

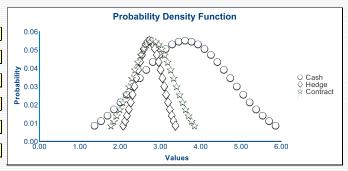
Payoff Matrix	Compare	Profiles	Risk Inde	xing Risk	Ranker	Help	Save, Load, Delete		
Enter names of risk management alternatives, probability states, their probabilities , and their payoffs									
			Management Alternatives						
Probability States	Probabilities		Cash	Hedge	Contract				
Poor Prices	0.1		2.43	2.80	2.31	0.00	0.00		
Weak Prices	0.2		2.8	2.55	2.89	0.00	0.00		
Average Prices	0.4		3.8	2.60	2.43	0.00	0.00		
Good Prices	0.2		3.22	2.33	2.58	0.00	0.00		
High Prices	0.1	0	5.4	3.22	3.65	0.00	0.00		
Total Probability	1.00	Prob	abilities must ad	d to 1					



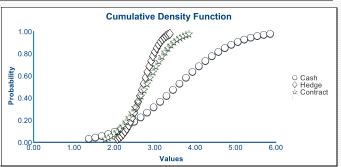
Payoff Matrix	Compare Profiles	Risk Indexing	Risk Ranker	Help	Save, Load, Delete
	acity from ations (DDF) and a		ion (CDF) shows to some		

Use the probability density function (PDF) and cumulative proability function (CDF) charts to comapre profiles

Probability	Cash	Hedge	Contract		
0.1	2.43	2.80	2.31	0.00	0.00
0.2	2.8	2.55	2.89	0.00	0.00
0.4	3.8	2.60	2.43	0.00	0.00
0.2	3.22	2.33	2.58	0.00	0.00
0.1	5.4	3.22	3.65	0.00	0.00



Statistics	Cash	Hedge	Contract		
Mean	3.53	2.70	2.77	0.00	0.00
Variance	1.35	0.11	0.29	0.00	0.00
Standard Deviation	1.16	0.34	0.54	0.00	0.00
Coefficient of Variation	3.04	8.05	5.17	NaN	NaN
Max	5.40	3.22	3.65	0.00	0.00
Min	2.43	2.33	2.31	0.00	0.00





RISKINA		RISK Ranker						
Payoff Matrix	Compare P	rofiles Risk Indexing	Risk Ranker		Help		Save, Load, Delete	
ls your risk pr	emium large	enough to justify risk and	alysis?					
Probability	Cash		Somewhat risk averse	Risl	k Indexing I	Results	Highly risl averse	
0.1	2.43	Risk Preference	0.5	1	2	3	4	
0.2	2.8	Certainty Equivalent (CE) Risk Premium (RP)	3.46 0.04	3.42 0.08	3.35 0.15	3.29 0.22	3.23 0.27	
0.4	3.8	CE Index (% of EV) RP Index (% of EV)	99% 1%	98% 2%	96% 4%	94% 6%	92% 8%	
0.2	3.22	Et Masx (% of Ev)	1 70	270	170	0 70	0 70	
0.1		Compare your CE + RP to the exbelow based on your own risk as Expected Value (EV)						



Payoff Matrix Compare Profiles Risk Indexing Risk Ranker Help Save, Load, Delete

Select the risk index for general infromation

Risk Index

Maximize Expected Value Maxmax Index Maximum Likelihood (Modal) Index Minimax Regret The Hurwicz Index Maxmin Index

The expected value is the weighted sum of the outcomes using the probabilities of occurrence as the weights. The expected value is what you would expect to average over a long period of time. A risk-neutral person would base their choice on the expected value. This person would not be concerned with the variability in the outcomes, but rather the expected return over the long haul. We can compute the expected value of rainfall as follows: 0.25 chance of 10 inches/year, 0.50 chance of 15 inches/year and 0.25 chance of 20 inches = 0.25x10 + 0.5x15 + 0.25x 20 = 15.

If no risk index appeals to you, you may select the Most Indices option in the Results. Most Indices option is the mode of ranking.

Results

Select your preferred risk index and find the ranking in Risk Index table below. 1 means the best alternative (least risk) based of the index and 5 means the worse alternative (most risk). When there disagreement between risk indices you may use the mode (last raw in the table for ranking.

Risk Index	Cash	Hedge	Contract		
Maximum Expected Value	1	3	2	4	4
Maxmax Index	1	3	2	4	4
Maximum Likelihood (Modal) Index	1	2	3	4	4
Minimax Regret	1	3	2	4	4
The Hurwicz Index	1	3	2	4	4
Maxmin Index	1	2	3	4	4
Laplace Insufficient Reason Index	1	3	2	4	4
Mode	1	3	2	4	4