

true/predict	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
1	18772 (79.86)	1317 (5.60)	1145 (4.87)	456 (1.94)	281 (1.20)	122 (0.52)	350 (1.49)	107 (0.46)	82 (0.35)	110 (0.47)	120 (0.51)	141 (0.60)	135 (0.57)	43 (0.18)	14 (0.06)	31 (0.13)	9 (0.04)	34 (0.14)	43 (0.18)	25 (0.11)
2	1527 (6.23)	20378 (83.13)	633 (2.58)	417 (1.70)	223 (0.91)	114 (0.47)	358 (1.46)	133 (0.54)	55 (0.22)	103 (0.42)	33 (0.13)	68 (0.28)	165 (0.67)	42 (0.17)	24 (0.10)	24 (0.10)	10 (0.04)	48 (0.20)	48 (0.20)	11 (0.04)
3	2133 (10.96)	952 (4.89)	12602 (64.73)	881 (4.52)	798 (4.10)	161 (0.83)	279 (1.43)	232 (1.19)	301 (1.55)	140 (0.72)	67 (0.34)	214 (1.10)	150 (0.77)	57 (0.29)	39 (0.20)	39 (0.20)	27 (0.14)	23 (0.12)	102 (0.52)	20 (0.10)
4	610 (6.75)	378 (4.18)	808 (8.94)	6340 (70.18)	239 (2.65)	39 (0.43)	114 (1.26)	69 (0.76)	77 (0.85)	49 (0.54)	8 (0.09)	57 (0.63)	113 (1.25)	6 (0.07)	4 (0.04)	8 (0.09)	18 (0.20)	8 (0.09)	19 (0.21)	4 (0.04)
5	437 (7.29)	281 (4.69)	848 (14.15)	298 (4.97)	3551 (59.24)	35 (0.58)	85 (1.42)	77 (1.28)	101 (1.69)	35 (0.58)	14 (0.23)	48 (0.80)	69 (1.15)	15 (0.25)	7 (0.12)	10 (0.17)	10 (0.17)	4 (0.07)	14 (0.23)	13 (0.22)
6	290 (1.90)	159 (1.04)	358 (2.34)	51 (0.33)	46 (0.30)	14128 (92.45)	14 (0.09)	17 (0.11)	4 (0.03)	109 (0.71)	4 (0.03)	14 (0.09)	38 (0.25)	1 (0.01)	2 (0.01)	0 (0.00)	0 (0.00)	11 (0.07)	6 (0.04)	4 (0.03)
7	573 (8.26)	626 (9.02)	342 (4.93)	120 (1.73)	106 (1.53)	11 (0.16)	4813 (69.35)	20 (0.29)	21 (0.30)	25 (0.36)	11 (0.16)	142 (2.05)	15 (0.22)	6 (0.09)	8 (0.12)	58 (0.84)	3 (0.04)	0 (0.00)	4 (0.06)	8 (0.12)
8	247 (8.57)	204 (7.08)	428 (14.85)	214 (7.42)	142 (4.93)	17 (0.59)	27 (0.94)	1346 (46.69)	53 (1.84)	18 (0.62)	14 (0.49)	21 (0.73)	58 (2.01)	21 (0.73)	5 (0.17)	7 (0.24)	4 (0.14)	5 (0.17)	8 (0.28)	7 (0.24)
9	127 (3.98)	74 (2.32)	382 (11.97)	216 (6.77)	152 (4.76)	5 (0.16)	8 (0.25)	43 (1.35)	2059 (64.51)	12 (0.38)	3 (0.09)	4 (0.13)	20 (0.63)	3 (0.09)	1 (0.03)	2 (0.06)	4 (0.13)	1 (0.03)	34 (1.07)	2 (0.06)
10	139 (3.64)	112 (2.93)	107 (2.80)	62 (1.62)	32 (0.84)	55 (1.44)	23 (0.60)	12 (0.31)	3 (0.08)	3142 (82.32)	1 (0.03)	12 (0.31)	33 (0.86)	2 (0.05)	8 (0.21)	0 (0.00)	0 (0.00)	29 (0.76)	0 (0.00)	1 (0.03)
11	473 (8.36)	117 (2.07)	288 (5.09)	29 (0.51)	25 (0.44)	1 (0.02)	68 (1.20)	17 (0.30)	1 (0.02)	17 (0.30)	4539 (80.27)	8 (0.14)	5 (0.09)	4 (0.07)	5 (0.09)	5 (0.09)	1 (0.02)	14 (0.25)	3 (0.05)	0 (0.00)
12	288 (8.94)	207 (6.43)	395 (12.27)	104 (3.23)	118 (3.66)	23 (0.71)	365 (11.34)	27 (0.84)	6 (0.19)	13 (0.40)	3 (0.09)	1590 (49.38)	24 (0.75)	2 (0.06)	2 (0.06)	4 (0.12)	3 (0.09)	5 (0.16)	4 (0.12)	24 (0.75)
13	178 (7.13)	241 (9.66)	127 (5.09)	79 (3.17)	45 (1.80)	41 (1.64)	11 (0.44)	42 (1.68)	12 (0.48)	46 (1.84)	4 (0.16)	6 (0.24)	1563 (62.65)	7 (0.28)	3 (0.12)	3 (0.12)	1 (0.04)	59 (2.36)	3 (0.12)	3 (0.12)
14	288 (16.08)	136 (7.59)	151 (8.43)	25 (1.40)	34 (1.90)	9 (0.50)	7 (0.39)	28 (1.56)	5 (0.28)	13 (0.73)	6 (0.34)	6 (0.34)	8 (0.45)	1055 (58.91)	0 (0.00)	2 (0.11)	1 (0.06)	3 (0.17)	4 (0.22)	0 (0.00)
15	121 (8.04)	471 (31.30)	143 (9.50)	44 (2.92)	47 (3.12)	7 (0.47)	25 (1.66)	19 (1.26)	5 (0.33)	15 (1.00)	7 (0.47)	16 (1.06)	6 (0.40)	4 (0.27)	546 (36.28)	2 (0.13)	2 (0.13)	1 (0.07)	4 (0.27)	1 (0.07)
16	57 (2.61)	140 (6.42)	60 (2.75)	20 (0.92)	18 (0.82)	7 (0.32)	197 (9.03)	6 (0.27)	2 (0.09)	12 (0.55)	0 (0.00)	6 (0.27)	6 (0.27)	2 (0.09)	4 (0.18)	1620 (74.24)	0 (0.00)	0 (0.00)	2 (0.09)	1 (0.05)
17	82 (8.52)	68 (7.06)	285 (29.60)	199 (20.66)	109 (11.32)	6 (0.62)	8 (0.83)	32 (3.32)	14 (1.45)	8 (0.83)	2 (0.21)	13 (1.35)	5 (0.52)	5 (0.52)	4 (0.42)	0 (0.00)	99 (10.28)	1 (0.10)	4 (0.42)	2 (0.21)
18	58 (9.02)	61 (9.49)	42 (6.53)	22 (3.42)	6 (0.93)	7 (1.09)	5 (0.78)	1 (0.16)	3 (0.47)	40 (6.22)	9 (1.40)	2 (0.31)	50 (7.78)	1 (0.16)	1 (0.16)	0 (0.00)	1 (0.16)	319 (49.61)	0 (0.00)	0 (0.00)
19	52 (3.24)	43 (2.68)	83 (5.18)	22 (1.37)	12 (0.75)	2 (0.12)	2 (0.12)	5 (0.31)	36 (2.25)	0 (0.00)	0 (0.00)	1 (0.06)	9 (0.56)	3 (0.19)	1 (0.06)	0 (0.00)	0 (0.00)	0 (0.00)	1326 (82.72)	1 (0.06)
20	36 (9.47)	19 (5.00)	74 (19.47)	11 (2.89)	28 (7.37)	5 (1.32)	12 (3.16)	16 (4.21)	0 (0.00)	2 (0.53)	0 (0.00)	23 (6.05)	7 (1.84)	1 (0.26)	0 (0.00)	0 (0.00)	1 (0.26)	0 (0.00)	1 (0.26)	143 (37.63)