

# K-modes

- Given the following data and modes:
  - Assign the points to each initial M1 and M2
  - Re-compute the modes
  - Initial modes: M1= 3: {BRT} M2= 5:{ART}

ID	F1	F2	F3
1	A	P	H
2	B	P	H
3	B	R	T
4	A	P	T
5	A	R	T
6	A	R	H
7	B	P	H

$$C(M1) = 2, 7$$

$$C(M2) = 1, 4, 6$$

$$M1\_new = B, P, H$$

$$M2\_new = A, R, T$$