



(c)

edge	len	subst_s	subst_n
1	1.11	0.53	0.90
2	0.73	0.47	0.72
3	1.17	0.59	0.91
4	0.62	0.41	0.66
5	...	...	...
6	...	...	...

(d)

pair	fg	$w_c N$	$w_c$
(1,2)	1	0.37	18
(1,3)	1	0.0	0
(1,4)	0	0.0	0
(1,5)	0	0.15	8
...	.	...	...
(3,5)	0	0.22	0
(3,6)	1	0.11	0
(3,7)	0	0.55	10
...	.	...	...