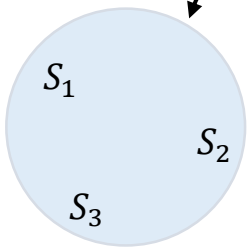

set S

$\mathrm{U}(H)$

if $\mathrm{U}(X_i) > U(H)$
then $U(H) = \mathrm{U}(X_i)$

X	setDist	I (Xi) score	maxU(Xi)
X1	0.5	0.41	0.482
X2	0.48	I_u	0.6668427
X3	0.4	I_u	0.6028427
X4	0.35	I_u	0.5628427
X5	0.31	I_u	0.5308427
X6	0.29	I_u	0.5148427
X7	0.24	I_u	0.4748427
X8	0.15	I_u	0.4028427
X9	0.11	I_u	0.3708427
X10	0.09	I_u	0.3548427
X11	0.08	I_u	0.3468427
X12	0.08	I_u	0.3468427
X13	0.07	I_u	0.3388427
X14	0.07	I_u	0.3388427
X15	0.069	I_u	0.3380427
X16	0.066	I_u	0.3356427
X17	0.063	I_u	0.3332427
X18	0.061	I_u	0.3316427
X19	0.025	I_u	0.3028427
X20	0.02	I_u	0.2988427

List L = X sorted by setDist

Early termination

$$\mathrm{U}(X_i) = (1-\lambda) * I(X_i) + \lambda * f(X_i, D),$$

where: $\lambda = 0.8$

Need to be executed

Pruned: **if** $\mathrm{maxU}(X_i) < U(H)$