Euclidean Distance

SQRT((5-10)^2 + …..(7-4)^2)

Tuple i	Tuple j	(xi-xj)^2
5	10	25
1	0	1
22	20	4
7	4	9
SUM =		39
SQRT(SUM)=		6.244998

Manhattan Distance

ABS(5-10) + …+ABS(7-4)

Tuple i	Tuple j	ABS(xi - xj)
5	10	5
1	0	1
22	20	2
7	4	3
SUM =		11
DISTANCE =		11

Minkowski Distance

Using h=3 , The h-root of (ABS (5-10)^h + …ABS(7-4)^h)

Tuple i	Tuple j	ABS(xi - xj)^3
5	10	125
1	0	1
22	20	8
7	4	27
SUM =		161
H-ROOT=		6.244998

Supremum Distance

The maximum distance for one of the attributes

Tuple i	Tuple j	ABS(xi-xj)
5	10	5
1	0	1
22	20	2
7	4	3
MAX =		5