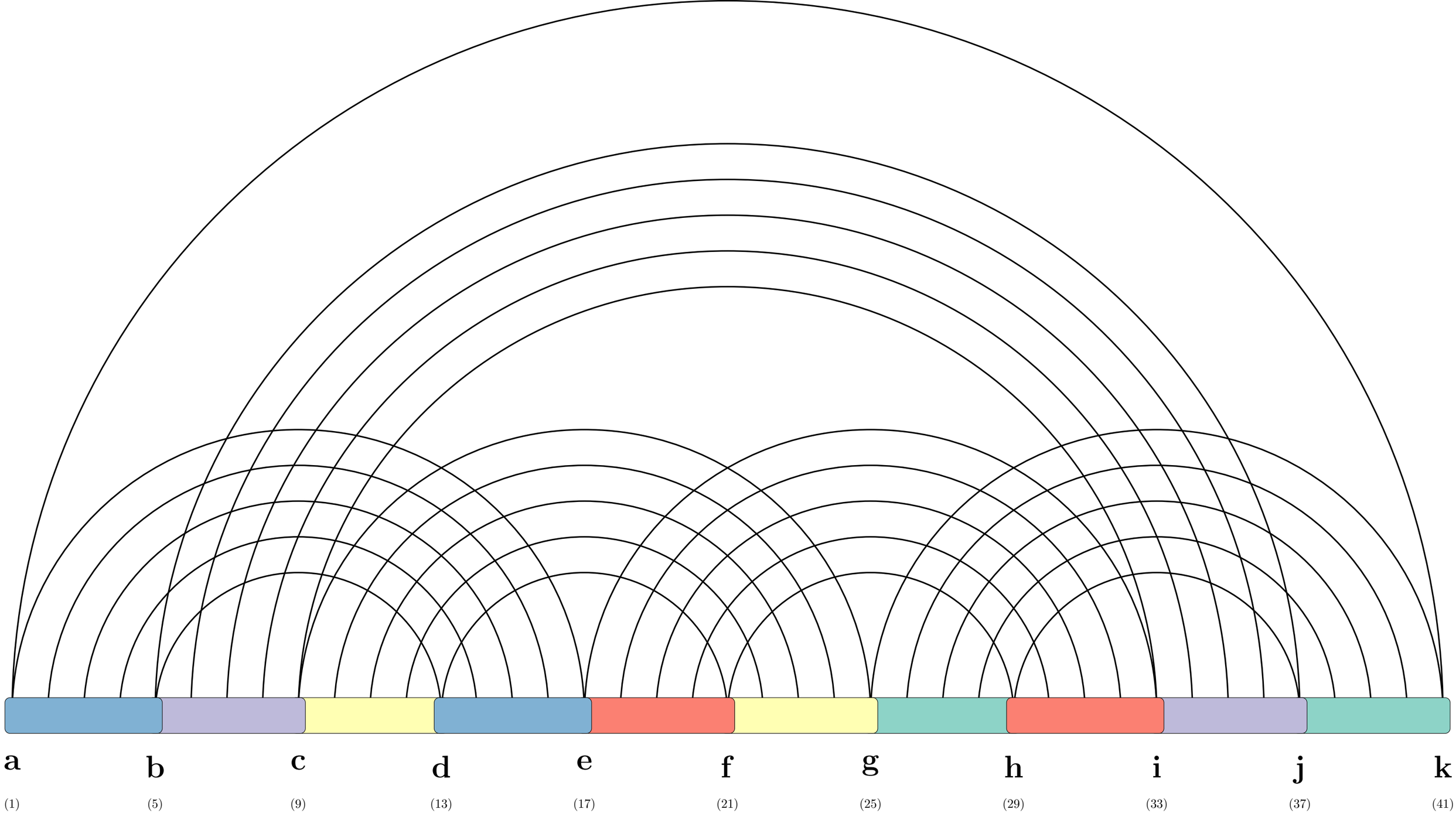
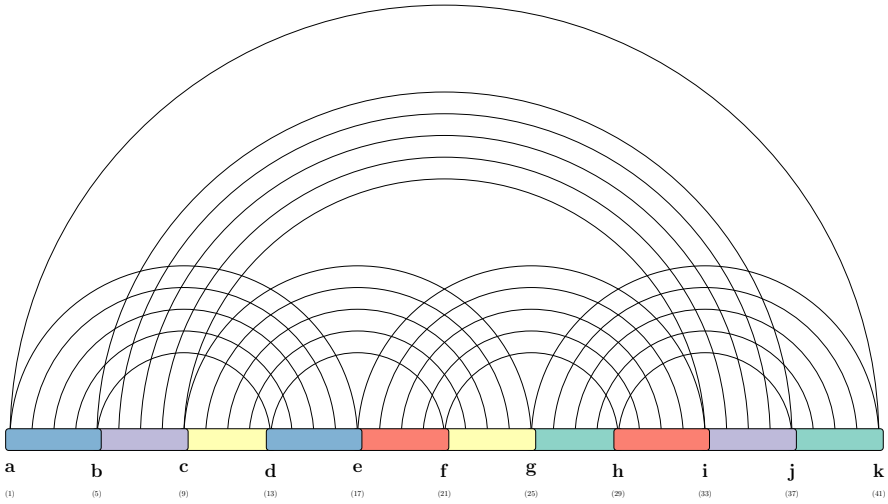

a
b
c
d
e
f
g
h
i
j
k
(1)
(5)
(9)
(13)
(17)
(21)
(25)
(29)
(33)
(37)
(41)

fatgraph name: C5



first and last anchors, already given: a, k

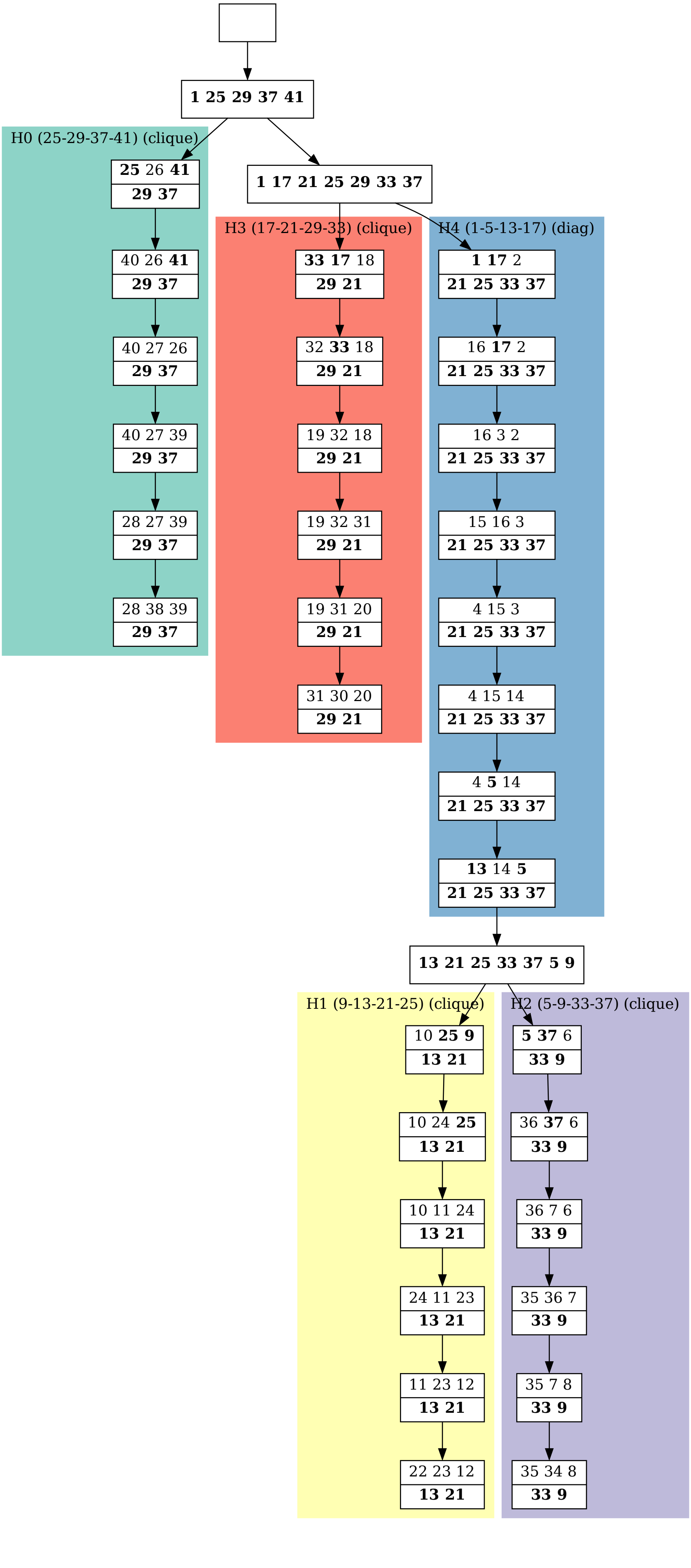
$$A = \min_{g,h,j} \Big(B[h,g,j,a] + C_{\boxtimes}[g,h,j,k] \Big)$$

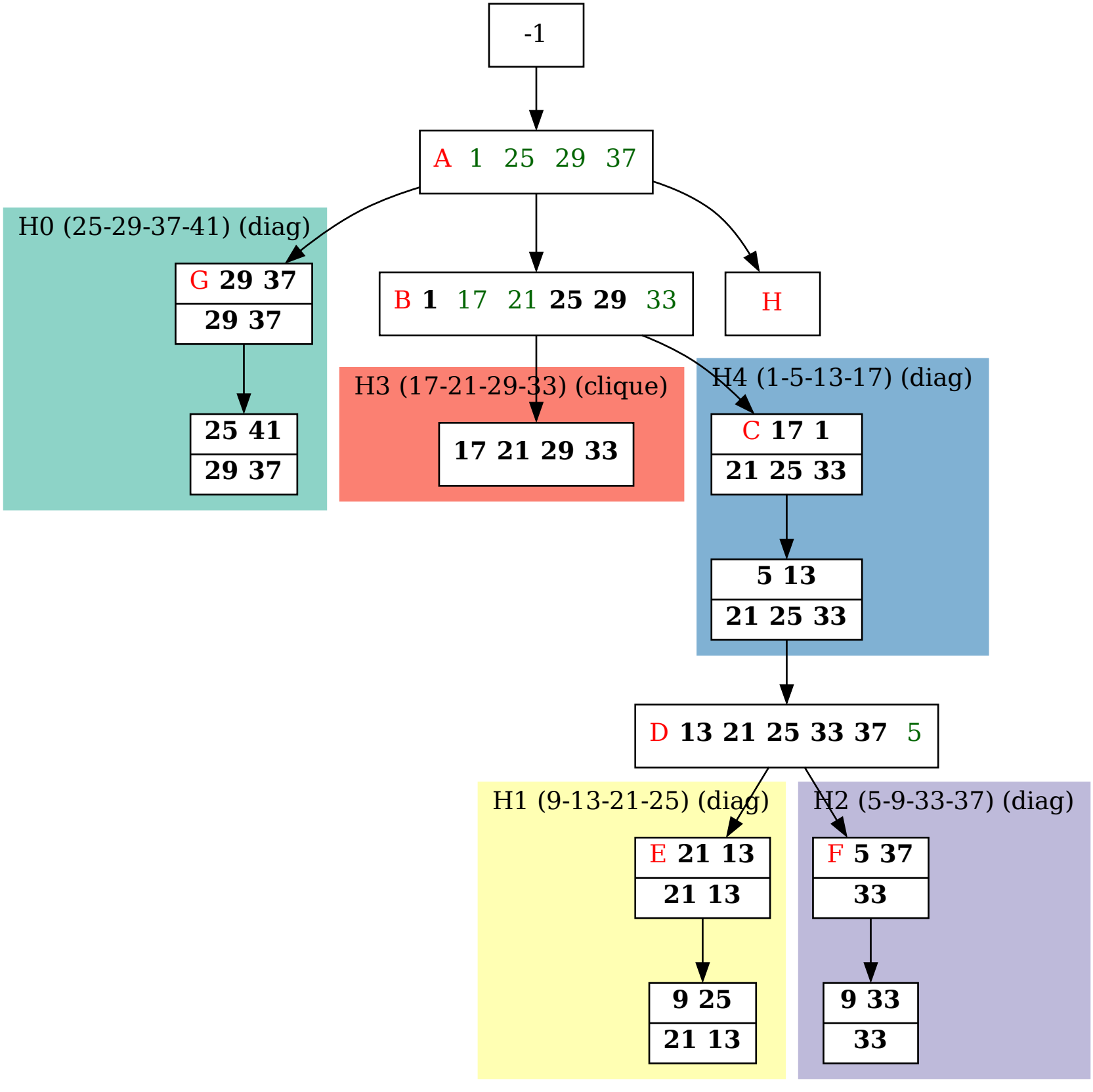
$$B\,[a,g,h,j] = \min_{e,f,i} \Big(C\,[e,a \mid i,g,j,f] + C_{\boxtimes}\,[e,f,h,i] \Big)$$

$$C'\,[e,a \mid i,g,j,f] = \min \begin{cases} C'[e,a-1 \mid i,g,j,f], & \text{if } a-1, \notin \{e,i,g,j,f\} \\ C\,[e+1,a-1 \mid i,g,j,f] + \Delta G(e,a) & \text{if } \{e+1,a-1\} \cap \{i,g,j,f\} = \emptyset \end{cases}$$

$$C\,[e,a \mid i,g,j,f] = \min \begin{cases} C\,[e+1,a \mid i,g,j,f], & \text{if } e+1 \notin \{a,i,g,j,f\} \\ C'\,[e,a-1 \mid i,g,j,f], & \text{if } a-1, \notin \{e,i,g,j,f\} \\ C\,[e+1,a-1 \mid i,g,j,f] + \Delta G(e,a) & \text{if } \{e+1,a-1\} \cap \{i,g,j,f\} = \emptyset, \\ D[g,f,e,j,i,a] \end{cases}$$

$$D\,[b,d,f,g,i,j] = \min_{c} \Big(C_{\boxtimes}\,[c,d,f,g] + C_{\boxtimes}\,[b,c,i,j] \Big)$$


H0 (25-29-37-41) (clique)
H3 (17-21-29-33) (clique)
H4 (1-5-13-17) (diag)
H1 (9-13-21-25) (clique)
H2 (5-9-33-37) (clique)
1 25 29 37 41
25 26 41
29 37
1 17 21 25 29 33 37
40 26 41
29 37
33 17 18
29 21
1 17 2
21 25 33 37
40 27 26
29 37
32 33 18
29 21
16 17 2
21 25 33 37
40 27 39
29 37
19 32 18
29 21
16 3 2
21 25 33 37
28 27 39
29 37
19 32 31
29 21
15 16 3
21 25 33 37
28 38 39
29 37
19 31 20
29 21
4 15 3
21 25 33 37
31 30 20
29 21
4 15 14
21 25 33 37
4 5 14
21 25 33 37
13 14 5
21 25 33 37
13 21 25 33 37 5 9
10 25 9
13 21
5 37 6
33 9
10 24 25
13 21
36 37 6
33 9
10 11 24
13 21
36 7 6
33 9
24 11 23
13 21
35 36 7
33 9
11 23 12
13 21
35 7 8
33 9
22 23 12
13 21
35 34 8
33 9


-1
A 1 25 29 37
H0 (25-29-37-41) (diag)
G 29 37
29 37
25 41
29 37
B 1 17 21 25 29 33
H
H3 (17-21-29-33) (clique)
17 21 29 33
H4 (1-5-13-17) (diag)
C 17 1
21 25 33
5 13
21 25 33
D 13 21 25 33 37 5
H1 (9-13-21-25) (diag)
E 21 13
21 13
9 25
21 13
H2 (5-9-33-37) (diag)
F 5 37
33
9 33
33