

D D R h $\frac{4}{4}$ 00 $\frac{4}{4}$ $\frac{4}{4}$

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3 M R s h h

4 j $\frac{4}{4}$ h h $\frac{4}{4}$ h h h h $\frac{4}{4}$

5 h $\frac{4}{4}$ h $\frac{4}{4}$ h $\frac{4}{4}$ h $\frac{4}{4}$ h h

0 h $\frac{4}{4}$ h $\frac{4}{4}$ h h h h

2 h h $\frac{4}{4}$ $\frac{4}{4}$ h h h h

3 h h $\frac{4}{4}$ h h h h

4 $\frac{4}{4}$ h h h h $\frac{4}{4}$

5 $\frac{4}{4}$ h h h h h h h

6 $\frac{4}{4}$ h h h h h h

20 $\frac{4}{4}$ h h h h h h

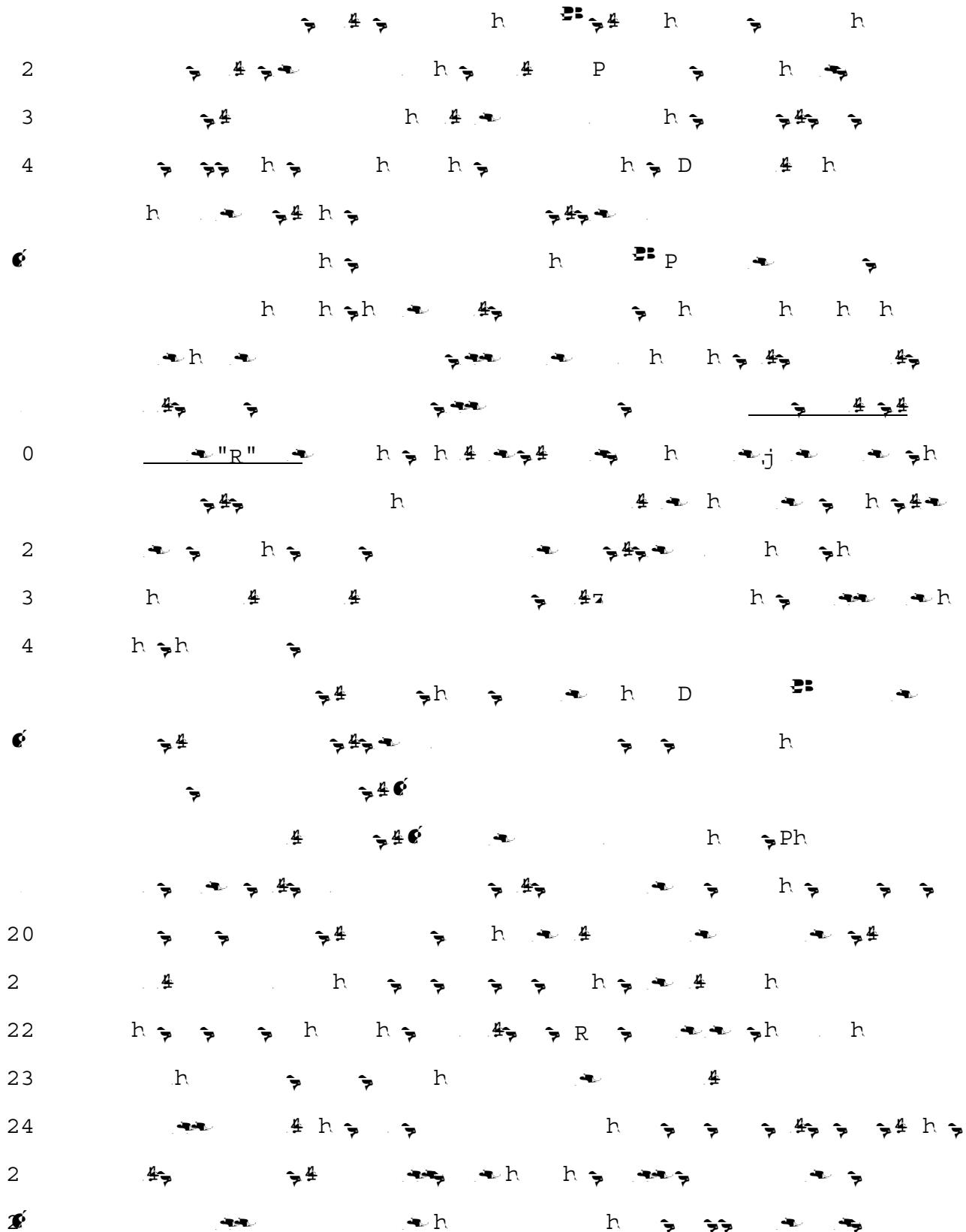
2 $\frac{4}{4}$ " $\frac{4}{4}$ " $\frac{4}{4}$ R

$\frac{4}{4}$ h R $\frac{4}{4}$

$\frac{4}{4}$ M $\frac{4}{4}$

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h $\frac{1}{2}$ "h h h $\frac{1}{2}$
 2 h $\frac{1}{2}$ h $\frac{1}{2}$ R $\frac{1}{2}$ h
 3 h $\frac{1}{2}$ h $\frac{1}{2}$ h $\frac{1}{2}$ h $\frac{1}{2}$
 4 h $\frac{1}{2}$ "h h h $\frac{1}{2}$ h h
 4 h $\frac{1}{2}$ h $\frac{1}{2}$ "
 6 h h h $\frac{1}{2}$ h
 h $\frac{1}{2}$ h h h h
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 " h h h h h h h
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 h h h h h h h h
 20 h h h h h h h h
 2 h h h h h h h h
 22 h j h h h h h h
 23 h h h h h h h h
 24 h h h h h h h h
 2 h h h h h h h h
 6 h h R h h
 4 M 4



	h	h	h	h	h	h	h	P	
2	h	P	4	4	h	h	h		
3	4	h	4	h	h	h	h		
4	4	4	4	4	h	h	h	4	
c	4	4	4	4	h	h	h	4	h
	h	4	R	Ph	4	4	4	4	
	4	4	4	4	h	4	h	4	
	4	4	4	4	h	4	4	4	h
0	4	4	4	4	Ph	4	4	4	
	4	4	4	4	4	4	4	4	4
2	4	4	h	4	h	h	4	4	
3	4	D	4	4	4	4	h	4	4
4	4	h	4	4	h	4	h	4	
c	4	4	4	4	h	4	4	4	
	h	4	4	4	4	4	4	4	
	4	4	4	4	h	4	4	4	
c	4	4	4	4	h	4	4	4	
	h	4	4	4	4	4	4	4	
20	4	4	4	4	4	4	4	4	
2	4	4	4	4	4	4	4	4	h
22	4	4	4	4	4	4	4	4	4
23	h	h	h	h	h	h	4	4	
24	4	h	4	4	h	4	4	h	4
2	h	h	h	h	h	h	h	h	h
c	4	4	4	4	h	4	4	4	h

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 2 h 7 4 " 7 h 7 4 h 7 4 7
 3 7 4 7 4
 4 7 4 h 7 h 7 7 4 R 7 4 7
 4 4 7 7 4 7 h 7 4
 6 7 h 7 4 7 R h 7 4 4 h h 7 4
 h 7 7 7 4 7 7 7 7
 4h 4 7 7 h 7 4 h 7 4 7 h 7 h 7 7 4
 4 7 7 h 7 4 7 4 7
 0 h h 7 7 h 7 7 h 7 h 7 7 4
 7 4 7 h h 7 7 h 7 7 7
 2 h 7 7 4 7 h 7 4 7 7 7 4 7
 3 7 4 7 h 7 h 7 4 7 h 7 7 4 7
 4 h D 4 7 4h h 7 h 7 4 7
 7 4 7 7 h 7 h 7 4 7 4 7
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 4 7 4 h h 7 7 4 7 4 7 4 7
 h h h 7 4 7 4 7 4 7 4 7
 20 4 h 7 7 4 7 4 7
 2 7 7 7 7 4
 22 7 4 7 7 4 7 7 7 h 7 7 4 7 7 7 4 7 7 7
 23 h 7 7 h 7 h 7 h 7 h 7 4 7 7 4 7
 24 7 7 7 h 7 4 7 h 7 7 4 7 j 7 7 4 7
 2 7 7 7 h 7 4 7 h 7 7 4 7 4 7 4 7
 6 7 4

4 h 7 R 7 4
 4 M 4

		h	D		
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3		h			
4		h ♪		h ♪ h	h ♪ h h
c		h		h ♪ D	
20		4		h ♪ ♪	
2		D P		h	h j
22		h ♪		h ♪ ♪	h
23		h ♪		h ♪ 4 4 h	h ♪ h ♪
24		h ♪		h M P ♪ 4 h	h ♪
2		h ♪ ♪		h ♪ h ♪	4
c	4			h ♪	
		4 h ♪ R ♪ 4			
		4 M 4			

	4	4	4	h	4	4	4
2	4	4	h	-	-	-	h
3	h	h	-	-	-	4	h
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	h	h	4	-	4	h	h
	-	-	-	-	j	-	h
	4	h	2	-	-	-	h
	h	4	h	-	-	-	h
	4	4	4	-	-	h	4
0	-	h	h	4	-	4	4
	-	-	-	4	4	h	h
2	4	4	j	-	-	-	4
3	-	4	4	h	-	-	-
4	-	-	-	-	4	4	-
	-	-	-	-	-	-	-
	4	4	h	-	-	-	h
	4	4	h	-	-	-	4
	4	4	h	-	-	-	h
	4	4	h	-	-	-	h
20	-	h	h	h	-	h	h
2	-	-	-	4	4	4	h
22	-	-	h	h	-	-	-
23	-	M	4	4	4	4	4
24	-	4	4	4	-	4	4
2	-	4	4	h	4	4	4
	-	4	4	4	4	4	4

2

h h 4 h h h h

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3 " 4 4 4 4 4 4 4 4 4 h 4 h

4 h 4 D 4 4 4 h 4 4 " j

h 4 h h j 4 4 h 4 4

6 h h 4 4 4 4 4 4 4 4 4

4 4 4 4 4 4 4 4 4 4 4 4

4 h 4 h 4 h 4 h 4 h 4 h

h 4 4 4 4 4 4 4 4 4 4 4

0 h 4 4 4 4 4 4 4 4 4 4

h 4 4 R 4 4 4 4 4 4 4

2 R 4 4 4 4 4 4 4 4 4 4

3 4 4 4 4 4 4 4 4 4 4 R 4 4

4 h 4 4 4 4 4 4 4 4 4 4

4 4 4 4 4 4 4 4 4 4 4 4

6 h h 4 h s 4 4 4 4 4 4

h 4 4 4 4 4 4 4 4 4 4 4

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20 4 4 4 4 4 4 4 4 4 4 4

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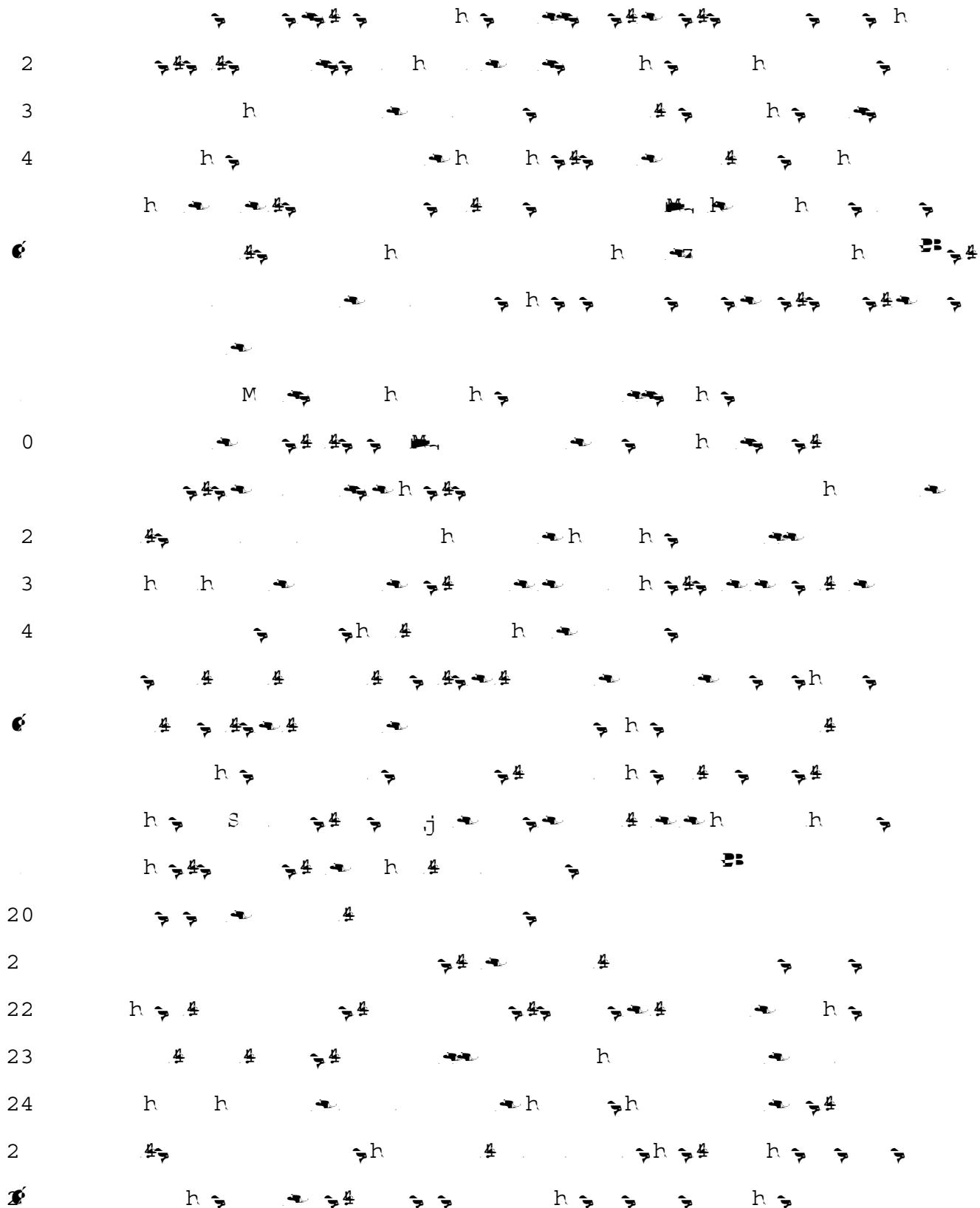
22 4 4 4 4 4 4 4 4 4 4 4

23 4 h h 4 4 4 4 4 4 4 4

24 h 4 4 4 4 4 4 4 4 4 4

2 h 4 4 4 4 4 4 4 4 4 4

6 h 4 R 4 4 4 4 4 4 4



h h h h
2 h h h h
3 h h h h P h h
4 h h h D h h
5 h R P h h h h
h h h h h h h h
h h h h h h h h
h h h h h h h h
h h h h h h h h
0 h h h h h h h
2 h h h h h h h
3 h h h h h h h
4 j j j h h h h h h
5 h M 4 h h h h h h
h h h h h h h h h h
h h h h h h h h h h
h h h h h h h h h h
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2 h h h h h h h h h h
22 " h h h h h h h h h h
23 h h h h h h h h h h
24 h h h h h h h h h h
2 h h h h h h h h h h
25 h h h h h h h h h h

2 h $\frac{4}{4}$ h $\frac{4}{4}$ h $\frac{4}{4}$ h $\frac{4}{4}$ h $\frac{4}{4}$

3 h $\frac{4}{4}$ h $\frac{4}{4}$ h $\frac{4}{4}$ h $\frac{4}{4}$ h $\frac{4}{4}$ h $\frac{4}{4}$

4 h $\frac{4}{4}$ h $\frac{4}{4}$ h $\frac{4}{4}$ h $\frac{4}{4}$ h $\frac{4}{4}$ h $\frac{4}{4}$

$\frac{4}{4}$ h $\frac{4}{4}$ R $\frac{4}{4}$
 $\frac{4}{4}$ M $\frac{4}{4}$

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4 R $\tilde{\gamma}$ $\tilde{\gamma}$ $\tilde{\gamma}$ $\tilde{\gamma}$ h $\tilde{\gamma}$ $\tilde{\gamma}$ $\tilde{\gamma}$ h $\tilde{\gamma}$ $\tilde{\gamma}$

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4 h 4

h 2 4 4 44

0 h h zh h h

h $\frac{1}{2}$ h $\frac{1}{2}$ $\frac{1}{4}$ $\frac{1}{4}$

2 h γ β h γ P β γ

3 $\frac{4}{3} \pi r^3$ $P = \frac{4}{3} \pi r^2 h$ $V = \frac{1}{3} \pi r^2 h$

h

Figure 1. The effect of the number of clusters on the classification accuracy of the proposed model.

h ⁴ p

h $\frac{1}{2}$ h $\frac{1}{2}$ h $\frac{1}{2}$ h $\frac{1}{2}$ h $\frac{1}{2}$

10. *Leucosia* *leucostoma* (Fabricius) (Fig. 10)

22 

24 4-4-5 2-2-2 2-2-2 4-4-4

h h h h h h h h h

4 h R 4

4 M 4

2

4 7h 7

4 h 7 R 7 4
4 M 4
30 0 02

2	h	4	h	4	P	4
3	M	4	h	h		4
4	h	4	4	4		h
c	4	h	h	h		h
h	4	4		h	h	4
	4	4			h	
0		4		4	j	4
2	h	4	h	4	P	
3		h		"		
4	4	h	h	h	P	
c	4	h	4	4	4	4
h	4	h	h	h	4	h
	4	4	4	4	4	h
20	P			h	4	h
2		h		P	4	h
22	h	h	h	h	4	h
23		h	s		h	h
24		4	4	4	4	
2	4	h	4	h	M	4
c	h	4	4	h	h	4
	4	h	R	4		
	4	M	4			

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j

4 h - R - 4
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3		h		4					
4					h	4	h		
		h	4	h	4	h	4	h	4
		h		4		h	4	h	4
		h		4		h	4	h	4
		h		4		h	4	h	4
		h		4		h	4	h	4
0				4	h	4	h	4	h
				4		M	4	4	4
2				h		h	4	h	4
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4				4		h	4	h	4
				h		h	4	h	4
				h		h	4	h	4
				h		h	4	h	4
				h		h	4	h	4
20				4	4	D	B	h	4
2			D					h	4
22			h			h	4	h	4
23			4		4			h	
24			4		4	h	4	h	4
2			4		4	h		4	h
			4		4	h		4	h

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 23 R S R h h h 4 4 4
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