

Experiments on compound risk in relation to simple risk and to ambiguity

Data listing from Studies 1 and 2

The tables in Section 1 and 2 report the certainty equivalents collected for Study 1 and 2, respectively.
Abbreviations:

- CR: “compound risk”
- R: “simple risk”
- A: “ambiguity”

1 Data from Study 1

Subject	Simple risk			Hypergeometric CR			CR with degenerate second stage			Order treatment 1: R, CR 2: CR, R	Sophistication 1=engineer 0=non-engineer
	1/12	1/2	11/12	1/12	1/2	11/12	1/12	1/2	11/12		
1	16.5	35.5	37.5	14.5	14.5	36.5	6.5	35.5	46.5	1	0
2	14.5	18.5	45.5	10.5	13.5	35.5	25.5	25.5	39.5	2	0
3	10.5	29.5	49.5	4.5	22.5	34.5	12.5	24.5	49.5	1	0
4	6.5	24.5	44.5	10.5	24.5	44.5	7.5	25.5	46.5	2	0
5	4.5	9.5	39.5	4.5	9.5	10.5	4.5	9.5	39.5	1	0
6	7.5	17.5	27.5	6.5	14.5	23.5	20.5	14.5	31.5	2	0
7	5.5	24.5	45.5	4.5	24.5	44.5	4.5	24.5	44.5	1	0
8	10.5	27.5	36.5	3.5	25.5	14.5	5.5	23.5	33.5	2	0
9	3.5	15.5	36.5	2.5	15.5	26.5	2.5	22.5	6.5	1	0
10	37.5	37.5	15.5	22.5	20.5	38.5	28.5	38.5	34.5	2	0
11	2.5	2.5	11.5	2.5	2.5	40.5	0.5	2.5	12.5	1	0
12	29.5	39.5	12.5	23.5	22.5	33.5	18.5	34.5	21.5	2	0
13	4.5	9.5	29.5	4.5	9.5	29.5	4.5	9.5	29.5	1	0
14	4.5	20.5	42.5	4.5	11.5	40.5	3.5	20.5	14.5	2	0
15	4.5	24.5	49.5	4.5	24.5	45.5	4.5	24.5	45.5	1	0
16	2.5	13.5	45.5	13.5	13.5	13.5	3.5	13.5	13.5	2	0
17	7.5	24.5	47.5	3.5	25.5	46.5	7.5	25.5	48.5	1	0
18	5.5	25.5	37.5	10.5	20.5	35.5	10.5	25.5	35.5	2	0
19	20.5	23.5	44.5	0.5	9.5	13.5	0.5	20.5	46.5	1	0
20	2.5	25.5	48.5	12.5	25.5	44.5	13.5	25.5	48.5	2	0
21	14.5	25.5	47.5	28.5	14.5	49.5	25.5	25.5	47.5	1	0
22	1.5	14.5	34.5	1.5	14.5	34.5	2.5	14.5	34.5	2	0
23	14.5	30.5	14.5	4.5	12.5	30.5	5.5	20.5	40.5	1	0
24	0.5	3.5	4.5	2.5	6.5	13.5	1.5	4.5	22.5	2	0
25	4.5	24.5	34.5	4.5	14.5	26.5	1.5	14.5	39.5	1	0
26	15.5	35.5	34.5	25.5	12.5	36.5	5.5	22.5	22.5	2	0
27	6.5	15.5	34.5	5.5	10.5	20.5	4.5	15.5	34.5	1	0
28	1.5	13.5	19.5	5.5	11.5	20.5	4.5	14.5	19.5	2	0
29	5.5	24.5	45.5	5.5	21.5	47.5	4.5	19.5	45.5	1	0
30	4.5	13.5	35.5	13.5	20.5	35.5	4.5	14.5	24.5	2	0
31	9.5	20.5	34.5	9.5	24.5	34.5	9.5	24.5	39.5	1	0
32	5.5	9.5	34.5	10.5	9.5	14.5	10.5	9.5	14.5	2	0
33	4.5	24.5	46.5	2.5	24.5	42.5	4.5	24.5	46.5	1	0
34	4.5	0.5	26.5	3.5	7.5	0.5	0.5	0.5	0.5	2	0
38	10.5	25.5	49.5	10.5	25.5	44.5	14.5	35.5	44.5	2	1
39	4.5	20.5	40.5	5.5	20.5	40.5	4.5	20.5	40.5	1	1
40	0.5	24.5	45.5	0.5	24.5	49.5	5.5	24.5	44.5	2	1
41	2.5	24.5	37.5	2.5	14.5	37.5	3.5	20.5	37.5	1	1
42	5.5	20.5	45.5	9.5	25.5	39.5	10.5	15.5	45.5	2	1
43	11.5	19.5	42.5	9.5	15.5	45.5	10.5	14.5	35.5	1	1
45	5.5	16.5	40.5	5.5	4.5	14.5	5.5	15.5	48.5	1	1

Subject	Simple Risk			Hypergeometric CR			CR with degenerate second stage			Order treatment 1: R, CR 2: CR, R	Sophistication 1=engineer 0=non-engineer
	1/12	1/2	11/12	1/12	1/2	11/12	1/12	1/2	11/12		
46	2.5	12.5	33.5	13.5	11.5	23.5	5.5	6.5	31.5	2	1
47	4.5	25.5	46.5	0.5	25.5	48.5	4.5	25.5	46.5	1	1
50	0.5	13.5	39.5	0.5	14.5	13.5	13.5	13.5	13.5	2	1
51	4.5	25.5	49.5	4.5	14.5	44.5	9.5	24.5	44.5	1	1
53	8.5	27.5	45.5	12.5	27.5	46.5	12.5	27.5	45.5	1	1
54	4.5	24.5	45.5	4.5	24.5	45.5	4.5	24.5	45.5	2	1
55	14.5	24.5	40.5	14.5	20.5	24.5	14.5	24.5	34.5	1	1
56	4.5	9.5	24.5	1.5	9.5	17.5	5.5	11.5	34.5	2	1
57	4.5	24.5	44.5	0.5	22.5	22.5	3.5	24.5	44.5	1	1
58	0.5	4.5	4.5	14.5	22.5	4.5	4.5	5.5	4.5	2	1
59	19.5	40.5	49.5	10.5	49.5	49.5	25.5	45.5	49.5	1	1
60	5.5	10.5	49.5	5.5	10.5	49.5	5.5	5.5	38.5	2	1
63	9.5	24.5	40.5	7.5	34.5	40.5	7.5	25.5	45.5	1	1
65	14.5	25.5	45.5	4.5	23.5	35.5	13.5	25.5	46.5	1	1
66	44.5	24.5	44.5	24.5	24.5	24.5	24.5	25.5	24.5	2	1
67	27.5	30.5	34.5	23.5	25.5	25.5	24.5	25.5	33.5	1	1
68	5.5	14.5	39.5	5.5	9.5	34.5	5.5	9.5	29.5	2	1
69	9.5	25.5	29.5	9.5	29.5	33.5	9.5	25.5	40.5	1	1
70	33.5	7.5	18.5	20.5	24.5	21.5	10.5	35.5	29.5	2	1
71	3.5	22.5	46.5	2.5	13.5	46.5	3.5	22.5	44.5	1	1
72	4.5	25.5	46.5	7.5	25.5	46.5	9.5	25.5	46.5	2	1
73	5.5	25.5	46.5	5.5	25.5	47.5	5.5	25.5	46.5	1	1
85	9.5	25.5	44.5	10.5	25.5	44.5	10.5	25.5	44.5	1	1
86	5.5	35.5	46.5	6.5	34.5	45.5	5.5	36.5	42.5	2	1
87	25.5	34.5	25.5	5.5	22.5	45.5	6.5	35.5	45.5	1	1
88	12.5	32.5	44.5	23.5	36.5	42.5	15.5	36.5	46.5	2	1
89	7.5	34.5	44.5	4.5	25.5	39.5	7.5	34.5	44.5	1	1
90	5.5	32.5	45.5	9.5	34.5	45.5	13.5	32.5	34.5	2	1
91	24.5	34.5	49.5	4.5	24.5	45.5	44.5	24.5	49.5	1	1
92	0.5	5.5	12.5	2.5	7.5	34.5	3.5	3.5	11.5	2	1
93	5.5	25.5	35.5	5.5	35.5	39.5	5.5	25.5	39.5	1	1
94	19.5	34.5	44.5	19.5	34.5	44.5	14.5	35.5	41.5	2	1
95	8.5	28.5	30.5	7.5	25.5	40.5	7.5	24.5	38.5	1	1
96	14.5	27.5	34.5	14.5	31.5	47.5	14.5	31.5	21.5	2	1
97	4.5	19.5	41.5	1.5	24.5	48.5	4.5	9.5	41.5	1	1
99	0.5	5.5	22.5	0.5	1.5	5.5	0.5	5.5	22.5	1	1
100	4.5	29.5	39.5	4.5	25.5	39.5	4.5	27.5	44.5	2	1
101	8.5	22.5	34.5	11.5	22.5	38.5	16.5	24.5	47.5	1	1
102	4.5	25.5	44.5	5.5	25.5	43.5	5.5	26.5	44.5	2	1
103	13.5	22.5	36.5	12.5	26.5	31.5	13.5	23.5	34.5	1	1
104	1.5	17.5	29.5	2.5	16.5	40.5	2.5	19.5	46.5	2	1
105	3.5	19.5	39.5	4.5	19.5	38.5	3.5	19.5	39.5	1	1
106	4.5	21.5	44.5	4.5	9.5	19.5	3.5	24.5	34.5	2	0
107	8.5	24.5	40.5	8.5	24.5	41.5	8.5	24.5	40.5	1	0
108	20.5	41.5	49.5	29.5	44.5	28.5	35.5	42.5	45.5	2	0
109	47.5	47.5	47.5	44.5	46.5	45.5	46.5	46.5	45.5	1	0
110	10.5	30.5	48.5	35.5	35.5	39.5	0.5	36.5	49.5	2	0
111	5.5	24.5	44.5	8.5	24.5	45.5	4.5	23.5	45.5	1	0

2 Data from Study 2

Subject	Simple risk	Ambiguity	Diverse uniform CR	CR with degenerate second stage	Hypergeometric CR	Order treatment 1: R, A, CR 2: R, CR, A 3: A, R, CR 4: A, CR, R 5: CR, R, A 6: CR, A, R	Sophistication 1= engineer 0=non-engineer
47	29.5	19.5	35.5	36.5	36.5	5	0
48	24.5	24.5	24.5	24.5	24.5	6	0
49	20.5	15.5	22.5	22.5	22.5	1	0
50	43.5	23.5	23.5	33.5	23.5	2	0
51	24.5	24.5	34.5	20.5	19.5	3	0
52	25.5	25.5	21.5	30.5	20.5	4	0
53	30.5	14.5	27.5	20.5	15.5	5	0
54	14.5	3.5	3.5	13.5	14.5	6	0
55	24.5	24.5	24.5	24.5	24.5	1	0
56	4.5	14.5	24.5	24.5	33.5	2	0
57	19.5	19.5	15.5	19.5	23.5	3	0
59	9.5	11.5	24.5	24.5	19.5	5	0
60	12.5	3.5	11.5	11.5	13.5	6	0
61	39.5	39.5	39.5	39.5	39.5	1	0
62	14.5	24.5	24.5	24.5	24.5	2	0
63	12.5	13.5	9.5	3.5	4.5	3	0
64	25.5	14.5	33.5	34.5	18.5	4	0
65	11.5	8.5	13.5	12.5	13.5	5	0
66	37.5	28.5	23.5	32.5	21.5	6	0
67	25.5	21.5	25.5	24.5	25.5	1	0
68	24.5	24.5	14.5	14.5	24.5	2	0
69	35.5	25.5	10.5	24.5	25.5	3	0
70	12.5	14.5	35.5	12.5	23.5	4	0
71	14.5	14.5	14.5	24.5	24.5	5	0
72	37.5	34.5	35.5	27.5	24.5	6	0
73	24.5	24.5	24.5	24.5	24.5	1	0
74	12.5	12.5	12.5	9.5	12.5	2	0
75	34.5	41.5	46.5	46.5	37.5	3	0
76	2.5	12.5	11.5	10.5	9.5	4	0
77	24.5	15.5	17.5	12.5	17.5	5	0
78	14.5	14.5	23.5	14.5	15.5	6	0
79	33.5	24.5	37.5	34.5	35.5	1	1
80	49.5	49.5	49.5	25.5	39.5	2	1
81	25.5	36.5	37.5	27.5	35.5	3	1
82	39.5	35.5	39.5	39.5	39.5	4	1
83	34.5	14.5	22.5	24.5	26.5	5	1
84	16.5	24.5	21.5	24.5	17.5	6	1
85	49.5	45.5	49.5	46.5	49.5	1	1
86	35.5	12.5	12.5	45.5	26.5	2	1
87	29.5	24.5	20.5	35.5	29.5	3	1
88	33.5	23.5	22.5	23.5	26.5	4	1
89	24.5	34.5	25.5	24.5	25.5	5	1
90	39.5	30.5	29.5	30.5	29.5	6	1
91	19.5	14.5	11.5	24.5	15.5	1	1
92	32.5	35.5	35.5	35.5	35.5	2	1
93	15.5	19.5	13.5	24.5	24.5	3	1
94	25.5	30.5	24.5	24.5	25.5	4	1
95	27.5	19.5	25.5	25.5	32.5	5	1

Subject	Simple risk	Ambiguity	Diverse uniform CR	CR with degenerate second stage	Hypergeometric CR	Order treatment 1: R, A, CR 2: R, CR, A 3: A, R, CR 4: A, CR, R 5: CR, R, A 6: CR, A, R	Sophistication 1= engineer 0=non-engineer
96	29.5	20.5	26.5	27.5	23.5	6	1
97	28.5	27.5	40.5	27.5	19.5	1	1
98	28.5	14.5	29.5	27.5	27.5	2	1
99	25.5	29.5	15.5	24.5	21.5	3	1
100	19.5	19.5	19.5	19.5	10.5	4	1
101	34.5	29.5	27.5	34.5	21.5	5	1
103	34.5	20.5	14.5	47.5	27.5	1	1
104	25.5	15.5	30.5	25.5	30.5	2	1
105	12.5	24.5	33.5	23.5	14.5	3	1
106	25.5	25.5	25.5	25.5	12.5	4	1
107	16.5	17.5	24.5	22.5	17.5	5	1
108	24.5	24.5	35.5	24.5	24.5	6	1
109	20.5	20.5	20.5	20.5	20.5	1	1
110	27.5	25.5	27.5	27.5	27.5	2	1
111	40.5	34.5	39.5	39.5	39.5	3	1
112	24.5	25.5	24.5	19.5	33.5	4	1
113	14.5	12.5	24.5	15.5	17.5	5	1
114	24.5	23.5	35.5	33.5	33.5	6	1
115	27.5	22.5	30.5	27.5	27.5	1	1
116	15.5	10.5	10.5	12.5	10.5	2	1
117	33.5	31.5	31.5	30.5	27.5	3	1
118	34.5	34.5	34.5	24.5	34.5	4	1
119	30.5	24.5	20.5	30.5	30.5	5	1
120	30.5	15.5	24.5	20.5	29.5	6	1
121	40.5	40.5	40.5	40.5	40.5	1	1
122	24.5	24.5	24.5	24.5	24.5	2	1
123	24.5	24.5	22.5	23.5	19.5	3	1
124	35.5	25.5	16.5	35.5	25.5	4	1
125	33.5	22.5	34.5	24.5	22.5	5	1
126	24.5	24.5	24.5	19.5	24.5	6	1
127	24.5	14.5	20.5	24.5	19.5	1	1
128	24.5	24.5	24.5	24.5	24.5	2	1
129	22.5	20.5	27.5	24.5	15.5	3	1
130	25.5	13.5	25.5	25.5	22.5	4	1
131	25.5	12.5	17.5	25.5	23.5	5	1
132	45.5	36.5	39.5	44.5	39.5	6	1
133	24.5	9.5	24.5	24.5	24.5	1	1
134	18.5	18.5	18.5	18.5	18.5	2	1
135	34.5	18.5	29.5	34.5	21.5	3	1
136	34.5	43.5	36.5	34.5	24.5	4	1
137	49.5	49.5	49.5	49.5	49.5	5	0
138	30.5	34.5	20.5	27.5	33.5	6	0
139	14.5	14.5	13.5	13.5	23.5	1	0
140	18.5	15.5	23.5	20.5	14.5	2	0
141	24.5	17.5	14.5	7.5	15.5	3	0
142	36.5	35.5	35.5	35.5	35.5	4	0
143	24.5	24.5	24.5	24.5	14.5	5	0
144	24.5	34.5	24.5	34.5	24.5	6	0
145	24.5	24.5	24.5	24.5	24.5	1	0
146	34.5	24.5	44.5	34.5	25.5	2	1

Subject	Simple risk	Ambiguity	Diverse uniform CR	CR with degenerate second stage	Hypergeometric CR	Order treatment 1: R, A, CR 2: R, CR, A 3: A, R, CR 4: A, CR, R 5: CR, R, A 6: CR, A, R	Sophistication 1= engineer 0=non-engineer
147	22.5	13.5	13.5	25.5	13.5	3	1
148	34.5	24.5	34.5	34.5	29.5	4	1
149	31.5	5.5	16.5	25.5	4.5	5	1
150	39.5	35.5	26.5	45.5	36.5	6	1
151	22.5	17.5	22.5	21.5	19.5	1	1
152	26.5	30.5	29.5	30.5	28.5	2	1
153	24.5	20.5	34.5	14.5	20.5	3	1
154	32.5	32.5	32.5	32.5	32.5	4	1
155	25.5	49.5	16.5	14.5	40.5	5	1
156	24.5	9.5	4.5	24.5	14.5	6	1
157	25.5	25.5	25.5	25.5	25.5	1	1
158	34.5	35.5	35.5	23.5	35.5	2	1
159	21.5	9.5	11.5	21.5	21.5	3	1
160	49.5	9.5	36.5	39.5	9.5	4	1
161	24.5	4.5	19.5	19.5	19.5	5	1
162	25.5	15.5	25.5	25.5	25.5	6	1
163	28.5	28.5	25.5	28.5	25.5	1	1