true/predict	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
1	19054 (79.46)	1301 (5.43)	1076 (4.49)	513 (2.14)	323 (1.35)	133 (0.55)	390 (1.63)	116 (0.48)	82 (0.34)	117 (0.49)	123 (0.51)	178 (0.74)	131 (0.55)	46 (0.19)	18 (0.08)	34 (0.14)	11 (0.05)	38 (0.16)	45 (0.19)	26 (0.11)
2	1344 (5.43)	20673 (83.47)	590 (2.38)	445 (1.80)	242 (0.98)	134 (0.54)	367 (1.48)	156 (0.63)	60 (0.24)	112 (0.45)	38 (0.15)	75 (0.30)	173 (0.70)	54 (0.22)	28 (0.11)	25 (0.10)	15 (0.06)	56 (0.23)	48 (0.19)	13 (0.05)
3	1594 (8.11)	916 (4.66)	12918 (65.76)	927 (4.72)	910 (4.63)	176 (0.90)	316 (1.61)	270 (1.37)	331 (1.69)	163 (0.83)	65 (0.33)	264 (1.34)	158 (0.80)	63 (0.32)	37 (0.19)	46 (0.23)	33 (0.17)	26 (0.13)	98 (0.50)	23 (0.12)
4	445 (4.70)	387 (4.08)	853 (9.00)	6779 (71.55)	260 (2.74)	45 (0.47)	131 (1.38)	73 (0.77)	78 (0.82)	53 (0.56)	10 (0.11)	64 (0.68)	111 (1.17)	4 (0.04)	8 (0.08)	8 (0.08)	24 (0.25)	13 (0.14)	23 (0.24)	4 (0.04)
5	346 (5.41)	291 (4.55)	864 (13.52)	315 (4.93)	3941 (61.66)	35 (0.55)	97 (1.52)	82 (1.28)	100 (1.56)	44 (0.69)	18 (0.28)	47 (0.74)	71 (1.11)	17 (0.27)	9 (0.14)	10 (0.16)	8 (0.13)	5 (0.08)	15 (0.23)	14 (0.22)
6	164 (1.07)	159 (1.04)	299 (1.95)	59 (0.38)	57 (0.37)	14341 (93.51)	11 (0.07)	17 (0.11)	6 (0.04)	108 (0.70)	3 (0.02)	18 (0.12)	42 (0.27)	2 (0.01)	2 (0.01)	0 (0.00)	0 (0.00)	7 (0.05)	8 (0.05)	3 (0.02)
7	459 (6.30)	436 (5.98)	358 (4.91)	159 (2.18)	132 (1.81)	16 (0.22)	5312 (72.87)	31 (0.43)	22 (0.30)	30 (0.41)	18 (0.25)	151 (2.07)	20 (0.27)	6 (0.08)	12 (0.16)	74 (1.02)	3 (0.04)	0 (0.00)	4 (0.05)	14 (0.19)
8	218 (7.32)	223 (7.48)	429 (14.40)	202 (6.78)	147 (4.93)	19 (0.64)	29 (0.97)	1419 (47.62)	54 (1.81)	19 (0.64)	20 (0.67)	20 (0.67)	67 (2.25)	22 (0.74)	5 (0.17)	8 (0.27)	6 (0.20)	5 (0.17)	9 (0.30)	9 (0.30)
9	98 (3.00)	74 (2.26)	413 (12.63)	167 (5.11)	146 (4.46)	8 (0.24)	8 (0.24)	54 (1.65)	2169 (66.33)	12 (0.37)	3 (0.09)	4 (0.12)	20 (0.61)	4 (0.12)	0 (0.00)	2 (0.06)	2 (0.06)	1 (0.03)	37 (1.13)	2 (0.06)
10	114 (2.92)	122 (3.13)	102 (2.61)	68 (1.74)	41 (1.05)	62 (1.59)	26 (0.67)	12 (0.31)	2 (0.05)	3212 (82.34)	2 (0.05)	16 (0.41)	30 (0.77)	4 (0.10)	10 (0.26)	0 (0.00)	2 (0.05)	20 (0.51)	1 (0.03)	1 (0.03)
11	422 (7.36)	111 (1.94)	280 (4.88)	27 (0.47)	27 (0.47)	3 (0.05)	79 (1.38)	20 (0.35)	1 (0.02)	12 (0.21)	4647 (81.03)	14 (0.24)	9 (0.16)	4 (0.07)	6 (0.10)	8 (0.14)	2 (0.03)	18 (0.31)	4 (0.07)	0 (0.00)
12	212 (6.52)	141 (4.34)	414 (12.73)	120 (3.69)	100 (3.08)	29 (0.89)	240 (7.38)	39 (1.20)	2 (0.06)	18 (0.55)	5 (0.15)	1850 (56.89)	22 (0.68)	2 (0.06)	4 (0.12)	2 (0.06)	3 (0.09)	5 (0.15)	3 (0.09)	26 (0.80)
13	159 (6.30)	231 (9.16)	118 (4.68)	82 (3.25)	54 (2.14)	44 (1.74)	15 (0.59)	49 (1.94)	14 (0.56)	37 (1.47)	5 (0.20)	9 (0.36)	1621 (64.27)	8 (0.32)	4 (0.16)	5 (0.20)	0 (0.00)	33 (1.31)	4 (0.16)	3 (0.12)
14	202 (11.12)	140 (7.71)	160 (8.81)	31 (1.71)	48 (2.64)	10 (0.55)	7 (0.39)	25 (1.38)	7 (0.39)	14 (0.77)	4 (0.22)	6 (0.33)	10 (0.55)	1127 (62.03)	1 (0.06)	2 (0.11)	2 (0.11)	2 (0.11)	5 (0.28)	0 (0.00)
15	108 (6.84)	466 (29.51)	166 (10.51)	42 (2.66)	56 (3.55)	7 (0.44)	22 (1.39)	27 (1.71)	8 (0.51)	15 (0.95)	5 (0.32)	8 (0.51)	6 (0.38)	3 (0.19)	603 (38.19)	3 (0.19)	1 (0.06)	1 (0.06)	4 (0.25)	2 (0.13)
16	43 (1.94)	96 (4.34)	62 (2.80)	28 (1.27)	19 (0.86)	7 (0.32)	197 (8.91)	9 (0.41)	3 (0.14)	11 (0.50)	0 (0.00)	11 (0.50)	6 (0.27)	2 (0.09)	4 (0.18)	1683 (76.12)	0 (0.00)	0 (0.00)	4 (0.18)	2 (0.09)
17	60 (6.01)	68 (6.81)	315 (31.53)	200 (20.02)	122 (12.21)	6 (0.60)	12 (1.20)	29 (2.90)	14 (1.40)	7 (0.70)	2 (0.20)	16 (1.60)	6 (0.60)	5 (0.50)	4 (0.40)	2 (0.20)	100 (10.01)	0 (0.00)	4 (0.40)	3 (0.30)
18	51 (7.87)	59 (9.10)	28 (4.32)	22 (3.40)	9 (1.39)	8 (1.23)	4 (0.62)	2 (0.31)	3 (0.46)	33 (5.09)	10 (1.54)	3 (0.46)	39 (6.02)	1 (0.15)	1 (0.15)	0 (0.00)	1 (0.15)	359 (55.40)	0 (0.00)	0 (0.00)
19	44 (2.71)	45 (2.77)	73 (4.49)	23 (1.41)	16 (0.98)	4 (0.25)	1 (0.06)	5 (0.31)	43 (2.64)	0 (0.00)	1 (0.06)	2 (0.12)	4 (0.25)	2 (0.12)	1 (0.06)	1 (0.06)	0 (0.00)	0 (0.00)	1355 (83.33)	1 (0.06)
20	26 (6.50)	23 (5.75)	83 (20.75)	17 (4.25)	33 (8.25)	4 (1.00)	9 (2.25)	10 (2.50)	0 (0.00)	3 (0.75)	0 (0.00)	24 (6.00)	7 (1.75)	2 (0.50)	0 (0.00)	0 (0.00)	2 (0.50)	0 (0.00)	1 (0.25)	154 (38.50)