true/predict	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
1	19309 (80.52)	1290 (5.38)	919 (3.83)	466 (1.94)	308 (1.28)	139 (0.58)	386 (1.61)	101 (0.42)	86 (0.36)	93 (0.39)	131 (0.55)	182 (0.76)	119 (0.50)	45 (0.19)	42 (0.18)	40 (0.17)	11 (0.05)	37 (0.15)	39 (0.16)	14 (0.06)
2	1244 (5.02)	20896 (84.37)	598 (2.41)	411 (1.66)	230 (0.93)	129 (0.52)	302 (1.22)	144 (0.58)	58 (0.23)	109 (0.44)	66 (0.27)	93 (0.38)	148 (0.60)	43 (0.17)	34 (0.14)	17 (0.07)	20 (0.08)	52 (0.21)	41 (0.17)	12 (0.05)
3	1339 (6.82)	818 (4.16)	13558 (69.02)	773 (3.94)	845 (4.30)	149 (0.76)	334 (1.70)	213 (1.08)	346 (1.76)	125 (0.64)	89 (0.45)	235 (1.20)	146 (0.74)	70 (0.36)	75 (0.38)	62 (0.32)	36 (0.18)	24 (0.12)	87 (0.44)	31 (0.16)
4	414 (4.37)	368 (3.88)	873 (9.21)	6928 (73.13)	232 (2.45)	45 (0.47)	119 (1.26)	55 (0.58)	39 (0.41)	46 (0.49)	5 (0.05)	72 (0.76)	86 (0.91)	8 (0.08)	12 (0.13)	19 (0.20)	10 (0.11)	9 (0.09)	14 (0.15)	4 (0.04)
5	300 (4.69)	275 (4.30)	954 (14.93)	228 (3.57)	4062 (63.56)	37 (0.58)	97 (1.52)	66 (1.03)	60 (0.94)	39 (0.61)	19 (0.30)	26 (0.41)	62 (0.97)	20 (0.31)	18 (0.28)	18 (0.28)	14 (0.22)	5 (0.08)	10 (0.16)	4 (0.06)
6	125 (0.82)	161 (1.05)	95 (0.62)	42 (0.27)	44 (0.29)	14636 (95.44)	13 (0.08)	13 (0.08)	5 (0.03)	107 (0.70)	0 (0.00)	15 (0.10)	38 (0.25)	2 (0.01)	4 (0.03)	1 (0.01)	0 (0.00)	9 (0.06)	5 (0.03)	0 (0.00)
7	398 (5.46)	292 (4.01)	345 (4.73)	140 (1.92)	128 (1.76)	16 (0.22)	5715 (78.40)	30 (0.41)	22 (0.30)	25 (0.34)	35 (0.48)	34 (0.47)	20 (0.27)	5 (0.07)	19 (0.26)	27 (0.37)	5 (0.07)	0 (0.00)	2 (0.03)	0 (0.00)
8	159 (5.34)	190 (6.38)	532 (17.85)	133 (4.46)	165 (5.54)	17 (0.57)	33 (1.11)	1457 (48.89)	65 (2.18)	14 (0.47)	23 (0.77)	23 (0.77)	60 (2.01)	11 (0.37)	23 (0.77)	11 (0.37)	5 (0.17)	5 (0.17)	5 (0.17)	6 (0.20)
9	77 (2.35)	85 (2.60)	488 (14.92)	47 (1.44)	103 (3.15)	5 (0.15)	15 (0.46)	48 (1.47)	2289 (70.00)	4 (0.12)	1 (0.03)	4 (0.12)	20 (0.61)	1 (0.03)	2 (0.06)	1 (0.03)	3 (0.09)	1 (0.03)	30 (0.92)	0 (0.00)
10	103 (2.64)	107 (2.74)	114 (2.92)	59 (1.51)	46 (1.18)	67 (1.72)	25 (0.64)	11 (0.28)	2 (0.05)	3253 (83.39)	4 (0.10)	17 (0.44)	26 (0.67)	6 (0.15)	22 (0.56)	4 (0.10)	3 (0.08)	6 (0.15)	1 (0.03)	3 (0.08)
11	201 (3.50)	112 (1.95)	163 (2.84)	29 (0.51)	23 (0.40)	2 (0.03)	88 (1.53)	20 (0.35)	1 (0.02)	9 (0.16)	4999 (87.17)	9 (0.16)	7 (0.12)	4 (0.07)	6 (0.10)	8 (0.14)	1 (0.02)	17 (0.30)	4 (0.07)	0 (0.00)
12	204 (6.27)	104 (3.20)	464 (14.27)	120 (3.69)	76 (2.34)	30 (0.92)	37 (1.14)	27 (0.83)	1 (0.03)	12 (0.37)	5 (0.15)	2115 (65.04)	19 (0.58)	3 (0.09)	4 (0.12)	0 (0.00)	7 (0.22)	3 (0.09)	2 (0.06)	1 (0.03)
13	142 (5.63)	225 (8.92)	142 (5.63)	80 (3.17)	52 (2.06)	43 (1.70)	14 (0.56)	40 (1.59)	13 (0.52)	32 (1.27)	5 (0.20)	10 (0.40)	1665 (66.02)	9 (0.36)	4 (0.16)	5 (0.20)	0 (0.00)	15 (0.59)	4 (0.16)	3 (0.12)
14	87 (4.79)	163 (8.97)	210 (11.56)	34 (1.87)	49 (2.70)	7 (0.39)	6 (0.33)	17 (0.94)	2 (0.11)	5 (0.28)	1 (0.06)	9 (0.50)	9 (0.50)	1194 (65.71)	2 (0.11)	2 (0.11)	3 (0.17)	2 (0.11)	2 (0.11)	0 (0.00)
15	88 (5.57)	115 (7.28)	226 (14.31)	45 (2.85)	73 (4.62)	6 (0.38)	32 (2.03)	22 (1.39)	6 (0.38)	12 (0.76)	8 (0.51)	11 (0.70)	5 (0.32)	3 (0.19)	885 (56.05)	5 (0.32)	1 (0.06)	2 (0.13)	4 (0.25)	0 (0.00)
16	45 (2.04)	23 (1.04)	61 (2.76)	29 (1.31)	28 (1.27)	8 (0.36)	53 (2.40)	4 (0.18)	1 (0.05)	6 (0.27)	4 (0.18)	3 (0.14)	6 (0.27)	2 (0.09)	7 (0.32)	1895 (85.71)	1 (0.05)	0 (0.00)	2 (0.09)	0 (0.00)
17	55 (5.51)	61 (6.11)	379 (37.94)	82 (8.21)	134 (13.41)	6 (0.60)	15 (1.50)	29 (2.90)	18 (1.80)	5 (0.50)	7 (0.70)	14 (1.40)	4 (0.40)	4 (0.40)	3 (0.30)	0 (0.00)	160 (16.02)	0 (0.00)	4 (0.40)	5 (0.50)
18	46 (7.10)	64 (9.88)	27 (4.17)	23 (3.55)	8 (1.23)	14 (2.16)	5 (0.77)	3 (0.46)	4 (0.62)	18 (2.78)	13 (2.01)	4 (0.62)	17 (2.62)	1 (0.15)	1 (0.15)	0 (0.00)	2 (0.31)	386 (59.57)	0 (0.00)	0 (0.00)
19	50 (3.08)	50 (3.08)	103 (6.33)	16 (0.98)	8 (0.49)	3 (0.18)	1 (0.06)	7 (0.43)	41 (2.52)	0 (0.00)	1 (0.06)	0 (0.00)	30 (1.85)	2 (0.12)	1 (0.06)	1 (0.06)	0 (0.00)	1 (0.06)	1306 (80.32)	1 (0.06)
20	24 (6.00)	20 (5.00)	102 (25.50)	11 (2.75)	19 (4.75)	4 (1.00)	3 (0.75)	9 (2.25)	0 (0.00)	4 (1.00)	1 (0.25)	8 (2.00)	7 (1.75)	3 (0.75)	2 (0.50)	1 (0.25)	0 (0.00)	0 (0.00)	1 (0.25)	178 (44.50)