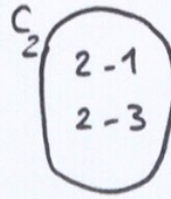
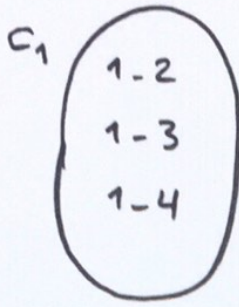
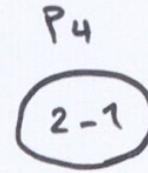
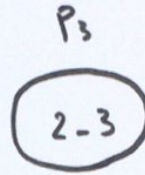
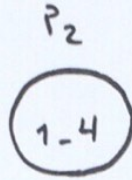
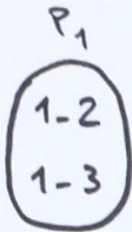


True



Predicted



(A) Cluster based

$P_1 - C_1$	$P_2 - C_1$	$P_3 - C_2$	$P_4 - C_2$
$TP = 2$	$TP = 1$	$TP = 1$	$TP = 1$
$FN = 1$	$FN = 2$	$FN = 1$	$FN = 1$
$FP = 0$	$FP = 0$	$FP = 0$	$FP = 0$

Total

$$TP = 5$$

$$FN = 5$$

$$FP = 0$$

$$R = \frac{tp}{tp + fn} = \frac{5}{5 + 5} = 0.5$$

$$P = \frac{tp}{tp + fp} = \frac{5}{5 + 0} = 1$$

(B) Sequence based

	TP	FN	FP
1-2	1	1	0
1-3	1	1	0
1-4	0	2	0
2-3	0	1	0
2-1	0	1	0
Total	2	6	0

$$R = \frac{tp}{tp + fn} = \frac{2}{2 + 6} = 0.25$$

$$P = \frac{tp}{tp + fp} = \frac{2}{2 + 0} = 1$$