```
% INPUT Matrices: ndataseq01060216 and ndataseq10060216 from crop
%   simulation models with Columns
%  1 = cell30m/Unique Cell ID
%  2 = Replication
%  3 = Wheat Area in Cell (ha)
%  4 = Wheat Yield (kg/ha) for Weeding
%  5 = Wheat Yield (kg/ha) for No weeding
%
% OUTPUT Matrix: RA with columns
# %  1 = cellID
# %  2 = Comparison Technology ID
# %  3 = Base Technology ID
# %  4 = Mean Yield for Comp
# %  5 = Standard Deviation of Yield for Comp
# %  6 = CV of Yield for Comp
# %  7 = Maximum Yield for Comp
# %  8 = Minimum Yield for Comp
# %  9 = Probability of Crop Failure for Comp
# % 10 = Min Proportion for Comp to SOSD Base
# % 11 = Mean Yield for Base
# % 12 = Standard Deviation of Yield for Base
# % 13 = CV of Yield for Base
# % 14 = Maximum Yield for Base
# % 15 = Minimum Yield for Base
# % 16 = Probability of Crop Failure for Base
# % 17 = Min Proportion for Base to SOSD Comp
# % 18 = Difference in mean Comp - Base
# % 19 = Difference in standard deviation Comp - Base
# % 20 = Difference in CV Comp - Base
# % 21 = Difference in Prob of Crop Failure Comp - Base
# % 22 = Min Proportion for Comp to SOSD Base divided by average base yield
# % 23 = Min Proportion for Base to SOSD Comp divided by average base yield
# % 24 = Comp More Risky (-1)/less Risky (1)/ Indeterminant (0) compared to Base
# % 25 = Wheat Area

% For Year Sequence 1
% Compare 40 kgs versus 0 kgs N for Each Unimproved and Improved Varieties
RA_yearseq_01 = ConstRiskThresh(ndataseq01060216, 4, 5);


LEN          = length(RA_yearseq_01);
apones       = ones(LEN,1);

clear apones LEN;


RA = [RA_yearseq_01];
```