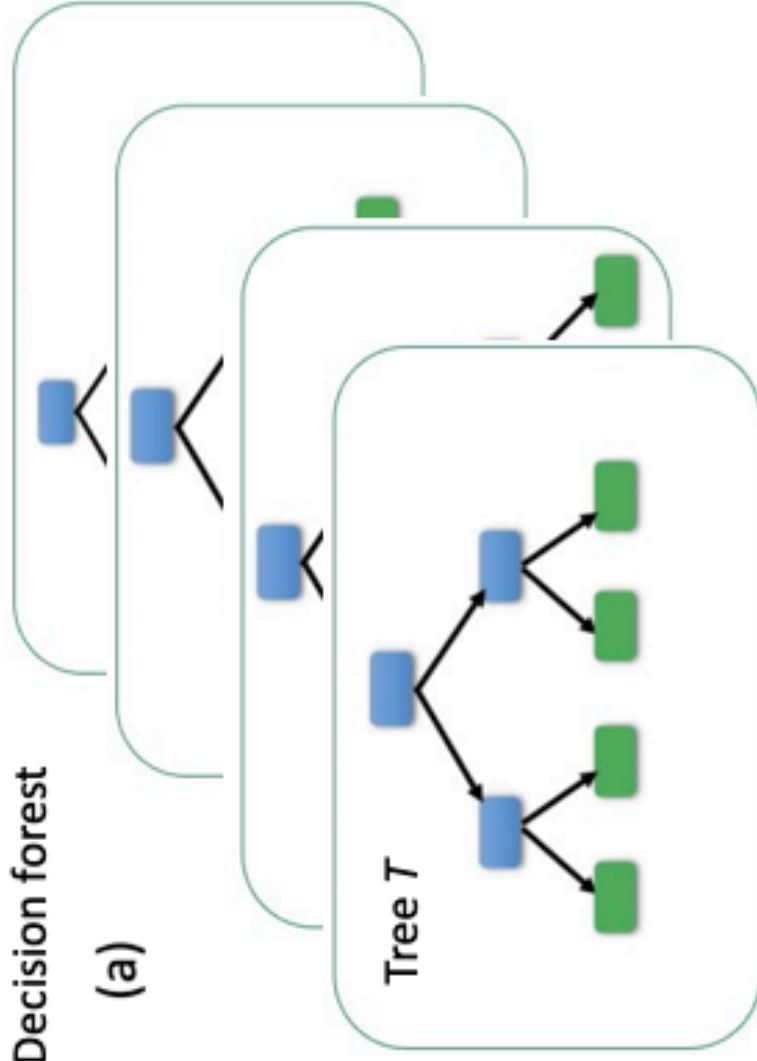


Decision forest

(a)



(b)

0	12	45	1	11	8	30	21	0	7
12	0	2	3	7	15	0	9	1	14
45	2	0	35	1	8	4	6	7	0
1	3	35	0	8	7	23	0	8	0
11	7	1	8	0	4	9	1	0	1
8	15	8	7	4	0	21	0	11	15
30	0	4	23	9	21	0	12	6	0
21	9	6	0	1	0	12	0	8	26
0	1	7	8	0	11	6	8	0	4
7	14	0	0	1	15	0	26	4	0

(c)

SNP 1,3	SNP 3,4	SNP 1,7	SNP 8,10	SNP 4,8	SNP 2,9	SNP 2,9	SNP 1,9
45	35	30	26	23	...	2	0
					...	1	

(d)

$$Y = \beta_0 + \beta_1 X_1 + \beta_2 X_2 + \beta_3 X_1 X_2 + \varepsilon$$

Interaction term