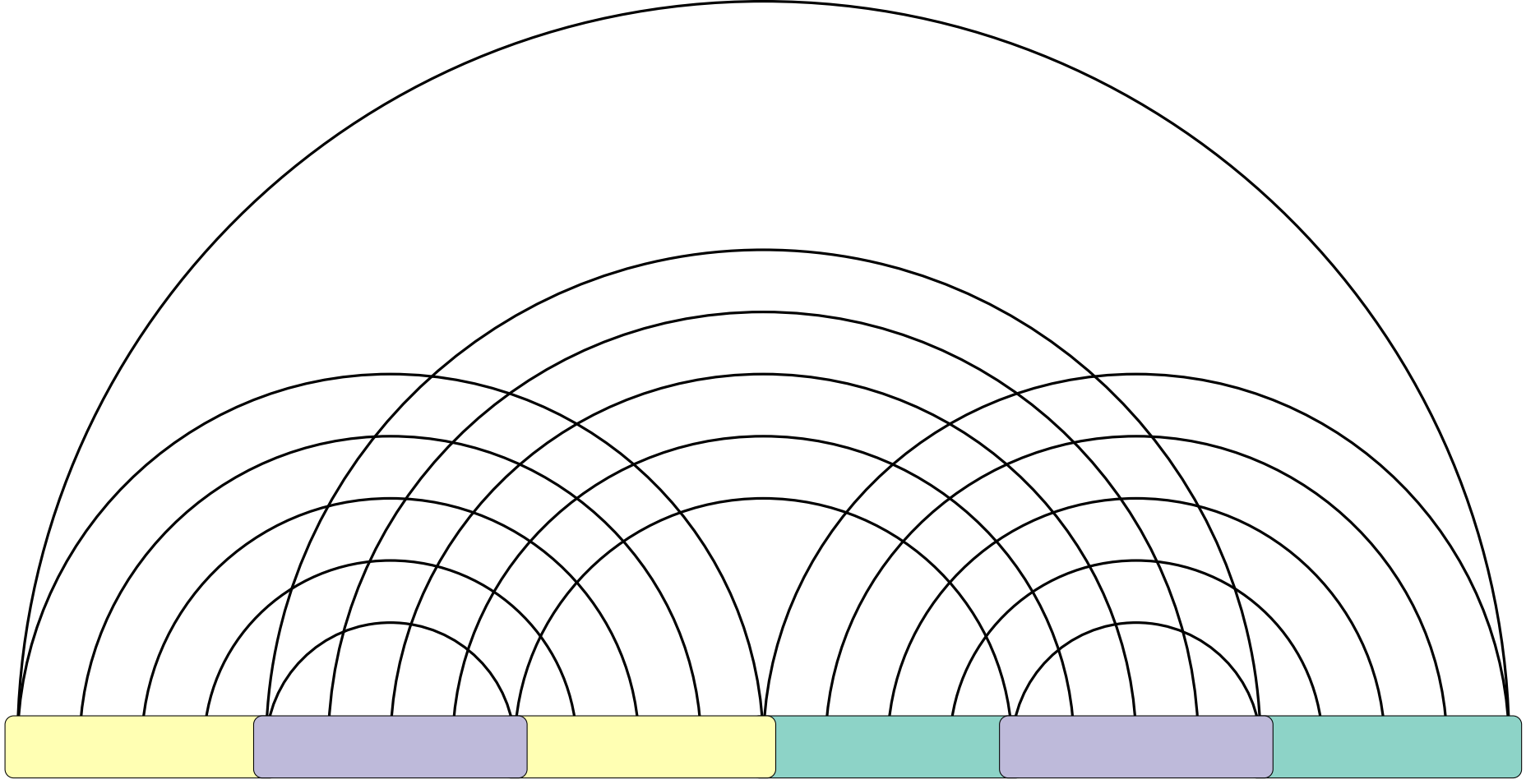
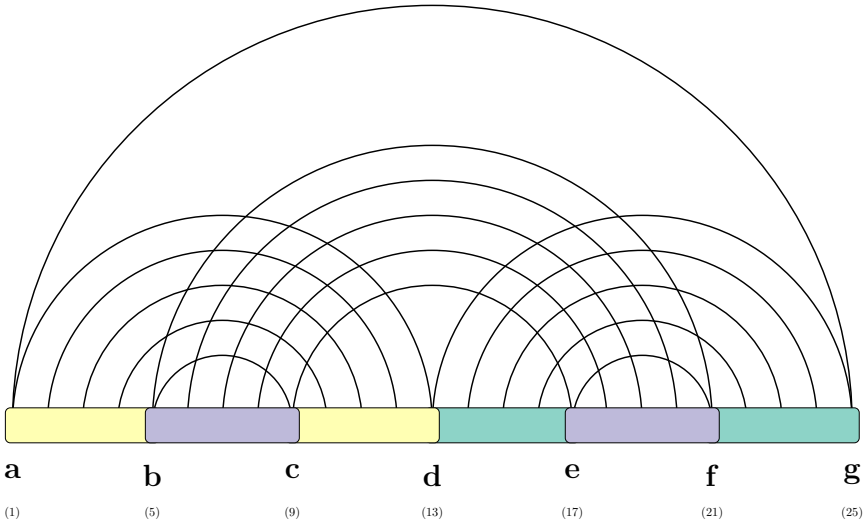

a
b
c
d
e
f
g
(1)
(5)
(9)
(13)
(17)
(21)
(25)

fatgraph name: K



first and last anchors, already given: a, g

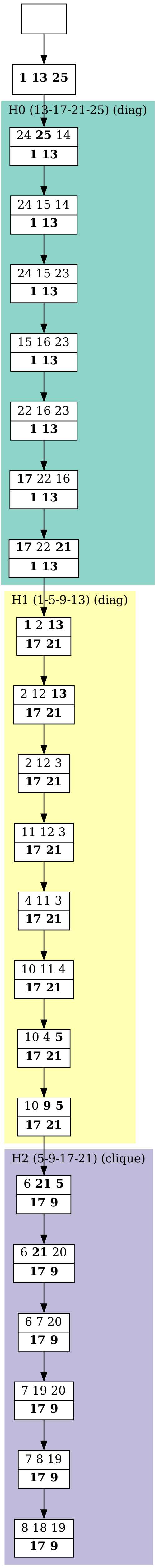
$$A = \min_{d} \Big(B\,[g, d \mid d, a] \Big)$$

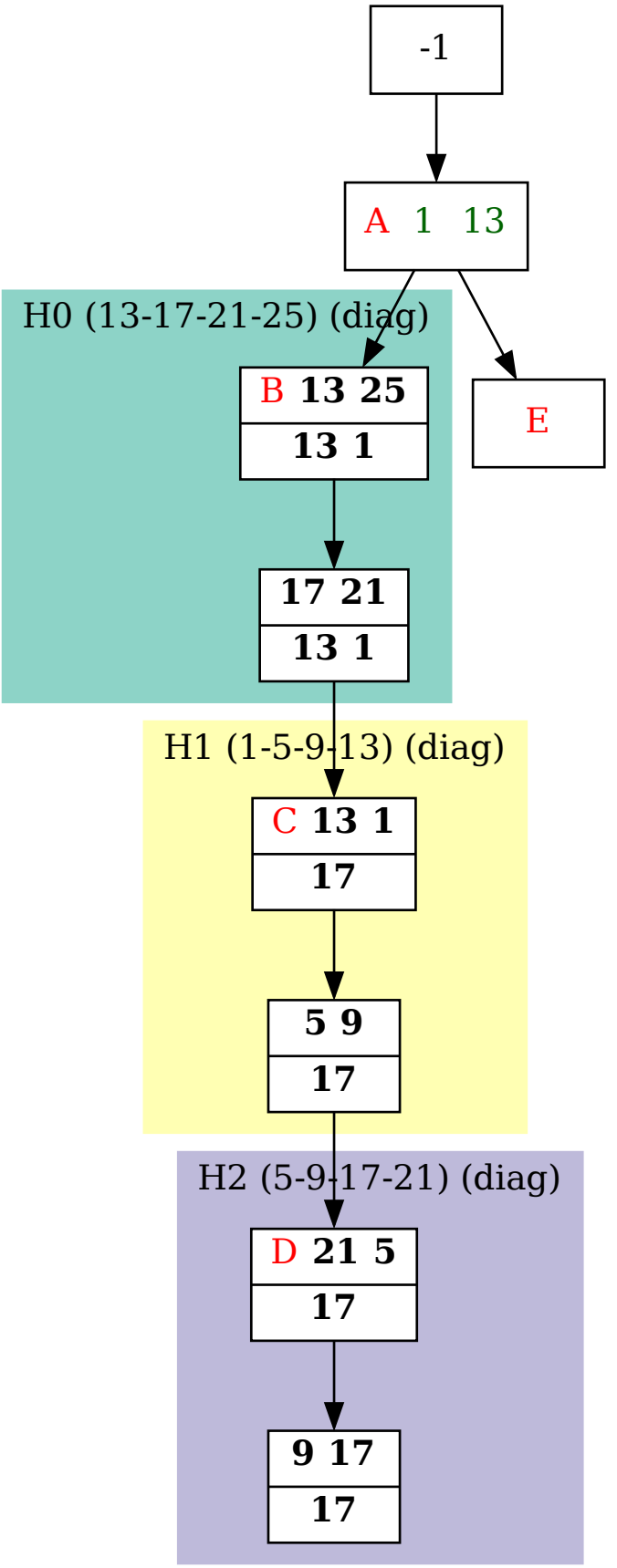
$$B'\,[g, d \mid d', a] = \min \begin{cases} B'\,[g, d-1 \mid d', a], & \text{if } d-1, \notin \{g, d', a\} \\ B\,[g+1, d-1 \mid d', a] + \Delta G(g, d) & \text{if } \{g+1, d-1\} \cap \{d', a\} = \emptyset \end{cases}$$

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

$$C'\,[d, a \mid f, e] = \min \Big\{ C'\,[d+1, a \mid f, e], \quad \text{if } d+1 \notin \{a, f, e\}$$

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


1 13 25
H0 (13-17-21-25) (diag)
24 25 14
1 13
24 15 14
1 13
24 15 23
1 13
15 16 23
1 13
22 16 23
1 13
17 22 16
1 13
17 22 21
1 13
H1 (1-5-9-13) (diag)
1 2 13
17 21
2 12 13
17 21
2 12 3
17 21
11 12 3
17 21
4 11 3
17 21
10 11 4
17 21
10 4 5
17 21
10 9 5
17 21
H2 (5-9-17-21) (clique)
6 21 5
17 9
6 21 20
17 9
6 7 20
17 9
7 19 20
17 9
7 8 19
17 9
8 18 19
17 9


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