2	0
232	1	Brown Ale A Bot1	4.3	21	4.17	0.74	B6	0
	2	Brown Ale A Bot1	4.3	21	4.17	0.74	B6	0
	3	Brown Ale A Bot2	4.3	21	4.17	0.74	B6	0
	4	Brown Ale A Bot2	4.3	21	4.17	0.74	B6	0
233	1	Brown Ale A Bot1	4.3	21	4.17	0.74	F2	0
	2	Brown Ale A Bot1	4.3	21	4.17	0.74	F2	0
	3	Brown Ale A Bot2	4.3	21	4.17	0.74	F2	0
	4	Brown Ale A Bot2	4.3	21	4.17	0.74	F2	0
234	1	Brown Ale A Bot1	4.3	21	4.17	0.74	216	1
	2	Brown Ale A Bot1	4.3	21	4.17	0.74	216	1
	3	Brown Ale A Bot2	4.3	21	4.17	0.74	216	1
	4	Brown Ale A Bot2	4.3	21	4.17	0.74	216	1
235	1	Brown Ale A Bot1	4.3	21	4.17	0.74	L1	1
	2	Brown Ale A Bot1	4.3	21	4.17	0.74	L1	1
	3	Brown Ale A Bot2	4.3	21	4.17	0.74	L1	1

	4	Brown Ale A Bot2	4.3	21	4.17	0.74	L1	1
236	1	Brown Ale A Bot1	4.3	21	4.17	0.74	D1	1
	2	Brown Ale A Bot1	4.3	21	4.17	0.74	D1	1
	3	Brown Ale A Bot2	4.3	21	4.17	0.74	D1	1
	4	Brown Ale A Bot2	4.3	21	4.17	0.74	D1	1
237	1	Brown Ale B Bot 1	5.2	44	4.46	1.45	H2	1
	2	Brown Ale B Bot 1	5.2	44	4.46	1.45	H2	1
	3	Brown Ale B Bot 2	5.2	44	4.46	1.45	H2	1
	4	Brown Ale B Bot 2	5.2	44	4.46	1.45	H2	1
238	1	Brown Ale B Bot 1	5.2	44	4.46	1.45	B1	0
	2	Brown Ale B Bot 1	5.2	44	4.46	1.45	B1	1
	3	Brown Ale B Bot 2	5.2	44	4.46	1.45	B1	0
	4	Brown Ale B Bot 2	5.2	44	4.46	1.45	B1	0
239	1	Brown Ale B Bot 1	5.2	44	4.46	1.45	B2	1
	2	Brown Ale B Bot 1	5.2	44	4.46	1.45	B2	1
	3	Brown Ale B Bot 2	5.2	44	4.46	1.45	B2	1
	4	Brown Ale B Bot 2	5.2	44	4.46	1.45	B2	1
240	1	Brown Ale B Bot 1	5.2	44	4.46	1.45	B6	1
	2	Brown Ale B Bot 1	5.2	44	4.46	1.45	B6	1
	3	Brown Ale B Bot 2	5.2	44	4.46	1.45	B6	1
	4	Brown Ale B Bot 2	5.2	44	4.46	1.45	B6	1
241	1	Brown Ale B Bot 1	5.2	44	4.46	1.45	F2	0
	2	Brown Ale B Bot 1	5.2	44	4.46	1.45	F2	0
	3	Brown Ale B Bot 2	5.2	44	4.46	1.45	F2	1
	4	Brown Ale B Bot 2	5.2	44	4.46	1.45	F2	0
242	1	Brown Ale B Bot 1	5.2	44	4.46	1.45	216	1
	2	Brown Ale B Bot 1	5.2	44	4.46	1.45	216	1
	3	Brown Ale B Bot 2	5.2	44	4.46	1.45	216	1
	4	Brown Ale B Bot 2	5.2	44	4.46	1.45	216	1
243	1	Brown Ale B Bot 1	5.2	44	4.46	1.45	L1	1
	2	Brown Ale B Bot 1	5.2	44	4.46	1.45	L1	1
	3	Brown Ale B Bot 2	5.2	44	4.46	1.45	L1	1
	4	Brown Ale B Bot 2	5.2	44	4.46	1.45	L1	1
244	1	Brown Ale B Bot 1	5.2	44	4.46	1.45	D1	1
	2	Brown Ale B Bot 1	5.2	44	4.46	1.45	D1	1
	3	Brown Ale B Bot 2	5.2	44	4.46	1.45	D1	1
	4	Brown Ale B Bot 2	5.2	44	4.46	1.45	D1	1
245	1	Amber Ale A Bot 1	5.5	24	4.25	0.55	H2	1
	2	Amber Ale A Bot 1	5.5	24	4.25	0.55	H2	1
	3	Amber Ale A Bot 2	5.5	24	4.25	0.55	H2	1
	4	Amber Ale A Bot 2	5.5	24	4.25	0.55	H2	1
246	1	Amber Ale A Bot 1	5.5	24	4.25	0.55	B1	0
	2	Amber Ale A Bot 1	5.5	24	4.25	0.55	B1	1
	3	Amber Ale A Bot 2	5.5	24	4.25	0.55	B1	0
	4	Amber Ale A Bot 2	5.5	24	4.25	0.55	B1	0
247	1	Amber Ale A Bot 1	5.5	24	4.25	0.55	B2	1
	2	Amber Ale A Bot 1	5.5	24	4.25	0.55	B2	1
	3	Amber Ale A Bot 2	5.5	24	4.25	0.55	B2	1
	4	Amber Ale A Bot 2	5.5	24	4.25	0.55	B2	1
248	1	Amber Ale A Bot 1	5.5	24	4.25	0.55	B6	1
	2	Amber Ale A Bot 1	5.5	24	4.25	0.55	B6	1
	3	Amber Ale A Bot 2	5.5	24	4.25	0.55	B6	1
	4	Amber Ale A Bot 2	5.5	24	4.25	0.55	B6	1
249	1	Amber Ale A Bot 1	5.5	24	4.25	0.55	F2	1
	2	Amber Ale A Bot 1	5.5	24	4.25	0.55	F2	1
	3	Amber Ale A Bot 2	5.5	24	4.25	0.55	F2	1
	4	Amber Ale A Bot 2	5.5	24	4.25	0.55	F2	1
250	1	Amber Ale A Bot 1	5.5	24	4.25	0.55	216	1
	2	Amber Ale A Bot 1	5.5	24	4.25	0.55	216	1
	3	Amber Ale A Bot 2	5.5	24	4.25	0.55	216	1
	4	Amber Ale A Bot 2	5.5	24	4.25	0.55	216	1
251	1	Amber Ale A Bot 1	5.5	24	4.25	0.55	L1	1
	2	Amber Ale A Bot 1	5.5	24	4.25	0.55	L1	1
	3	Amber Ale A Bot 2	5.5	24	4.25	0.55	L1	1
	4	Amber Ale A Bot 2	5.5	24	4.25	0.55	L1	1
252	1	Amber Ale A Bot 1	5.5	24	4.25	0.55	D1	1
	2	Amber Ale A Bot 1	5.5	24	4.25	0.55	D1	1
	3	Amber Ale A Bot 2	5.5	24	4.25	0.55	D1	1

	4	Amber Ale A Bot 2	5.5	24	4.25	0.55	D1	1
253	1	Amber Ale B Bot 1	5.8	31	4.26	0.71	H2	1
	2	Amber Ale B Bot 1	5.8	31	4.26	0.71	H2	1
	3	Amber Ale B Bot 2	5.8	31	4.26	0.71	H2	1
	4	Amber Ale B Bot 2	5.8	31	4.26	0.71	H2	1
254	1	Amber Ale B Bot 1	5.8	31	4.26	0.71	B1	0
	2	Amber Ale B Bot 1	5.8	31	4.26	0.71	B1	0
	3	Amber Ale B Bot 2	5.8	31	4.26	0.71	B1	1
	4	Amber Ale B Bot 2	5.8	31	4.26	0.71	B1	0
255	1	Amber Ale B Bot 1	5.8	31	4.26	0.71	B2	1
	2	Amber Ale B Bot 1	5.8	31	4.26	0.71	B2	1
	3	Amber Ale B Bot 2	5.8	31	4.26	0.71	B2	1
	4	Amber Ale B Bot 2	5.8	31	4.26	0.71	B2	1
256	1	Amber Ale B Bot 1	5.8	31	4.26	0.71	B6	1
	2	Amber Ale B Bot 1	5.8	31	4.26	0.71	B6	1
	3	Amber Ale B Bot 2	5.8	31	4.26	0.71	B6	1
	4	Amber Ale B Bot 2	5.8	31	4.26	0.71	B6	1
257	1	Amber Ale B Bot 1	5.8	31	4.26	0.71	F2	0
	2	Amber Ale B Bot 1	5.8	31	4.26	0.71	F2	0
	3	Amber Ale B Bot 2	5.8	31	4.26	0.71	F2	1
	4	Amber Ale B Bot 2	5.8	31	4.26	0.71	F2	0
258	1	Amber Ale B Bot 1	5.8	31	4.26	0.71	216	1
	2	Amber Ale B Bot 1	5.8	31	4.26	0.71	216	1
	3	Amber Ale B Bot 2	5.8	31	4.26	0.71	216	1
	4	Amber Ale B Bot 2	5.8	31	4.26	0.71	216	1
259	1	Amber Ale B Bot 1	5.8	31	4.26	0.71	L1	1
	2	Amber Ale B Bot 1	5.8	31	4.26	0.71	L1	1
	3	Amber Ale B Bot 2	5.8	31	4.26	0.71	L1	1
	4	Amber Ale B Bot 2	5.8	31	4.26	0.71	L1	1
260	1	Amber Ale B Bot 1	5.8	31	4.26	0.71	D1	1
	2	Amber Ale B Bot 1	5.8	31	4.26	0.71	D1	1
	3	Amber Ale B Bot 2	5.8	31	4.26	0.71	D1	1
	4	Amber Ale B Bot 2	5.8	31	4.26	0.71	D1	1
261	1	IPA A Botella 1	7.2	74	4.32	1.73	H2	1
	2	IPA A Botella 1	7.2	74	4.32	1.73	H2	1
	3	IPA A Botella 2	7.2	74	4.32	1.73	H2	1
	4	IPA A Botella 2	7.2	74	4.32	1.73	H2	1
262	1	IPA A Botella 1	7.2	74	4.32	1.73	B1	0
	2	IPA A Botella 1	7.2	74	4.32	1.73	B1	0
	3	IPA A Botella 2	7.2	74	4.32	1.73	B1	0
	4	IPA A Botella 2	7.2	74	4.32	1.73	B1	0
263	1	IPA A Botella 1	7.2	74	4.32	1.73	B2	0
	2	IPA A Botella 1	7.2	74	4.32	1.73	B2	0
	3	IPA A Botella 2	7.2	74	4.32	1.73	B2	0
	4	IPA A Botella 2	7.2	74	4.32	1.73	B2	0
264	1	IPA A Botella 1	7.2	74	4.32	1.73	B6	0
	2	IPA A Botella 1	7.2	74	4.32	1.73	B6	0
	3	IPA A Botella 2	7.2	74	4.32	1.73	B6	0
	4	IPA A Botella 2	7.2	74	4.32	1.73	B6	0
265	1	IPA A Botella 1	7.2	74	4.32	1.73	F2	0
	2	IPA A Botella 1	7.2	74	4.32	1.73	F2	0
	3	IPA A Botella 2	7.2	74	4.32	1.73	F2	0
	4	IPA A Botella 2	7.2	74	4.32	1.73	F2	0
266	1	IPA A Botella 1	7.2	74	4.32	1.73	216	1
	2	IPA A Botella 1	7.2	74	4.32	1.73	216	1
	3	IPA A Botella 2	7.2	74	4.32	1.73	216	1
	4	IPA A Botella 2	7.2	74	4.32	1.73	216	1
267	1	IPA A Botella 1	7.2	74	4.32	1.73	L1	1
	2	IPA A Botella 1	7.2	74	4.32	1.73	L1	1
	3	IPA A Botella 2	7.2	74	4.32	1.73	L1	1
	4	IPA A Botella 2	7.2	74	4.32	1.73	L1	1
267	1	IPA A Botella 1	7.2	74	4.32	1.73	D1	0
	2	IPA A Botella 1	7.2	74	4.32	1.73	D1	1
	3	IPA A Botella 2	7.2	74	4.32	1.73	D1	0
	4	IPA A Botella 2	7.2	74	4.32	1.73	D1	0
269	1	IPA B Botella 1	8.5	75	4.7	0.92	H2	1
	2	IPA B Botella 1	8.5	75	4.7	0.92	H2	1
	3	IPA B Botella 2	8.5	75	4.7	0.92	H2	1

	4	IPA B Botella 2	8.5	75	4.7	0.92	H2	1
270	1	IPA B Botella 1	8.5	75	4.7	0.92	B1	0
	2	IPA B Botella 1	8.5	75	4.7	0.92	B1	0
	3	IPA B Botella 2	8.5	75	4.7	0.92	B1	0
	4	IPA B Botella 2	8.5	75	4.7	0.92	B1	0
271	1	IPA B Botella 1	8.5	75	4.7	0.92	B2	0
	2	IPA B Botella 1	8.5	75	4.7	0.92	B2	0
	3	IPA B Botella 2	8.5	75	4.7	0.92	B2	0
	4	IPA B Botella 2	8.5	75	4.7	0.92	B2	0
272	1	IPA B Botella 1	8.5	75	4.7	0.92	B6	0
	2	IPA B Botella 1	8.5	75	4.7	0.92	B6	0
	3	IPA B Botella 2	8.5	75	4.7	0.92	B6	0
	4	IPA B Botella 2	8.5	75	4.7	0.92	B6	0
273	1	IPA B Botella 1	8.5	75	4.7	0.92	F2	0
	2	IPA B Botella 1	8.5	75	4.7	0.92	F2	0
	3	IPA B Botella 2	8.5	75	4.7	0.92	F2	0
	4	IPA B Botella 2	8.5	75	4.7	0.92	F2	0
274	1	IPA B Botella 1	8.5	75	4.7	0.92	216	1
	2	IPA B Botella 1	8.5	75	4.7	0.92	216	1
	3	IPA B Botella 2	8.5	75	4.7	0.92	216	1
	4	IPA B Botella 2	8.5	75	4.7	0.92	216	1
275	1	IPA B Botella 1	8.5	75	4.7	0.92	L1	1
	2	IPA B Botella 1	8.5	75	4.7	0.92	L1	1
	3	IPA B Botella 2	8.5	75	4.7	0.92	L1	1
	4	IPA B Botella 2	8.5	75	4.7	0.92	L1	1
276	1	IPA B Botella 1	8.5	75	4.7	0.92	D1	0
	2	IPA B Botella 1	8.5	75	4.7	0.92	D1	0
	3	IPA B Botella 2	8.5	75	4.7	0.92	D1	0
	4	IPA B Botella 2	8.5	75	4.7	0.92	D1	1
277	1	Strong Ale A Bot 1	6.5	16	4.2	2.65	H2	1
	2	Strong Ale A Bot 1	6.5	16	4.2	2.65	H2	1
	3	Strong Ale A Bot 2	6.5	16	4.2	2.65	H2	1
	4	Strong Ale A Bot 2	6.5	16	4.2	2.65	H2	1
278	1	Strong Ale A Bot 1	6.5	16	4.2	2.65	B1	0
	2	Strong Ale A Bot 1	6.5	16	4.2	2.65	B1	0
	3	Strong Ale A Bot 2	6.5	16	4.2	2.65	B1	1
	4	Strong Ale A Bot 2	6.5	16	4.2	2.65	B1	0
279	1	Strong Ale A Bot 1	6.5	16	4.2	2.65	B2	1
	2	Strong Ale A Bot 1	6.5	16	4.2	2.65	B2	1
	3	Strong Ale A Bot 2	6.5	16	4.2	2.65	B2	1
	4	Strong Ale A Bot 2	6.5	16	4.2	2.65	B2	1
280	1	Strong Ale A Bot 1	6.5	16	4.2	2.65	B6	1
	2	Strong Ale A Bot 1	6.5	16	4.2	2.65	B6	1
	3	Strong Ale A Bot 2	6.5	16	4.2	2.65	B6	1
	4	Strong Ale A Bot 2	6.5	16	4.2	2.65	B6	1
281	1	Strong Ale A Bot 1	6.5	16	4.2	2.65	F2	0
	2	Strong Ale A Bot 1	6.5	16	4.2	2.65	F2	0
	3	Strong Ale A Bot 2	6.5	16	4.2	2.65	F2	1
	4	Strong Ale A Bot 2	6.5	16	4.2	2.65	F2	0
282	1	Strong Ale A Bot 1	6.5	16	4.2	2.65	216	1
	2	Strong Ale A Bot 1	6.5	16	4.2	2.65	216	1
	3	Strong Ale A Bot 2	6.5	16	4.2	2.65	216	1
	4	Strong Ale A Bot 2	6.5	16	4.2	2.65	216	1
283	1	Strong Ale A Bot 1	6.5	16	4.2	2.65	L1	1
	2	Strong Ale A Bot 1	6.5	16	4.2	2.65	L1	1
	3	Strong Ale A Bot 2	6.5	16	4.2	2.65	L1	1
	4	Strong Ale A Bot 2	6.5	16	4.2	2.65	L1	1
284	1	Strong Ale A Bot 1	6.5	16	4.2	2.65	D1	1
	2	Strong Ale A Bot 1	6.5	16	4.2	2.65	D1	1
	3	Strong Ale A Bot 2	6.5	16	4.2	2.65	D1	1
	4	Strong Ale A Bot 2	6.5	16	4.2	2.65	D1	1
285	1	Strong Ale B Bot 1	10	25	4.44	1.73	H2	1
	2	Strong Ale B Bot 1	10	25	4.44	1.73	H2	1
	3	Strong Ale B Bot 2	10	25	4.44	1.73	H2	1
	4	Strong Ale B Bot 2	10	25	4.44	1.73	H2	1
286	1	Strong Ale B Bot 1	10	25	4.44	1.73	B1	0
	2	Strong Ale B Bot 1	10	25	4.44	1.73	B1	0
	3	Strong Ale B Bot 2	10	25	4.44	1.73	B1	0

	4	Strong Ale B Bot 2	10	25	4.44	1.73	B1	0
287	1	Strong Ale B Bot 1	10	25	4.44	1.73	B2	0
	2	Strong Ale B Bot 1	10	25	4.44	1.73	B2	0
	3	Strong Ale B Bot 2	10	25	4.44	1.73	B2	0
	4	Strong Ale B Bot 2	10	25	4.44	1.73	B2	0
288	1	Strong Ale B Bot 1	10	25	4.44	1.73	F2	0
	2	Strong Ale B Bot 1	10	25	4.44	1.73	F2	0
	3	Strong Ale B Bot 2	10	25	4.44	1.73	F2	1
	4	Strong Ale B Bot 2	10	25	4.44	1.73	F2	0
289	1	Strong Ale B Bot 1	10	25	4.44	1.73	216	1
	2	Strong Ale B Bot 1	10	25	4.44	1.73	216	1
	3	Strong Ale B Bot 2	10	25	4.44	1.73	216	1
	4	Strong Ale B Bot 2	10	25	4.44	1.73	216	1
290	1	Strong Ale B Bot 1	10	25	4.44	1.73	L1	1
	2	Strong Ale B Bot 1	10	25	4.44	1.73	L1	1
	3	Strong Ale B Bot 2	10	25	4.44	1.73	L1	1
	4	Strong Ale B Bot 2	10	25	4.44	1.73	L1	1
291	1	Strong Ale B Bot 1	10	25	4.44	1.73	D1	1
	2	Strong Ale B Bot 1	10	25	4.44	1.73	D1	1
	3	Strong Ale B Bot 2	10	25	4.44	1.73	D1	1
	4	Strong Ale B Bot 2	10	25	4.44	1.73	D1	1
292	1	Non alcoholic A	0.25	11	4.2	2.37	H2	1
	2	Non alcoholic A	0.25	11	4.2	2.37	H2	1
	3	Non alcoholic A	0.25	11	4.2	2.37	H2	1
	4	Non alcoholic A	0.25	11	4.2	2.37	H2	1
293	1	Non alcoholic A	0.25	11	4.2	2.37	B1	1
	2	Non alcoholic A	0.25	11	4.2	2.37	B1	1
	3	Non alcoholic A	0.25	11	4.2	2.37	B1	1
	4	Non alcoholic A	0.25	11	4.2	2.37	B1	1
294	1	Non alcoholic A	0.25	11	4.2	2.37	B2	1
	2	Non alcoholic A	0.25	11	4.2	2.37	B2	1
	3	Non alcoholic A	0.25	11	4.2	2.37	B2	1
	4	Non alcoholic A	0.25	11	4.2	2.37	B2	1
295	1	Non alcoholic A	0.25	11	4.2	2.37	B6	1
	2	Non alcoholic A	0.25	11	4.2	2.37	B6	1
	3	Non alcoholic A	0.25	11	4.2	2.37	B6	1
	4	Non alcoholic A	0.25	11	4.2	2.37	B6	1
296	1	Non alcoholic A	0.25	11	4.2	2.37	F2	1
	2	Non alcoholic A	0.25	11	4.2	2.37	F2	1
	3	Non alcoholic A	0.25	11	4.2	2.37	F2	1
	4	Non alcoholic A	0.25	11	4.2	2.37	F2	1
297	1	Non alcoholic A	0.25	11	4.2	2.37	216	1
	2	Non alcoholic A	0.25	11	4.2	2.37	216	1
	3	Non alcoholic A	0.25	11	4.2	2.37	216	1
	4	Non alcoholic A	0.25	11	4.2	2.37	216	1
298	1	Non alcoholic A	0.25	11	4.2	2.37	L1	1
	2	Non alcoholic A	0.25	11	4.2	2.37	L1	1
	3	Non alcoholic A	0.25	11	4.2	2.37	L1	1
	4	Non alcoholic A	0.25	11	4.2	2.37	L1	1
299	1	Non alcoholic A	0.25	11	4.2	2.37	D1	1
	2	Non alcoholic A	0.25	11	4.2	2.37	D1	1
	3	Non alcoholic A	0.25	11	4.2	2.37	D1	1
	4	Non alcoholic A	0.25	11	4.2	2.37	D1	1
300	1	Wheat A Botella 1	5.5	15	4.29	1	H2	1
	2	Wheat A Botella 1	5.5	15	4.29	1	H2	1
	3	Wheat A Botella 2	5.5	15	4.29	1	H2	1
	4	Wheat A Botella 2	5.5	15	4.29	1	H2	1
301	1	Wheat A Botella 1	5.5	15	4.29	1	B1	0
	2	Wheat A Botella 1	5.5	15	4.29	1	B1	1
	3	Wheat A Botella 2	5.5	15	4.29	1	B1	0
	4	Wheat A Botella 2	5.5	15	4.29	1	B1	0
302	1	Wheat A Botella 1	5.5	15	4.29	1	B2	1
	2	Wheat A Botella 1	5.5	15	4.29	1	B2	1
	3	Wheat A Botella 2	5.5	15	4.29	1	B2	1
	4	Wheat A Botella 2	5.5	15	4.29	1	B2	1
303	1	Wheat A Botella 1	5.5	15	4.29	1	B6	0
	2	Wheat A Botella 1	5.5	15	4.29	1	B6	0
	3	Wheat A Botella 2	5.5	15	4.29	1	B6	0

	4	Wheat A Botella 2	5.5	15	4.29	1	B6	1
304	1	Wheat A Botella 1	5.5	15	4.29	1	F2	0
	2	Wheat A Botella 1	5.5	15	4.29	1	F2	1
	3	Wheat A Botella 2	5.5	15	4.29	1	F2	0
	4	Wheat A Botella 2	5.5	15	4.29	1	F2	0
305	1	Wheat A Botella 1	5.5	15	4.29	1	216	1
	2	Wheat A Botella 1	5.5	15	4.29	1	216	1
	3	Wheat A Botella 2	5.5	15	4.29	1	216	1
	4	Wheat A Botella 2	5.5	15	4.29	1	216	1
306	1	Wheat A Botella 1	5.5	15	4.29	1	L1	1
	2	Wheat A Botella 1	5.5	15	4.29	1	L1	1
	3	Wheat A Botella 2	5.5	15	4.29	1	L1	1
	4	Wheat A Botella 2	5.5	15	4.29	1	L1	1
307	1	Wheat A Botella 1	5.5	15	4.29	1	D1	1
	2	Wheat A Botella 1	5.5	15	4.29	1	D1	1
	3	Wheat A Botella 2	5.5	15	4.29	1	D1	1
	4	Wheat A Botella 2	5.5	15	4.29	1	D1	1
308	1	Wheat B Bot 1	3.8	12	3.14	2.37	H2	1
	2	Wheat B Bot 1	3.8	12	3.14	2.37	H2	1
	3	Wheat B Bot 2	3.8	12	3.14	2.37	H2	0
	4	Wheat B Bot 2	3.8	12	3.14	2.37	H2	1
309	1	Wheat B Bot 1	3.8	12	3.14	2.37	B1	0
	2	Wheat B Bot 1	3.8	12	3.14	2.37	B1	0
	3	Wheat B Bot 2	3.8	12	3.14	2.37	B1	0
	4	Wheat B Bot 2	3.8	12	3.14	2.37	B1	0
310	1	Wheat B Bot 1	3.8	12	3.14	2.37	B2	0
	2	Wheat B Bot 1	3.8	12	3.14	2.37	B2	0
	3	Wheat B Bot 2	3.8	12	3.14	2.37	B2	0
	4	Wheat B Bot 2	3.8	12	3.14	2.37	B2	0
311	1	Wheat B Bot 1	3.8	12	3.14	2.37	B6	1
	2	Wheat B Bot 1	3.8	12	3.14	2.37	B6	1
	3	Wheat B Bot 2	3.8	12	3.14	2.37	B6	0
	4	Wheat B Bot 2	3.8	12	3.14	2.37	B6	1
312	1	Wheat B Bot 1	3.8	12	3.14	2.37	F2	0
	2	Wheat B Bot 1	3.8	12	3.14	2.37	F2	0
	3	Wheat B Bot 2	3.8	12	3.14	2.37	F2	0
	4	Wheat B Bot 2	3.8	12	3.14	2.37	F2	0
313	1	Wheat B Bot 1	3.8	12	3.14	2.37	216	0
	2	Wheat B Bot 1	3.8	12	3.14	2.37	216	0
	3	Wheat B Bot 2	3.8	12	3.14	2.37	216	0
	4	Wheat B Bot 2	3.8	12	3.14	2.37	216	0
314	1	Wheat B Bot 1	3.8	12	3.14	2.37	L1	0
	2	Wheat B Bot 1	3.8	12	3.14	2.37	L1	0
	3	Wheat B Bot 2	3.8	12	3.14	2.37	L1	0
	4	Wheat B Bot 2	3.8	12	3.14	2.37	L1	0
315	1	Wheat B Bot 1	3.8	12	3.14	2.37	D1	0
	2	Wheat B Bot 1	3.8	12	3.14	2.37	D1	0
	3	Wheat B Bot 2	3.8	12	3.14	2.37	D1	0
	4	Wheat B Bot 2	3.8	12	3.14	2.37	D1	0
316	1	Bock A Botella 1	12	25	4.66	1.68	H2	0
	2	Bock A Botella 1	12	25	4.66	1.68	H2	1
	3	Bock A Botella 2	12	25	4.66	1.68	H2	0
	4	Bock A Botella 2	12	25	4.66	1.68	H2	0
317	1	Bock A Botella 1	12	25	4.66	1.68	B1	0
	2	Bock A Botella 1	12	25	4.66	1.68	B1	0
	3	Bock A Botella 2	12	25	4.66	1.68	B1	0
	4	Bock A Botella 2	12	25	4.66	1.68	B1	0
318	1	Bock A Botella 1	12	25	4.66	1.68	B2	0
	2	Bock A Botella 1	12	25	4.66	1.68	B2	0
	3	Bock A Botella 2	12	25	4.66	1.68	B2	0
	4	Bock A Botella 2	12	25	4.66	1.68	B2	0
319	1	Bock A Botella 1	12	25	4.66	1.68	B6	0
	2	Bock A Botella 1	12	25	4.66	1.68	B6	0
	3	Bock A Botella 2	12	25	4.66	1.68	B6	0
	4	Bock A Botella 2	12	25	4.66	1.68	B6	0
320	1	Bock A Botella 1	12	25	4.66	1.68	F2	0
	2	Bock A Botella 1	12	25	4.66	1.68	F2	0
	3	Bock A Botella 2	12	25	4.66	1.68	F2	0



	4	Bock A Botella 2	12	25	4.66	1.68	F2	0
321	1	Bock A Botella 1	12	25	4.66	1.68	216	0
	2	Bock A Botella 1	12	25	4.66	1.68	216	0
	3	Bock A Botella 2	12	25	4.66	1.68	216	0
	4	Bock A Botella 2	12	25	4.66	1.68	216	0
322	1	Bock A Botella 1	12	25	4.66	1.68	L1	0
	2	Bock A Botella 1	12	25	4.66	1.68	L1	1
	3	Bock A Botella 2	12	25	4.66	1.68	L1	0
	4	Bock A Botella 2	12	25	4.66	1.68	L1	0
323	1	Bock A Botella 1	12	25	4.66	1.68	D1	0
	2	Bock A Botella 1	12	25	4.66	1.68	D1	0
	3	Bock A Botella 2	12	25	4.66	1.68	D1	0
	4	Bock A Botella 2	12	25	4.66	1.68	D1	0
324	1	Bock B Botella 1	7	10	4.23	0.76	H2	1
	2	Bock B Botella 1	7	10	4.23	0.76	H2	1
	3	Bock B Botella 2	7	10	4.23	0.76	H2	1
	4	Bock B Botella 2	7	10	4.23	0.76	H2	1
325	1	Bock B Botella 1	7	10	4.23	0.76	B1	1
	2	Bock B Botella 1	7	10	4.23	0.76	B1	1
	3	Bock B Botella 2	7	10	4.23	0.76	B1	1
	4	Bock B Botella 2	7	10	4.23	0.76	B1	1
326	1	Bock B Botella 1	7	10	4.23	0.76	B2	1
	2	Bock B Botella 1	7	10	4.23	0.76	B2	1
	3	Bock B Botella 2	7	10	4.23	0.76	B2	1
	4	Bock B Botella 2	7	10	4.23	0.76	B2	1
327	1	Bock B Botella 1	7	10	4.23	0.76	B6	1
	2	Bock B Botella 1	7	10	4.23	0.76	B6	1
	3	Bock B Botella 2	7	10	4.23	0.76	B6	1
	4	Bock B Botella 2	7	10	4.23	0.76	B6	1
328	1	Bock B Botella 1	7	10	4.23	0.76	F2	1
	2	Bock B Botella 1	7	10	4.23	0.76	F2	1
	3	Bock B Botella 2	7	10	4.23	0.76	F2	1
	4	Bock B Botella 2	7	10	4.23	0.76	F2	1
329	1	Bock B Botella 1	7	10	4.23	0.76	216	1
	2	Bock B Botella 1	7	10	4.23	0.76	216	1
	3	Bock B Botella 2	7	10	4.23	0.76	216	1
	4	Bock B Botella 2	7	10	4.23	0.76	216	1
330	1	Bock B Botella 1	7	10	4.23	0.76	L1	1
	2	Bock B Botella 1	7	10	4.23	0.76	L1	1
	3	Bock B Botella 2	7	10	4.23	0.76	L1	1
	4	Bock B Botella 2	7	10	4.23	0.76	L1	1
331	1	Bock B Botella 1	7	10	4.23	0.76	D1	1
	2	Bock B Botella 1	7	10	4.23	0.76	D1	1
	3	Bock B Botella 2	7	10	4.23	0.76	D1	1
	4	Bock B Botella 2	7	10	4.23	0.76	D1	1

*Supplementary Table S2: Data for External Model Validation and the observed and predicted probability*

N° assay	Sample	Beer Style	% ABV	IBU	pH	%YFE	Strain	G/NG results	Observed probability		Predicted probability	
1	Beer 1	Blond Ale	4.5	33	4.68	0.67	L1	1	66.66%	Easy to spoil*	90.4%	Easy to spoil
2			4.5	33	4.68	0.67	D1	1				
3			4.5	33	4.68	0.67	216	1				
4			4.5	33	4.68	0.67	B1	0				
5			4.5	33	4.68	0.67	B2	1				
6			4.5	33	4.68	0.67	B6	0				
7			4.5	33	4.68	0.67	F2	1				
8			4.5	33	4.68	0.67	F1	0				
9			4.5	33	4.68	0.67	H2	1				
10	Beer 2	Non-alcoholic	0.04	30	4.15	2.76	L1	1	100%	Easy to spoil	90.35%	Easy to spoil
11			0.04	30	4.15	2.76	D1	1				
12			0.04	30	4.15	2.76	216	1				
13			0.04	30	4.15	2.76	B1	1				
14			0.04	30	4.15	2.76	B2	1				
15			0.04	30	4.15	2.76	B6	1				
16			0.04	30	4.15	2.76	F2	1				
17			0.04	30	4.15	2.76	F1	1				
18			0.04	30	4.15	2.76	H2	1				
19	Beer 3	Brown Ale	4.7	18	4.5	0.91	L1	1	100%	Easy to spoil	90.33%	Easy to spoil
20			4.7	18	4.5	0.91	D1	1				
21			4.7	18	4.5	0.91	216	1				
22			4.7	18	4.5	0.91	B1	1				
23			4.7	18	4.5	0.91	B2	1				
24			4.7	18	4.5	0.91	B6	1				
25			4.7	18	4.5	0.91	F2	1				
26			4.7	18	4.5	0.91	F1	1				
27			4.7	18	4.5	0.91	H2	1				
28	Beer 4	Lager Helles	4.5	30	4.63	0.24	L1	1	55.55%	Easy to spoil	90.12%	Easy to spoil
29			4.5	30	4.63	0.24	D1	1				
30			4.5	30	4.63	0.24	216	1				
31			4.5	32	4.63	0.24	B1	0				
32			4.5	32	4.63	0.24	B2	0				
33			4.5	32	4.63	0.24	B6	0				
34			4.5	32	4.63	0.24	F2	1				
35			4.5	32	4.63	0.24	F1	0				
36			4.5	32	4.63	0.24	H2	1				
37	Beer 5	IPA	6	30	4.61	0.21	L1	1	55.55%	Easy to spoil	83.59%	Easy to spoil
38			6	30	4.61	0.21	D1	1				
39			6	30	4.61	0.21	216	1				
40			6	30	4.61	0.21	B1	0				
41			6	30	4.61	0.21	B2	0				
42			6	30	4.61	0.21	B6	0				
43			6	30	4.61	0.21	F2	1				
44			6	30	4.61	0.21	F1	0				
45			6	30	4.61	0.21	H2	1				
46	Beer 6	Porter	4.9	33	4.49	0.72	L1	1	88.88%	Easy to spoil	81.81%	Easy to spoil
47			4.9	33	4.49	0.72	D1	1				
48			4.9	33	4.49	0.72	216	1				
49			4.9	33	4.49	0.72	B1	0				
50			4.9	33	4.49	0.72	B2	1				
51			4.9	33	4.49	0.72	B6	1				
52			4.9	33	4.49	0.72	F2	1				
53			4.9	33	4.49	0.72	F1	1				
54			4.9	33	4.49	0.72	H2	1				

55	Beer 7	Pale Ale	5.2	30	4.32	0.88	L1	1	100%	Easy to spoil	72.88%	Easy to spoil
56			5.2	30	4.32	0.88	D1	1				
57			5.2	30	4.32	0.88	216	1				
58			5.2	30	4.32	0.88	B1	1				
59			5.2	30	4.32	0.88	B2	1				
60			5.2	30	4.32	0.88	B6	1				
61			5.2	30	4.32	0.88	F2	1				
62			5.2	30	4.32	0.88	F1	1				
63			5.2	30	4.32	0.88	H2	1				
64			Beer 8	Stout	7	26	4.46	1.65				
65	7	26			4.46	1.65	D1	1				
66	7	26			4.46	1.65	216	1				
67	7	26			4.46	1.65	B1	0				
68	7	26			4.46	1.65	B2	1				
69	7	26			4.46	1.65	B6	0				
70	7	26			4.46	1.65	F2	1				
71	7	26			4.46	1.65	F1	1				
72	7	26			4.46	1.65	H2	1				
73	Beer 9	English IPA			5.1	44	4.44	1.63	L1	1	55.55%	Easy to spoil
74			5.1	44	4.44	1.63	D1	1				
75			5.1	44	4.44	1.63	216	1				
76			5.1	44	4.44	1.63	B1	0				
77			5.1	44	4.44	1.63	B2	0				
78			5.1	44	4.44	1.63	B6	0				
79			5.1	44	4.44	1.63	F2	1				
80			5.1	44	4.44	1.63	F1	0				
81			5.1	44	4.44	1.63	H2	1				
82			Beer 10	Barley Wine	6.5	10	3.47	0.96	L1	0		
83	6.5	10			3.47	0.96	D1	0				
84	6.5	10			3.47	0.96	216	0				
85	6.5	10			3.47	0.96	B1	0				
86	6.5	10			3.47	0.96	B2	0				
87	6.5	10			3.47	0.96	B6	0				
88	6.5	10			3.47	0.96	F2	0				
89	6.5	10			3.47	0.96	F1	0				
90	6.5	10			3.47	0.96	H2	0				
*Easy to spoil: The predicted probability is > cut value; ^Not easy to spoil: The predicted probability is < cut value									% correctly predicted		100%	