

$$A.) w_{ij} = \sum_{k=1}^D (\text{bool})(d_{ki} \text{ and } d_{kj})$$

	bank	fast	flow	mud	river	shore	tree	water
bank	0	0	1	0	2	2	0	3
fast	0	0	1	0	1	0	1	1
flow	1	1	0	0	1	0	1	2
mud	0	0	0	0	1	0	1	1
river	2	1	1	1	0	2	2	4
shore	2	0	0	0	2	0	0	2
tree	0	1	1	1	2	0	0	2
water	3	1	2	1	4	2	2	0

B.)

Bank = [0, 0, 1, 0, 2, 2, 0, 3]

River = [2, 1, 1, 1, 0, 2, 2, 4]

Shore = [2, 0, 0, 0, 2, 0, 0, 2]

Dice Coefficient

	bank	river	shore
bank	-	3/8	2/8
river	-	-	2/8
shore	-	-	-

Cosine

	bank	river	shore
bank	-	0.7197	0.6804
river	-	-	0.6222
shore	-	-	-