

**Table S6** Prediction accuracies of the 34 *Bacillus* strains using DAG-SVM with Linear kernel models.

	am1	am2	am3	am4	am5	ce1	ce2	ce3	ce4	ce5	la1	la2	li1	li2	li3	li4	li5	me1	me2	me3	me4	me5	sp1	sp2	sp3	sp4	sp5	su1	su2	su3	su4	su5	su6	su7
m1	15.76%	11.60%	0.24%	49.11%	18.31%	0.00%	1.20%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.01%	0.44%	0.19%	0.00%	0.00%	0.00%	0.00%	0.00%	0.51%	0.22%	0.00%	0.00%	0.00%	0.00%	1.86%	0.00%	0.01%	0.00%	0.50%	0.03%
m2	16.67%	45.30%	14.40%	9.96%	11.76%	0.01%	0.16%	0.00%	0.00%	0.00%	0.00%	0.01%	0.00%	0.00%	0.00%	0.12%	0.39%	0.00%	0.00%	0.00%	0.00%	0.30%	0.00%	0.00%	0.00%	0.00%	0.00%	0.32%	0.00%	0.00%	0.00%	0.00%	0.60%	0.00%
m3	28.37%	15.31%	17.84%	12.93%	9.07%	0.03%	0.23%	0.00%	0.00%	0.39%	0.00%	0.15%	0.87%	0.00%	0.03%	0.43%	4.31%	0.00%	0.00%	0.22%	0.00%	0.00%	0.97%	0.00%	0.00%	0.00%	0.08%	3.13%	0.00%	1.34%	2.30%	0.03%	0.89%	1.10%
m4	29.09%	3.64%	1.09%	53.85%	0.00%	0.20%	0.41%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.40%	0.61%	0.00%	0.00%	0.00%	0.00%	0.00%	2.48%	0.14%	0.00%	0.05%	0.24%	0.25%	1.70%	0.00%	1.30%	2.26%	2.28%	0.00%
m5	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
e1	0.00%	0.00%	0.28%	0.00%	0.00%	54.15%	0.02%	22.30%	10.22%	1.11%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	4.05%	0.00%	0.06%	2.38%	5.29%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.06%	0.07%	0.00%	0.00%	
e2	0.32%	1.19%	4.90%	0.03%	0.11%	5.35%	71.31%	0.02%	7.31%	0.00%	0.17%	0.50%	0.00%	0.00%	0.00%	0.10%	0.06%	2.77%	1.45%	0.01%	2.38%	0.13%	0.15%	0.06%	0.25%	0.26%	0.00%	0.85%	0.09%	0.15%	0.00%	0.07%	0.00%	0.01%
e3	0.03%	0.00%	0.01%	0.00%	0.02%	28.17%	0.06%	31.37%	34.78%	0.03%	0.00%	0.08%	0.00%	0.00%	0.00%	0.03%	0.97%	0.01%	0.01%	0.85%	2.12%	0.00%	0.00%	0.00%	0.00%	0.00%	0.01%	0.00%	0.00%	0.00%	0.00%	1.17%	0.01%	0.01%
e4	0.00%	0.00%	0.00%	0.00%	0.00%	6.71%	0.25%	44.58%	42.27%	0.20%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	3.52%	0.00%	0.00%	0.02%	2.13%	0.00%	0.00%	0.33%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
e5	0.00%	0.00%	0.13%	0.07%	0.00%	5.13%	5.36%	0.33%	21.81%	54.71%	0.00%	0.00%	0.01%	0.05%	0.00%	0.07%	4.99%	0.01%	2.01%	0.04%	1.18%	0.00%	1.88%	0.03%	0.03%	0.32%	0.80%	0.00%	0.00%	0.00%	0.20%	0.56%	0.30%	0.00%
i1	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	65.43%	34.57%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
i2	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	55.06%	44.94%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
1	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	89.73%	8.81%	1.06%	0.40%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
2	0.00%	0.00%	0.01%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	19.07%	36.97%	23.56%	0.00%	12.98%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	7.41%
3	0.10%	0.00%	0.00%	0.12%	0.00%	0.03%	0.00%	0.05%	0.01%	0.00%	0.20%	0.00%	7.43%	20.19%	68.73%	2.49%	0.49%	0.00%	0.03%	0.02%	0.00%	0.00%	0.00%	0.01%	0.00%	0.08%	0.00%	0.01%	0.00%	0.00%	0.03%	0.00%	0.00%	
4	3.98%	0.06%	0.23%	6.04%	0.00%	0.00%	0.10%	0.00%	0.00%	0.48%	0.00%	0.00%	9.99%	12.25%	14.97%	25.56%	15.10%	0.00%	0.00%	0.00%	0.00%	0.00%	0.02%	0.04%	0.03%	0.00%	0.18%	1.89%	0.00%	0.04%	2.83%	6.19%	0.02%	
5	2.36%	7.35%	2.47%	4.72%	0.00%	1.33%	0.00%	1.55%	0.15%	2.56%	0.00%	0.00%	13.64%	11.31%	2.74%	22.69%	23.54%	0.00%	0.00%	0.51%	0.00%	0.00%	0.15%	0.01%	0.00%	0.00%	0.10%	2.03%	0.00%	0.00%	0.09%	0.69%	0.00%	0.00%
ie1	0.00%	0.35%	0.00%	0.00%	0.00%	0.00%	0.43%	0.43%	0.14%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	94.86%	0.00%	0.00%	0.18%	3.53%	0.00%	0.00%	0.00%	0.08%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
ie2	0.00%	0.00%	0.00%	0.00%	14.48%	4.36%	0.00%	0.14%	0.00%	0.25%	0.00%	0.00%	0.00%	0.01%	0.00%	0.01%	0.00%	0.05%	60.67%	0.78%	18.69%	0.00%	0.00%	0.00%	0.51%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.05%
ie3	0.00%	0.00%	0.00%	0.00%	0.03%	0.11%	0.00%	1.06%	0.38%	0.04%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	10.23%	0.00%	0.05%	88.10%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
ie4	0.00%	0.00%	0.00%	0.00%	0.00%	2.09%	0.22%	3.42%	3.43%	0.02%	0.00%	0.00%	0.00%	0.45%	0.00%	0.00%	0.00%	25.75%	15.43%	0.00%	49.11%	0.00%	0.00%	0.00%	0.01%	0.01%	0.01%	0.00%	0.00%	0.00%	0.01%	0.00%	0.00%	0.05%
ie5	0.03%	5.69%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.32%	0.00%	0.00%	0.00%	93.96%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
p1	0.00%	0.00%	0.00%	0.31%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	99.69%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
p2	0.63%	0.00%	0.03%	3.62%	0.00%	0.00%	0.06%	1.12%	0.63%	1.42%	0.09%	0.00%	0.00%	0.00%	0.00%	0.00%	6.50%	0.00%	0.00%	0.00%	0.00%	0.00%	1.00%	74.11%	0.00%	0.30%	9.53%	0.92%	0.05%	0.00%	0.00%	0.00%	0.00%	
p3	0.00%	0.00%	0.27%	0.00%	0.00%	0.11%	0.91%	1.62%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.33%	0.00%	0.00%	0.00%	0.04%	0.08%	0.00%	8.14%	5.73%	73.94%	0.07%	5.06%	0.08%	0.51%	1.96%	0.72%	0.00%	0.41%	0.00%
p4	0.08%	0.00%	0.00%	0.00%	0.00%	3.28%	0.13%	0.51%	0.23%	0.33%	0.13%	0.03%	0.00%	0.00%	0.11%	0.01%	0.14%	2.91%	0.02%	0.01%	0.81%	0.00%	8.34%	0.08%	1.96%	74.77%	3.92%	0.00%	0.00%	0.16%	1.93%	0.00%	0.00%	0.10%
p5	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	2.91%	0.00%	97.09%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
j1	0.04%	0.86%	0.39%	0.06%	0.00%	0.45%	0.01%	0.16%	0.00%	0.00%	0.01%	5.62%	0.00%	0.00%	0.46%	0.01%	0.00%	0.00%	0.00%	0.04%	0.00%	0.00%	0.00%	0.00%	0.09%	0.00%	0.20%	70.04%	0.54%	0.00%	0.38%	2.10%	15.97%	2.58%
j2	1.16%	0.00%	0.00%	1.81%	0.00%	0.00%	0.01%	0.00%	0.00%	0.00%	0.00%	0.00%	0.03%	0.03%	0.00%	0.14%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.50%	0.26%	0.00%	0.00%	0.00%	10.19%	34.36%	50.98%	0.00%	0.00%	0.53%	0.00%
j3	0.00%	0.00%	1.39%	0.04%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.28%	39.47%	57.22%	0.32%	0.04%	0.84%	0.37%	
j4	0.00%	0.00%	0.58%	0.78%	0.00%	0.16%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.01%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.05%	0.00%	0.00%	0.00%	0.00%	0.05%	0.37%	17.54%	0.17%	18.98%	1.20%	0.66%	59.19%	
j5	0.17%	8.85%	0.00%	0.23%	0.00%	0.12%	0.00%	0.00%	0.00%	0.27%	0.00%	0.00%	0.56%	0.00%	0.00%	0.48%	2.93%	0.00%	0.00%	0.09%	0.00%	0.00%	0.01%	0.00%	0.00%	1.56%	4.80%	7.84%	0.00%	1.17%	65.33%	5.21%	0.39%	
j6	0.78%	0.20%	0.20%	0.33%	0.03%	0.03%	0.00%	0.00%	0.00%	0.00%	0.00%	0.03%	0.00%	0.00%	0.00%	0.12%	0.28%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	12.82%	0.00%	0.11%	0.78%	2.39%	80.76%	1.15%	
j7	0.00%	0.00%	2.45%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	3.18%	0.00%	0.00%	0.00%	0.00%	0.00%	0.01%	0.00%	0.00%	0.00%	0.00%	0.01%	0.00%	0.99%	0.00%	0.26%	52.81%	0.03%	1.24%	39.04%	

The different colours represent the species level identifications.

**Table S7** Prediction accuracies of the 34 *Bacillus* strains using DAG-SVM with Jaccard kernel model.

	am1	am2	am3	am4	am5	ce1	ce2	ce3	ce4	ce5	la1	la2	li1	li2	li3	li4	li5	me1	me2	me3	me4	me5	sp1	sp2	sp3	sp4	sp5	su1	su2	su3	su4	su5	su6	su7	
m1	15.76%	11.60%	0.24%	49.11%	0.00%	0.00%	1.20%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.01%	0.44%	0.19%	0.00%	0.00%	0.00%	0.00%	0.00%	0.51%	0.22%	0.00%	0.00%	0.00%	0.00%	0.00%	1.86%	0.00%	0.01%	18.31%	0.50%	0.03%
m2	16.67%	45.30%	0.32%	9.96%	0.00%	0.01%	0.16%	0.00%	0.00%	0.00%	0.00%	8.33E-05	0.00%	0.00%	0.00%	0.12%	0.39%	0.00%	0.00%	0.00%	0.00%	0.30%	0.00%	0.00%	0.00%	0.00%	0.00%	14.40%	0.00%	0.00%	0.00%	11.76%	0.60%	0.00%	
m3	9.07%	17.84%	1.10%	12.93%	0.03%	0.03%	0.23%	0.00%	0.00%	0.39%	0.00%	0.15%	0.87%	0.00%	0.03%	0.43%	4.31%	0.00%	0.00%	0.22%	0.00%	0.00%	0.97%	0.00%	0.00%	0.00%	0.08%	3.13%	0.00%	1.34%	2.30%	28.37%	0.89%	15.31%	
m4	29.09%	3.64%	1.09%	53.85%	0.00%	0.20%	0.41%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.40%	0.61%	0.00%	0.00%	0.00%	0.00%	0.00%	2.48%	0.14%	0.00%	0.05%	0.24%	0.25%	1.70%	0.00%	1.30%	2.26%	2.28%	0.00%	
m5	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
e1	0.00%	0.00%	0.28%	0.00%	0.00%	54.15%	0.02%	22.30%	10.22%	1.11%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	4.05%	0.00%	0.06%	2.38%	5.29%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.06%	0.07%	0.00%	0.00%	
e2	0.32%	1.19%	4.90%	0.03%	0.11%	5.35%	71.31%	0.02%	7.31%	0.00%	0.17%	0.50%	0.00%	0.00%	0.00%	0.10%	0.06%	2.77%	1.45%	0.01%	2.38%	0.13%	0.15%	0.06%	0.25%	0.26%	0.00%	0.85%	0.09%	0.15%	0.00%	0.07%	0.00%	0.01%	
e3	0.03%	0.00%	0.01%	0.00%	0.02%	28.17%	0.06%	31.37%	34.78%	0.03%	0.00%	0.08%	0.00%	0.00%	0.00%	0.03%	0.97%	0.01%	0.01%	0.85%	2.12%	0.00%	0.00%	0.00%	0.24%	0.01%	0.00%	0.01%	0.00%	0.00%	0.00%	0.00%	1.17%	0.01%	0.01%
e4	0.00%	0.00%	0.00%	0.00%	0.00%	6.71%	0.25%	44.58%	42.27%	0.20%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	3.52%	0.00%	0.00%	0.02%	2.13%	0.00%	0.00%	0.33%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
e5	0.00%	0.00%	0.13%	0.07%	0.00%	0.07%	1.18%	0.33%	5.36%	54.71%	0.00%	0.00%	8.33E-05	0.05%	0.00%	5.13%	4.99%	0.01%	2.01%	0.04%	21.81%	0.00%	1.88%	0.03%	0.03%	0.32%	0.80%	0.00%	0.00%	0.00%	0.20%	0.56%	0.30%	0.00%	
i1	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	65.43%	34.57%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
i2	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	55.06%	44.94%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
1	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	89.73%	8.81%	1.06%	0.40%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
2	0.00%	0.00%	0.01%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	19.07%	36.97%	23.56%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	12.98%	0.00%	0.00%	7.41%
3	0.10%	0.00%	0.00%	0.12%	0.00%	0.03%	0.00%	0.05%	8.33E-05	0.00%	0.20%	0.00%	7.43%	20.19%	68.73%	2.49%	0.49%	0.00%	0.03%	0.02%	0.00%	0.00%	0.00%	8.33E-05	0.00%	0.08%	0.00%	0.00%	8.33E-05	0.00%	0.00%	0.03%	0.00%	0.00%	
4	3.98%	0.06%	0.23%	6.04%	0.00%	0.00%	0.10%	0.00%	0.00%	0.48%	0.00%	0.00%	6.19%	0.03%	14.97%	25.56%	15.10%	0.00%	0.00%	0.00%	0.00%	0.00%	0.02%	0.04%	12.25%	0.00%	0.00%	0.18%	1.89%	0.00%	0.04%	2.83%	9.99%	0.02%	
5	2.36%	11.31%	2.47%	4.72%	0.00%	1.33%	0.00%	1.55%	13.64%	2.56%	0.00%	0.00%	0.15%	0.00%	2.74%	23.54%	0.69%	0.00%	0.00%	0.51%	0.00%	0.00%	0.15%	0.01%	0.00%	0.00%	0.10%	2.03%	0.00%	0.00%	0.09%	22.69%	7.35%	0.00%	
1e1	0.00%	0.35%	0.00%	0.00%	0.00%	0.00%	0.43%	0.43%	0.14%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	94.86%	0.00%	0.18%	0.00%	3.53%	0.00%	0.00%	0.08%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
1e2	0.00%	0.00%	0.00%	0.00%	14.48%	4.36%	0.00%	0.14%	0.00%	0.25%	0.00%	0.00%	0.00%	0.01%	0.00%	8.33E-05	0.00%	0.05%	60.67%	0.78%	18.69%	0.00%	0.00%	0.00%	0.51%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.05%
1e3	0.00%	0.00%	0.00%	0.00%	0.03%	0.11%	0.00%	1.06%	0.38%	0.04%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	10.23%	0.00%	0.05%	88.10%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
1e4	0.00%	0.00%	0.00%	0.00%	0.00%	2.09%	0.22%	3.42%	3.43%	25.75%	0.00%	0.00%	0.00%	0.45%	0.00%	0.00%	0.00%	0.02%	15.43%	0.00%	49.11%	0.00%	0.00%	0.00%	6.25E-05	0.01%	8.33E-05	0.00%	0.00%	0.00%	0.01%	0.00%	0.00%	0.05%	
1e5	0.03%	5.69%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.32%	0.00%	0.00%	0.00%	93.96%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
p1	0.00%	0.00%	0.00%	0.31%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	99.69%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
p2	0.63%	0.00%	0.03%	3.62%	0.00%	0.00%	0.06%	1.12%	0.63%	1.42%	0.09%	0.00%	0.00%	0.00%	0.00%	0.00%	6.50%	0.00%	0.00%	0.00%	0.00%	0.00%	1.00%	74.11%	0.00%	0.30%	9.53%	0.92%	0.05%	0.00%	0.00%	0.00%	0.00%		
p3	0.00%	0.00%	0.27%	0.00%	0.00%	0.11%	0.91%	1.62%	0.00%	0.00%	0.00%	0.00%	0.00%	8.14%	0.00%	0.33%	0.00%	0.00%	5.73%	0.04%	0.08%	0.00%	0.00%	0.00%	73.94%	0.07%	0.00%	0.08%	0.51%	1.96%	0.72%	0.00%	0.41%	5.06%	
p4	0.08%	0.00%	0.00%	3.92%	0.00%	3.28%	0.13%	0.51%	0.23%	0.33%	0.13%	0.03%	0.00%	8.34%	0.11%	0.01%	0.14%	2.91%	0.02%	0.01%	0.81%	0.00%	0.00%	0.08%	1.96%	74.77%	0.00%	0.00%	0.00%	0.16%	1.93%	0.00%	0.00%	0.10%	
p5	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	2.91%	0.00%	0.00%	97.09%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%		
j1	0.04%	0.86%	0.39%	0.06%	0.00%	0.45%	6.25E-05	0.16%	0.00%	0.00%	0.00%	8.33E-05	5.62%	0.00%	0.00%	0.46%	0.01%	0.00%	0.00%	0.04%	0.00%	0.00%	0.00%	0.00%	0.09%	0.00%	0.20%	70.04%	0.54%	0.00%	0.38%	2.10%	15.97%	2.58%	
j2	1.16%	0.00%	0.00%	1.81%	0.00%	0.00%	8.33E-05	0.00%	0.00%	0.00%	0.00%	0.00%	0.03%	0.03%	0.00%	0.14%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.50%	0.26%	0.00%	0.00%	0.00%	10.19%	34.36%	50.98%	0.00%	0.00%	0.53%	0.00%	
j3	0.00%	0.00%	1.39%	0.04%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.03%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.28%	39.47%	57.22%	0.32%	0.04%	0.84%	0.37%	
j4	0.00%	0.00%	0.58%	0.78%	0.00%	0.16%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	17.54%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.05%	0.00%	0.00%	0.00%	0.00%	0.05%	0.24%	0.37%	0.01%	0.17%	18.98%	1.20%	0.66%	59.19%	
j5	0.17%	8.85%	7.84%	0.23%	0.00%	0.12%	0.00%	0.00%	0.00%	0.27%	0.00%	0.00%	0.56%	0.00%	0.00%	0.48%	2.93%	0.00%	0.00%	0.09%	0.00%	0.00%	8.33E-05	0.00%	0.00%	0.00%	1.56%	4.80%	0.00%	0.00%	1.17%	65.33%	5.21%	0.39%	
j6	0.78%	0.20%	0.20%	0.33%	0.03%	0.03%	0.00%	0.00%	0.00%	0.00%	0.00%	0.03%	0.00%	0.00%	0.00%	0.12%	0.28%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	12.82%	0.00%	0.11%	0.78%	2.39%	80.76%	1.15%	
j7	0.00%	0.00%	2.45%	0.00%	0.00%	0.00%	0.00%																												