//We vary one weight bias while the others are kept fixed.

wcb=0.1;

wd=0.1;

for wf=0.5:1,

M\_FINAL = wf\*M\_FISM+ wcb\*M\_CB + wd\*M\_Demo;

[X\_wt,Y\_item] = sort(M\_FINAL, 2,'descend');

//Plot Hr and ArHr Values for each of the three cases. So, x axis is weight of FISM technique in this case and y axis is corresponding Hr, Arhr fields.

wf=0.8;

wd=0.1;

for wcb=0:0.5,

M\_FINAL = wf\*M\_FISM+ wcb\*M\_CB + wd\*M\_Demo;

[X\_wt,Y\_item] = sort(M\_FINAL, 2,'descend');

//Repeat Similarly

wf=0.8;

wcb=0.1;

for wd=0:0.5,

M\_FINAL = wf\*M\_FISM+ wcb\*M\_CB + wd\*M\_Demo;

[X\_wt,Y\_item] = sort(M\_FINAL, 2,'descend');