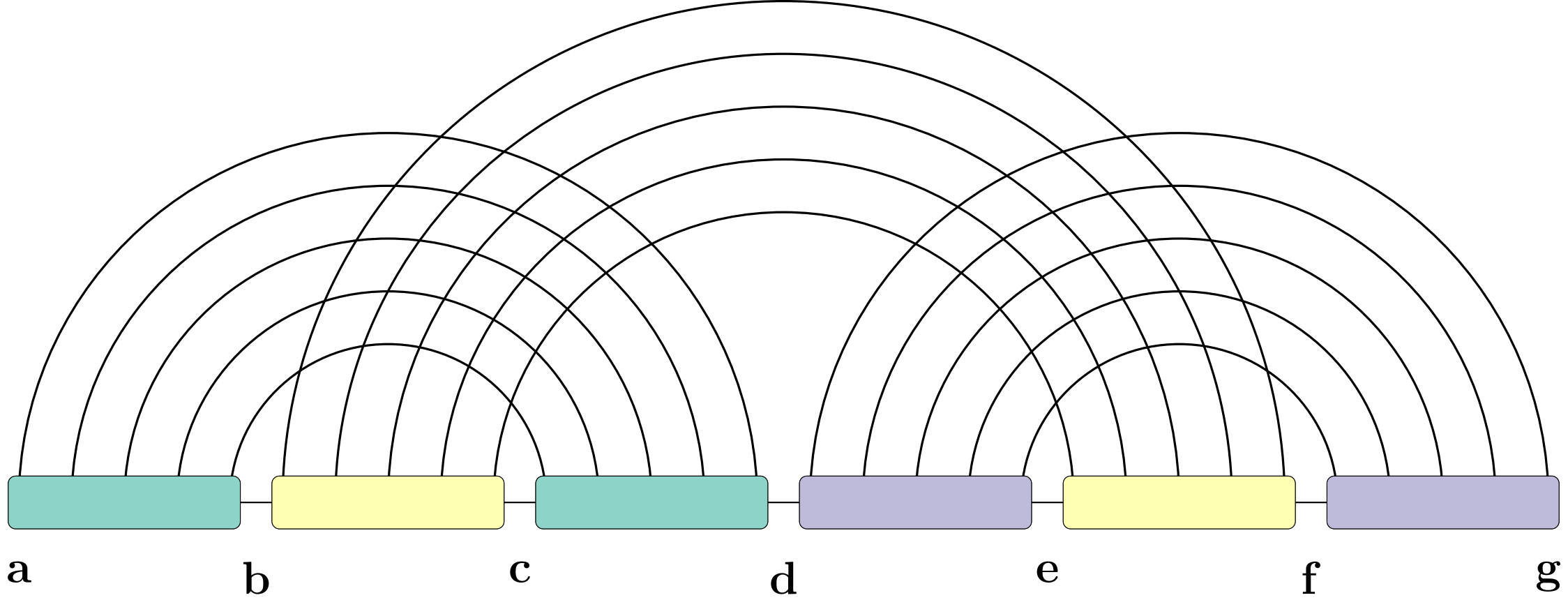

a
b
c
d
e
f
g

-1

1 13 25

H0 (1-5-9-13) (diag)

1 2
25 13

3 2 12
25 13

3 11 12
25 13

3 11 4
25 13

10 11 4
25 13

10 **5** 4
25 13

10 **5 9**
25 13

H2 (13-17-21-25) (diag)

14 **25 13**
5 9

14 24 **25**
5 9

14 24 15
5 9

24 23 15
5 9

16 23 15
5 9

22 16 23
5 9

22 16 **17**
5 9

21 22 **17**
5 9

H1 (5-9-17-21) (clique)

21 5 6
9 17

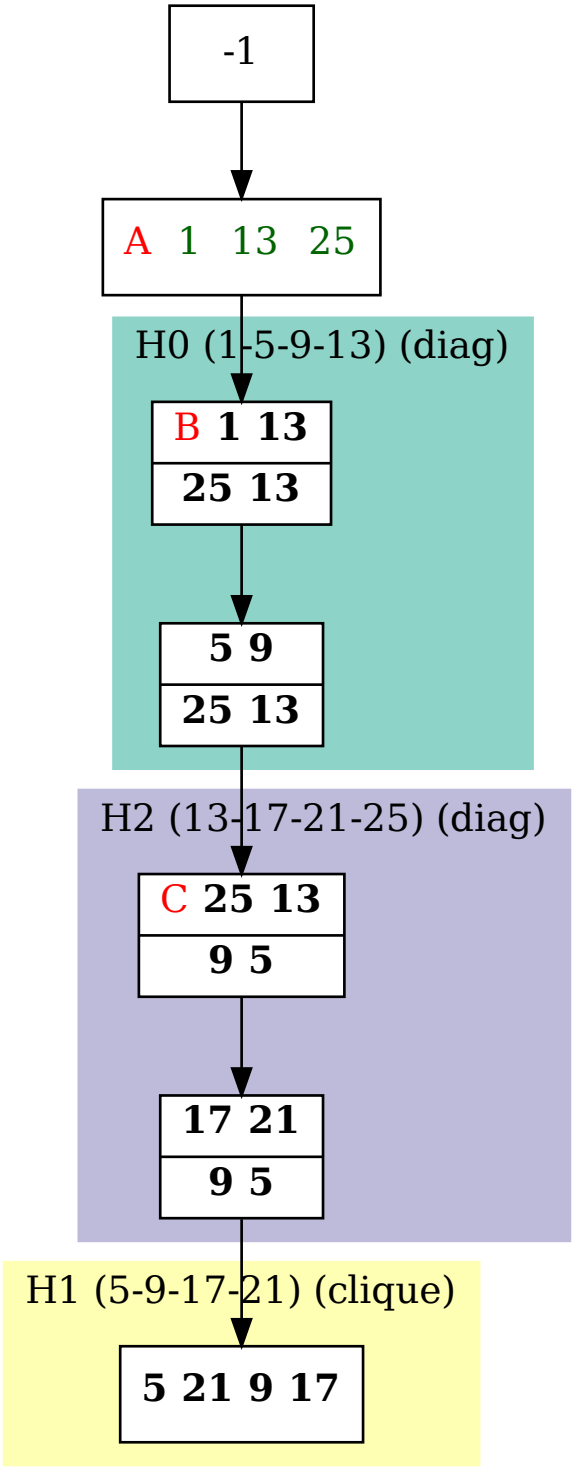
21 6 20
9 17

7 20 6
9 17

7 19 20
9 17

7 19 8
9 17

18 19 8
9 17


-1
A 1 13 25
H0 (1-5-9-13) (diag)
B 1 13
25 13
5 9
25 13
H2 (13-17-21-25) (diag)
C 25 13
9 5
17 21
9 5
H1 (5-9-17-21) (clique)
5 21 9 17

$$A = \min_{a,d,g} \left(B\left[a, d | d, g\right] \right)$$

$$B'\left[a, d | d', g\right] = \min \begin{cases} B'[a, d-1 | d', g], & \text{if } d-1, \notin \{a, d', g\} \\ B[a+1, d-1 | d', g] + \Delta G(a, d) & \text{if } \{a+1, d-1\} \cap \{d', g\} = \emptyset \end{cases}$$

$$B\left[a, d | d', g\right] = \min \begin{cases} B[a+1, d | d', g], & \text{if } a+1 \notin \{d, d', g\} \\ B'[a, d-1 | d', g], & \text{if } d-1, \notin \{a, d', g\} \\ B[a+1, d-1 | d', g] + \Delta G(a, d) & \text{if } \{a+1, d-1\} \cap \{d', g\} = \emptyset, \\ C'[d', g | a, d] \end{cases}$$

$$C'\left[d, g | b, c\right] = \min \begin{cases} C'[d, g-1 | b, c], & \text{if } g-1, \notin \{d, b, c\} \\ C[d+1, g-1 | b, c] + \Delta G(d, g) & \text{if } \{d+1, g-1\} \cap \{b, c\} = \emptyset \end{cases}$$

$$C\left[d, g | b, c\right] = \min \begin{cases} C[d+1, g | b, c], & \text{if } d+1 \notin \{g, b, c\} \\ C'[d, g-1 | b, c], & \text{if } g-1, \notin \{d, b, c\} \\ C[d+1, g-1 | b, c] + \Delta G(d, g) & \text{if } \{d+1, g-1\} \cap \{b, c\} = \emptyset, \\ C'_{\boxtimes}[b, c-1, d, g+1-1] \end{cases}$$