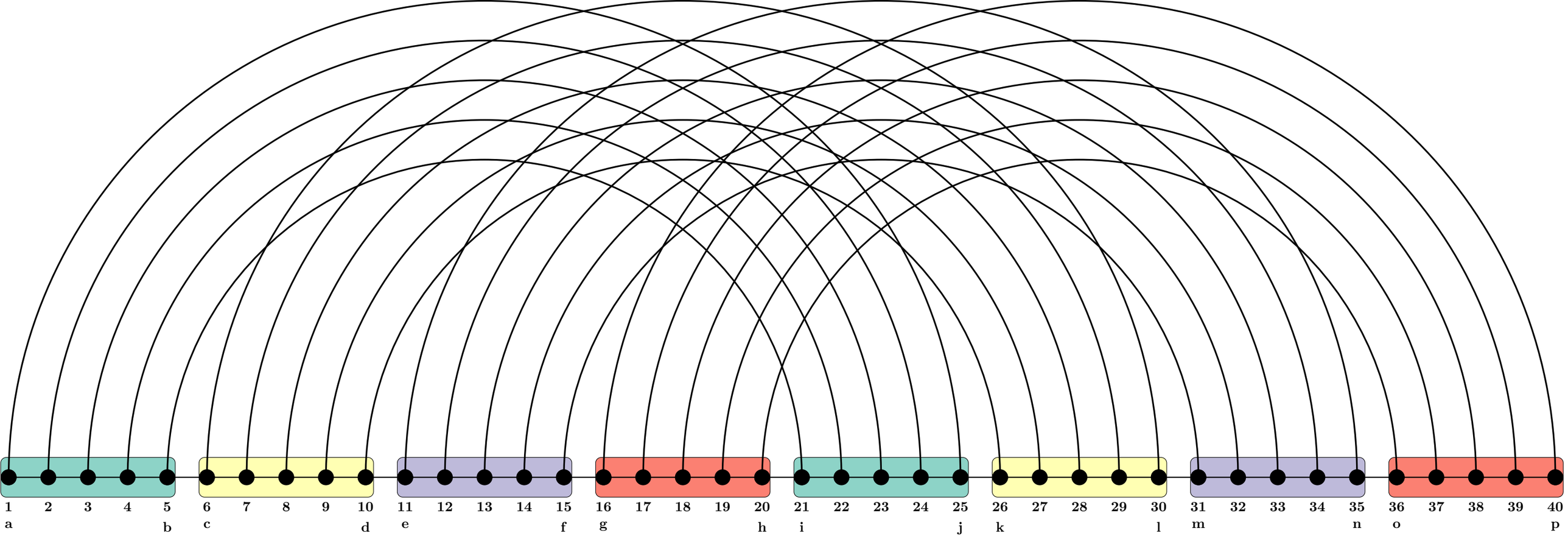
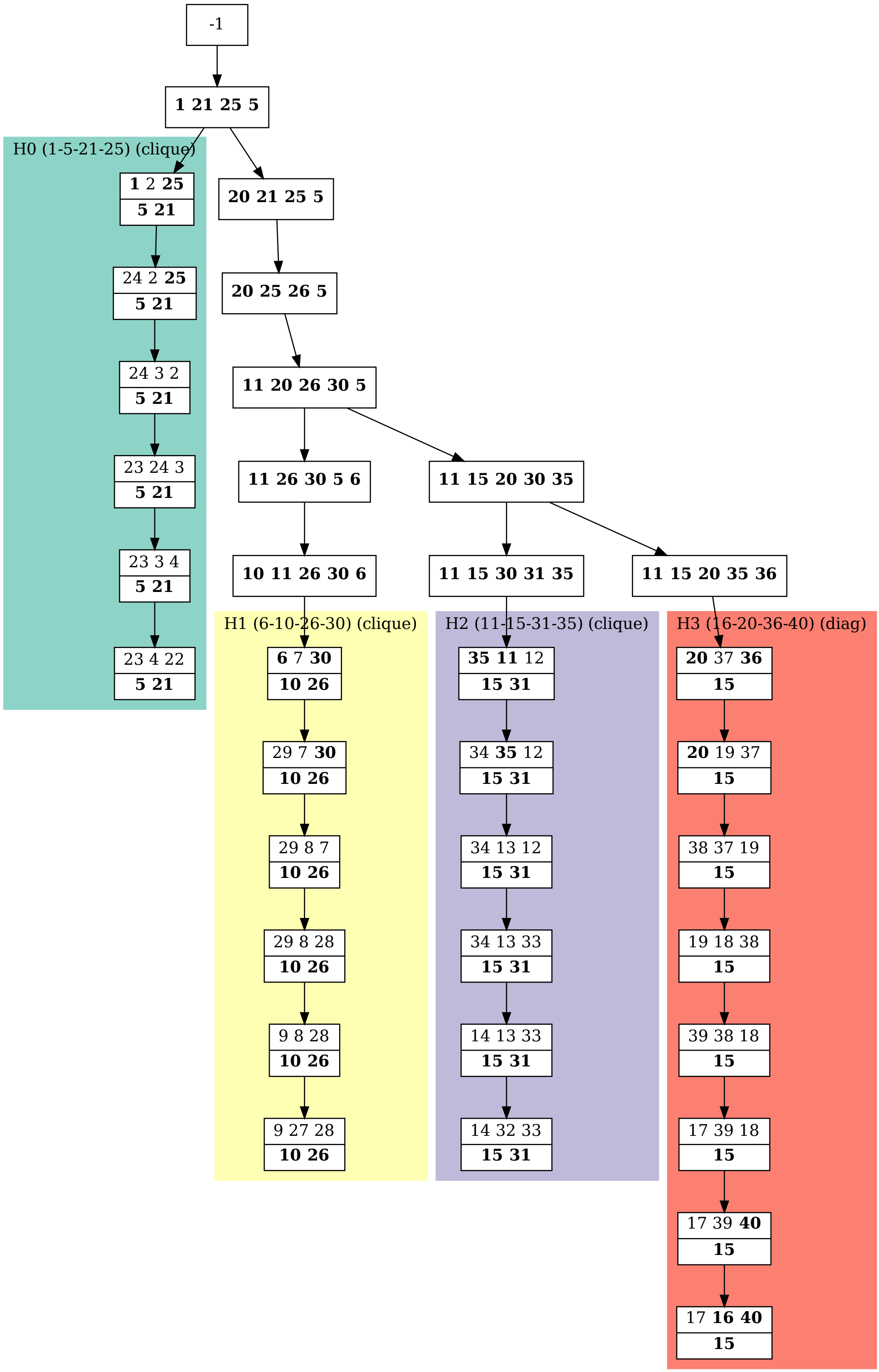
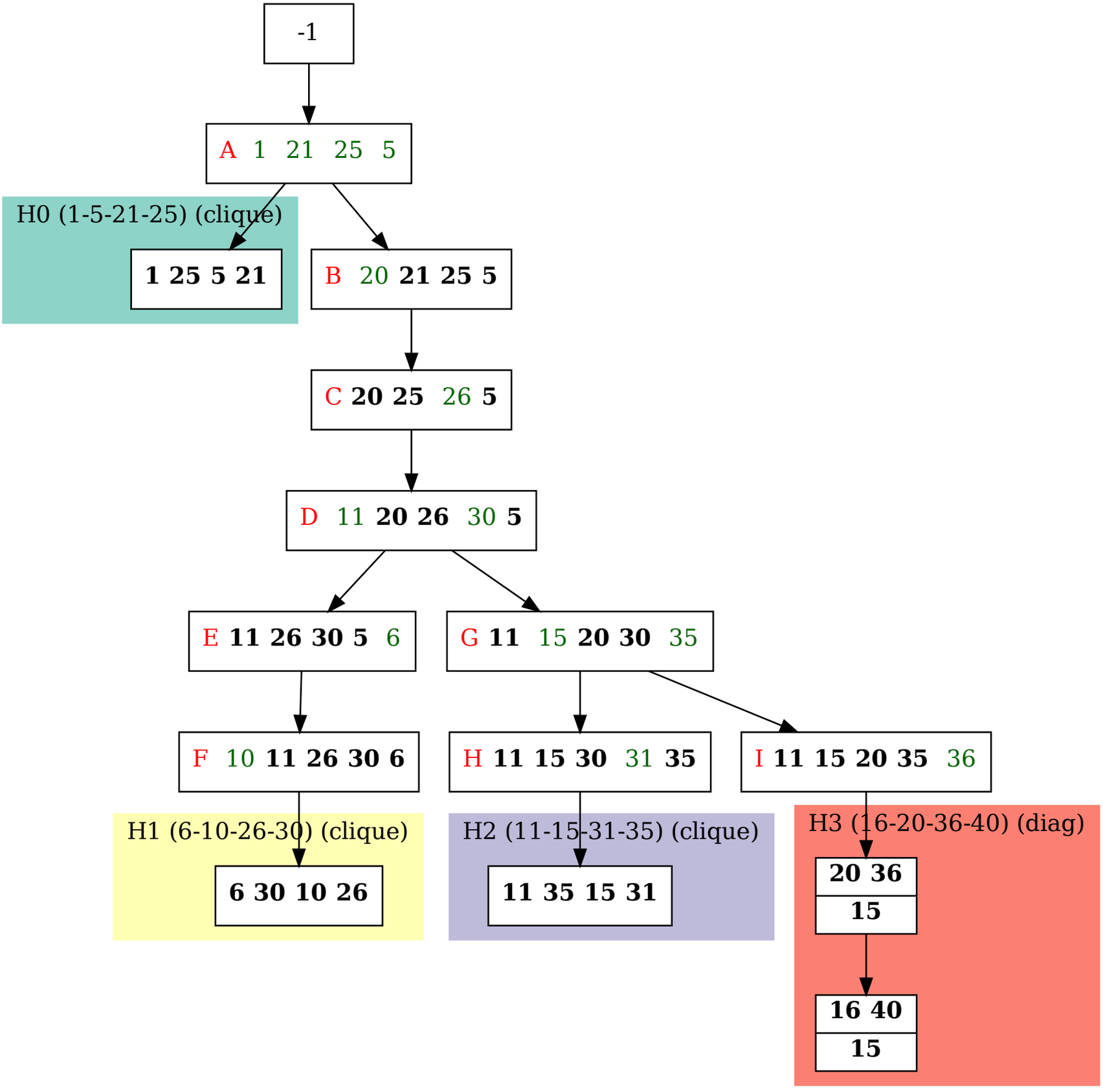
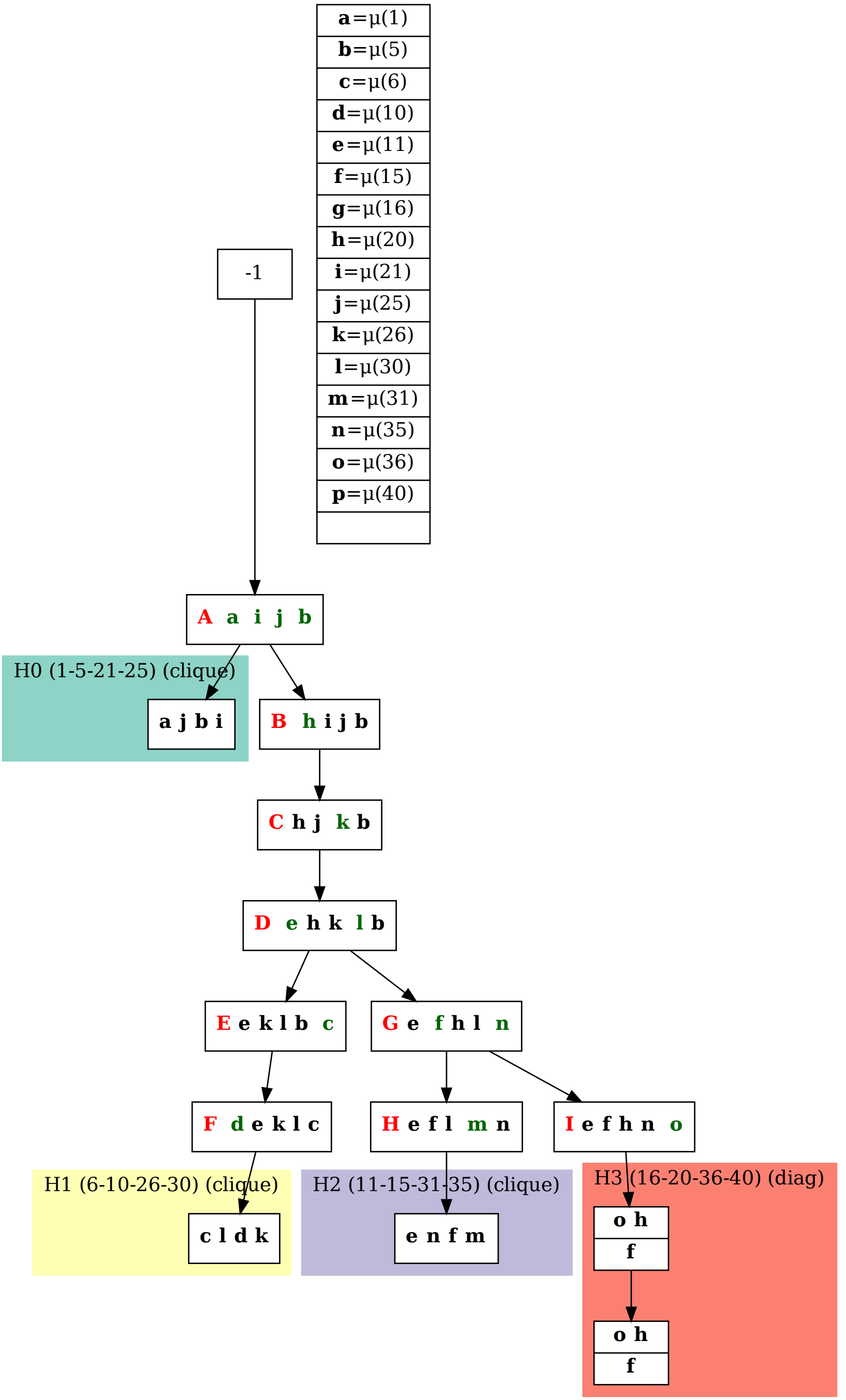
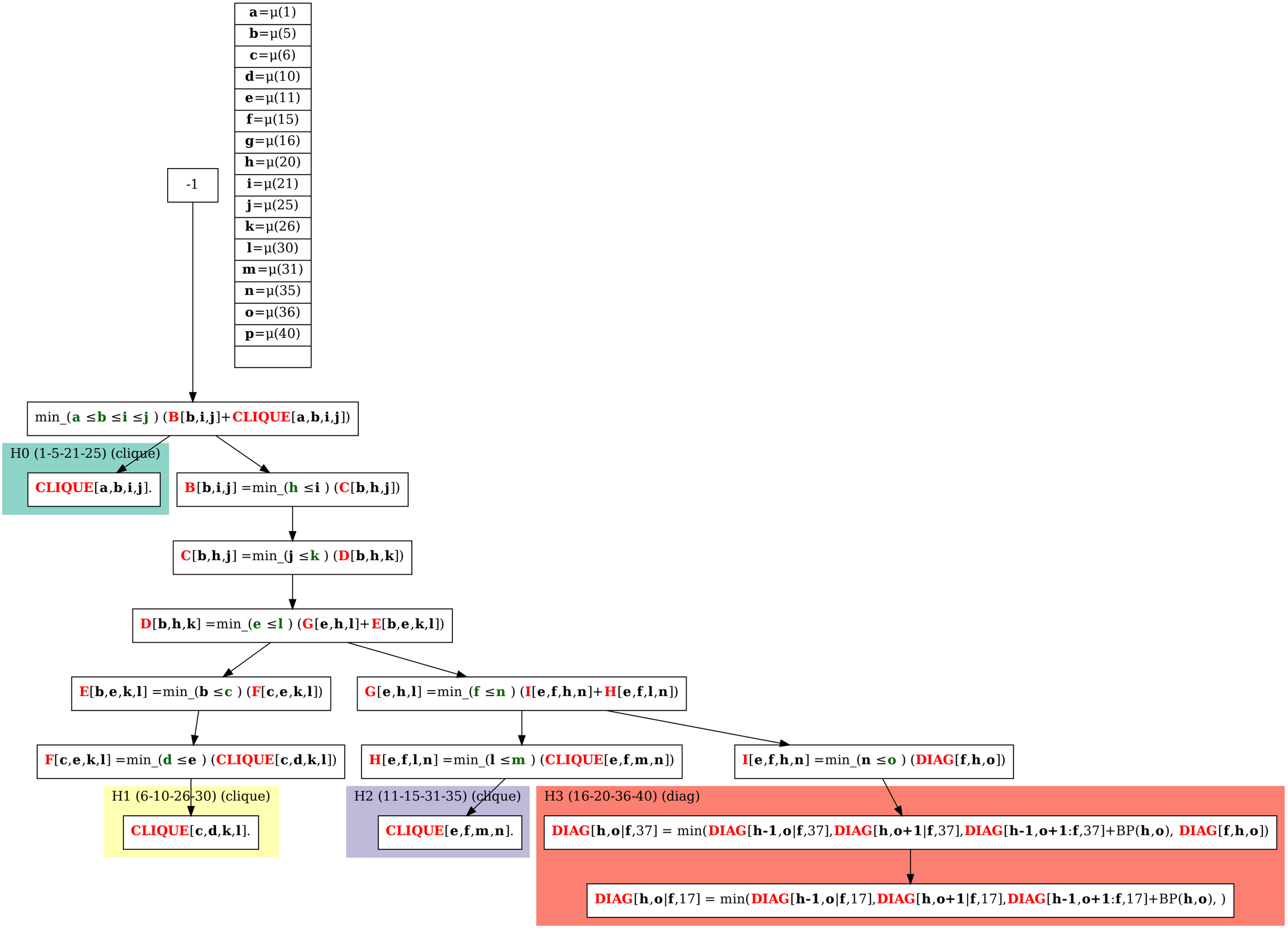

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40
a b c d e f g h i j k l m n o p


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


-1
A 1 21 25 5
H0 (1-5-21-25) (clique)
1 25 5 21
B 20 21 25 5
C 20 25 26 5
D 11 20 26 30 5
E 11 26 30 5 6
G 11 15 20 30 35
F 10 11 26 30 6
H 11 15 30 31 35
I 11 15 20 35 36
H1 (6-10-26-30) (clique)
6 30 10 26
H2 (11-15-31-35) (clique)
11 35 15 31
H3 (16-20-36-40) (diag)
20 36
15
16 40
15


a=μ(1)
b=μ(5)
c=μ(6)
d=μ(10)
e=μ(11)
f=μ(15)
g=μ(16)
h=μ(20)
i=μ(21)
j=μ(25)
k=μ(26)
l=μ(30)
m=μ(31)
n=μ(35)
o=μ(36)
p=μ(40)
-1
A a i j b
H0 (1-5-21-25) (clique)
a j b i
B h i j b
C h j k b
D e h k l b
E e k l b c
G e f h l n
F d e k l c
H e f l m n
I e f h n o
H1 (6-10-26-30) (clique)
c l d k
H2 (11-15-31-35) (clique)
e n f m
H3 (16-20-36-40) (diag)
o h
f
o h
f


a=μ(1)
b=μ(5)
c=μ(6)
d=μ(10)
e=μ(11)
f=μ(15)
g=μ(16)
h=μ(20)
i=μ(21)
j=μ(25)
k=μ(26)
l=μ(30)
m=μ(31)
n=μ(35)
o=μ(36)
p=μ(40)
-1
min_(a ≤b ≤i ≤j) (B[b,i,j]+CLIQUE[a,b,i,j])
H0 (1-5-21-25) (clique)
CLIQUE[a,b,i,j].
B[b,i,j] =min_(h ≤i) (C[b,h,j])
C[b,h,j] =min_(j ≤k) (D[b,h,k])
D[b,h,k] =min_(e ≤l) (G[e,h,l]+E[b,e,k,l])
E[b,e,k,l] =min_(b ≤c) (F[c,e,k,l])
G[e,h,l] =min_(f ≤n) (I[e,f,h,n]+H[e,f,l,n])
F[c,e,k,l] =min_(d ≤e) (CLIQUE[c,d,k,l])
H[e,f,l,n] =min_(l ≤m) (CLIQUE[e,f,m,n])
I[e,f,h,n] =min_(n ≤o) (DIAG[f,h,o])
H1 (6-10-26-30) (clique)
CLIQUE[c,d,k,l].
H2 (11-15-31-35) (clique)
CLIQUE[e,f,m,n].
H3 (16-20-36-40) (diag)
DIAG[h,o|f,37] = min(DIAG[h-1,o|f,37],DIAG[h,o+1|f,37],DIAG[h-1,o+1:f,37]+BP(h,o), DIAG[f,h,o])
DIAG[h,o|f,17] = min(DIAG[h-1,o|f,17],DIAG[h,o+1|f,17],DIAG[h-1,o+1:f,17]+BP(h,o),)