Modus	Modus	Conditional	Conditional	Conditional	Conditional	Conditional	Conditional	Conditional	Conditional	Conditional	Conditional	Conditional	Conditional	Conditional	Conditional	Conditional	Conditional	Exclusive	Exclusive	Exclusive	Exclusive	Exclusive	Exclusive	Exclusive	Exclusive
ID	**8-digit summary**	**(P + Q + R) is possible = if (P + Q) not-then notR**	**(P + Q + notR) is possible = if (P + Q) not-then R**	**(P + notQ + R) is possible = if (P + notQ) not-then notR**	**(P + notQ + notR) is possible = if (P + notQ) not-then R**	**(notP + Q + R) is possible = if (notP + Q) not-then notR**	**(notP + Q + notR) is possible = if (notP + Q) not-then R**	**(notP + notQ + R) is possible = if (notP + notQ) not-then notR**	**(notP + notQ + notR) is possible = if (notP + notQ) not-then R**	**(P + Q + R) is impossible = if (P + Q) then notR**	**(P + Q + notR) is impossible = if (P + Q) then R**	**(P + notQ + R) is impossible = if (P + notQ) then notR**	**(P + notQ + notR) is impossible = if (P + notQ) then R**	**(notP + Q + R) is impossible = if (notP + Q) then notR**	**(notP + Q + notR) is impossible = if (notP + Q) then R**	**(notP + notQ + R) is impossible = if (notP + notQ) then notR**	**(notP + notQ + notR) is impossible = if (notP + notQ) then R**	**exclusive partial causation (p ex) PQR**	**exclusive contingent causation (q ex) PQR**	**exclusive partial causation (p ex) PnotQR**	**exclusive contingent causation (q ex) PnotQR**	**exclusive partial causation (p ex) PQnotR (prevention PQR)**	**exclusive contingent causation (q ex) PQnotR (prevention PQR)**	**exclusive partial causation (p ex) PnotQnotR (prevention PnotQR)**	**exclusive contingent causation (q ex) PnotQnotR (prevention PnotQR)**
1	0																								
2	1								2	2	2	2	2	2	2	2									
3	10							3		3	3	3	3	3	3		3								
4	11							4	4	4	4	4	4	4	4										
5	100						5			5	5	5	5	5		5	5								
6	101						6		6	6	6	6	6	6		6									
7	110						7	7		7	7	7	7	7			7								
8	111						8	8	8	8	8	8	8	8											
9	1000					9				9	9	9	9		9	9	9								
10	1001					10			10	10	10	10	10		10	10									
11	1010					11		11		11	11	11	11		11		11								
12	1011					12		12	12	12	12	12	12		12										
13	1100					13	13			13	13	13	13			13	13								
14	1101					14	14		14	14	14	14	14			14									
15	1110					15	15	15		15	15	15	15				15								
16	1111					16	16	16	16	16	16	16	16												
17	10000				17					17	17	17		17	17	17	17								
18	10001				18				18	18	18	18		18	18	18									
19	10010				19			19		19	19	19		19	19		19								
20	10011				20			20	20	20	20	20		20	20										
21	10100				21		21			21	21	21		21		21	21								
22	10101				22		22		22	22	22	22		22		22									
23	10110				23		23	23		23	23	23		23			23								
24	10111				24		24	24	24	24	24	24		24											
25	11000				25	25				25	25	25			25	25	25								
26	11001				26	26			26	26	26	26			26	26									
27	11010				27	27		27		27	27	27			27		27								
28	11011				28	28		28	28	28	28	28			28										
29	11100				29	29	29			29	29	29				29	29								
30	11101				30	30	30		30	30	30	30				30									
31	11110				31	31	31	31		31	31	31					31								
32	11111				32	32	32	32	32	32	32	32													
33	100000			33						33	33		33	33	33	33	33								
34	100001			34					34	34	34		34	34	34	34									
35	100010			35				35		35	35		35	35	35		35								
36	100011			36				36	36	36	36		36	36	36										
37	100100			37			37			37	37		37	37		37	37								
38	100101			38			38		38	38	38		38	38		38									
39	100110			39			39	39		39	39		39	39			39								
40	100111			40			40	40	40	40	40		40	40											
41	101000			41		41				41	41		41		41	41	41								
42	101001			42		42			42	42	42		42		42	42									
43	101010			43		43		43		43	43		43		43		43								
44	101011			44		44		44	44	44	44		44		44										
45	101100			45		45	45			45	45		45			45	45								
46	101101			46		46	46		46	46	46		46			46									
47	101110			47		47	47	47		47	47		47				47								
48	101111			48		48	48	48	48	48	48		48												
49	110000			49	49					49	49			49	49	49	49								
50	110001			50	50				50	50	50			50	50	50									
51	110010			51	51			51		51	51			51	51		51								
52	110011			52	52			52	52	52	52			52	52										
53	110100			53	53		53			53	53			53		53	53								
54	110101			54	54		54		54	54	54			54		54									
55	110110			55	55		55	55		55	55			55			55								
56	110111			56	56		56	56	56	56	56			56											
57	111000			57	57	57				57	57				57	57	57								
58	111001			58	58	58			58	58	58				58	58									
59	111010			59	59	59		59		59	59				59		59								
60	111011			60	60	60		60	60	60	60				60										
61	111100			61	61	61	61			61	61					61	61								
62	111101			62	62	62	62		62	62	62					62									
63	111110			63	63	63	63	63		63	63						63								
64	111111			64	64	64	64	64	64	64	64														
65	1000000		65							65		65	65	65	65	65	65								
66	1000001		66						66	66		66	66	66	66	66									
67	1000010		67					67		67		67	67	67	67		67								
68	1000011		68					68	68	68		68	68	68	68										
69	1000100		69				69			69		69	69	69		69	69								
70	1000101		70				70		70	70		70	70	70		70									
71	1000110		71				71	71		71		71	71	71			71								
72	1000111		72				72	72	72	72		72	72	72											
73	1001000		73			73				73		73	73		73	73	73								
74	1001001		74			74			74	74		74	74		74	74									
75	1001010		75			75		75		75		75	75		75		75								
76	1001011		76			76		76	76	76		76	76		76										
77	1001100		77			77	77			77		77	77			77	77								
78	1001101		78			78	78		78	78		78	78			78									
79	1001110		79			79	79	79		79		79	79				79								
80	1001111		80			80	80	80	80	80		80	80												
81	1010000		81		81					81		81		81	81	81	81								
82	1010001		82		82				82	82		82		82	82	82									

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Modus	Modus	Conditional	Conditional	Conditional	Conditional	Conditional	Conditional	Conditional	Conditional	Conditional	Conditional	Conditional	Conditional	Conditional	Conditional	Conditional	Conditional	Exclusive	Exclusive	Exclusive	Exclusive	Exclusive	Exclusive	Exclusive	Exclusive
ID	**8-digit summary**	**(P + Q + R) is possible = if (P + Q) not-then notR**	**(P + Q + notR) is possible = if (P + Q) not-then R**	**(P + notQ + R) is possible = if (P + notQ) not-then notR**	**(P + notQ + notR) is possible = if (P + notQ) not-then R**	**(notP + Q + R) is possible = if (notP + Q) not-then notR**	**(notP + Q + notR) is possible = if (notP + Q) not-then R**	**(notP + notQ + R) is possible = if (notP + notQ) not-then notR**	**(notP + notQ + notR) is possible = if (notP + notQ) not-then R**	**(P + Q + R) is impossible = if (P + Q) then notR**	**(P + Q + notR) is impossible = if (P + Q) then R**	**(P + notQ + R) is impossible = if (P + notQ) then notR**	**(P + notQ + notR) is impossible = if (P + notQ) then R**	**(notP + Q + R) is impossible = if (notP + Q) then notR**	**(notP + Q + notR) is impossible = if (notP + Q) then R**	**(notP + notQ + R) is impossible = if (notP + notQ) then notR**	**(notP + notQ + notR) is impossible = if (notP + notQ) then R**	**exclusive partial causation (p ex) PQR**	**exclusive contingent causation (q ex) PQR**	**exclusive partial causation (p ex) PnotQR**	**exclusive contingent causation (q ex) PnotQR**	**exclusive partial causation (p ex) PQnotR (prevention PQR)**	**exclusive contingent causation (q ex) PQnotR (prevention PQR)**	**exclusive partial causation (p ex) PnotQnotR (prevention PnotQR)**	**exclusive contingent causation (q ex) PnotQnotR (prevention PnotQR)**
83	1010010		83		83			83		83		83		83	83		83								
84	1010011		84		84			84	84	84		84		84	84										
85	1010100		85		85		85			85		85		85		85	85								
86	1010101		86		86		86		86	86		86		86		86									
87	1010110		87		87		87	87		87		87		87			87						87		
88	1010111		88		88		88	88	88	88		88		88											
89	1011000		89		89	89				89		89			89	89	89								
90	1011001		90		90	90			90	90		90			90	90									90
91	1011010		91		91	91		91		91		91			91		91								
92	1011011		92		92	92		92	92	92		92			92										
93	1011100		93		93	93	93			93		93				93	93								
94	1011101		94		94	94	94		94	94		94				94									
95	1011110		95		95	95	95	95		95		95					95								
96	1011111		96		96	96	96	96	96	96		96													
97	1100000		97	97						97			97	97	97	97	97								
98	1100001		98	98					98	98			98	98	98	98									
99	1100010		99	99				99		99			99	99	99		99								
100	1100011		100	100				100	100	100			100	100	100										
101	1100100		101	101			101			101			101	101		101	101								
102	1100101		102	102			102		102	102			102	102		102				102					
103	1100110		103	103			103	103		103			103	103			103								
104	1100111		104	104			104	104	104	104			104	104											
105	1101000		105	105		105				105			105		105	105	105								
106	1101001		106	106		106			106	106			106		106	106									
107	1101010		107	107		107		107		107			107		107		107					107			
108	1101011		108	108		108		108	108	108			108		108										
109	1101100		109	109		109	109			109			109			109	109								
110	1101101		110	110		110	110		110	110			110			110									
111	1101110		111	111		111	111	111		111			111				111								
112	1101111		112	112		112	112	112	112	112			112												
113	1110000		113	113	113					113				113	113	113	113								
114	1110001		114	114	114				114	114				114	114	114									
115	1110010		115	115	115			115		115				115	115		115								
116	1110011		116	116	116			116	116	116				116	116										
117	1110100		117	117	117		117			117				117		117	117								
118	1110101		118	118	118		118		118	118				118		118									
119	1110110		119	119	119		119	119		119				119			119								
120	1110111		120	120	120		120	120	120	120				120											
121	1111000		121	121	121	121				121					121	121	121								
122	1111001		122	122	122	122			122	122					122	122									
123	1111010		123	123	123	123		123		123					123		123								
124	1111011		124	124	124	124		124	124	124					124										
125	1111100		125	125	125	125	125			125						125	125								
126	1111101		126	126	126	126	126		126	126						126									
127	1111110		127	127	127	127	127	127		127							127								
128	1111111		128	128	128	128	128	128	128	128															
129	10000000	129									129	129	129	129	129	129	129								
130	10000001	130							130		130	130	130	130	130	130									
131	10000010	131						131			131	131	131	131	131		131								
132	10000011	132						132	132		132	132	132	132	132										
133	10000100	133					133				133	133	133	133		133	133								
134	10000101	134					134		134		134	134	134	134		134									
135	10000110	135					135	135			135	135	135	135			135								
136	10000111	136					136	136	136		136	136	136	136											
137	10001000	137				137					137	137	137		137	137	137								
138	10001001	138				138			138		138	138	138		138	138									
139	10001010	139				139		139			139	139	139		139		139								
140	10001011	140				140		140	140		140	140	140		140										
141	10001100	141				141	141				141	141	141			141	141								
142	10001101	142				142	142		142		142	142	142			142									
143	10001110	143				143	143	143			143	143	143				143								
144	10001111	144				144	144	144	144		144	144	144												
145	10010000	145			145						145	145		145	145	145	145								
146	10010001	146			146				146		146	146		146	146	146									
147	10010010	147			147			147			147	147		147	147		147								
148	10010011	148			148			148	148		148	148		148	148										
149	10010100	149			149		149				149	149		149		149	149								
150	10010101	150			150		150		150		150	150		150		150		150							
151	10010110	151			151		151	151			151	151		151			151								
152	10010111	152			152		152	152	152		152	152		152											
153	10011000	153			153	153					153	153			153	153	153								
154	10011001	154			154	154			154		154	154			154	154									
155	10011010	155			155	155		155			155	155			155		155							155	
156	10011011	156			156	156		156	156		156	156			156										
157	10011100	157			157	157	157				157	157				157	157								
158	10011101	158			158	158	158		158		158	158				158									
159	10011110	159			159	159	159	159			159	159					159								
160	10011111	160			160	160	160	160	160		160	160													
161	10100000	161		161							161		161	161	161	161	161								
162	10100001	162		162					162		162		162	162	162	162									
163	10100010	163		163				163			163		163	163	163		163								
164	10100011	164		164				164	164		164		164	164	164										

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Modus	Modus	Conditional	Conditional	Conditional	Conditional	Conditional	Conditional	Conditional	Conditional	Conditional	Conditional	Conditional	Conditional	Conditional	Conditional	Conditional	Conditional	Exclusive	Exclusive	Exclusive	Exclusive	Exclusive	Exclusive	Exclusive	Exclusive
ID	8-digit summary	(P + Q + R) is possible = if (P + Q) not-then notR	(P + Q + notR) is possible = if (P + Q) not-then R	(P + notQ + R) is possible = if (P + notQ) not-then notR	(P + notQ + notR) is possible = if (P + notQ) not-then R	(notP + Q + R) is possible = if (notP + Q) not-then notR	(notP + Q + R) is possible = if (notP + Q) not-then R	(notP + notQ + R) is possible = if (notP + notQ) not-then notR	(notP + notQ + notR) is possible = if (notP + notQ) not-then R	(P + Q + R) is impossible = if (P + Q) then notR	(P + Q + notR) is impossible = if (P + Q) then R	(P + notQ + R) is impossible = if (P + notQ) then notR	(P + notQ + notR) is impossible = if (P + notQ) then R	(notP + Q + R) is impossible = if (notP + Q) then notR	(notP + Q + notR) is impossible = if (notP + Q) then R	(notP + notQ + R) is impossible = if (notP + notQ) then notR	(notP + notQ + notR) is impossible = if (notP + notQ) then R	exclusive partial causation (p ex) PQR	exclusive contingent causation (q ex) PQR	exclusive partial causation (p ex) PnotQR	exclusive contingent causation (q ex) PnotQR	exclusive partial causation (p ex) PQnotR (prevention PQR)	exclusive contingent causation (q ex) PQnotR (prevention PQR)	exclusive partial causation (p ex) PnotQnotR (prevention PnotQR)	exclusive contingent causation (q ex) PnotQnotR (prevention PnotQR)
165	10100100	165		165			165				165		165	165		165	165								
166	10100101	166		166			166		166		166		166	166		166									
167	10100110	167		167			167	167			167		167	167			167				167				
168	10100111	168		168			168	168	168		168		168	168											
169	10101000	169		169		169					169		169		169	169	169								
170	10101001	170		170		170			170		170		170		170	170			170						
171	10101010	171		171		171		171			171		171		171		171								
172	10101011	172		172		172		172	172		172		172		172										
173	10101100	173		173		173	173				173		173			173	173								
174	10101101	174		174		174	174		174		174		174			174									
175	10101110	175		175		175	175	175			175		175				175								
176	10101111	176		176		176	176	176	176		176		176												
177	10110000	177		177	177						177			177	177	177	177								
178	10110001	178		178	178				178		178			178	178	178									
179	10110010	179		179	179			179			179			179	179		179								
180	10110011	180		180	180			180	180		180			180	180										
181	10110100	181		181	181		181				181			181		181	181								
182	10110101	182		182	182		182		182		182			182		182									
183	10110110	183		183	183		183	183			183			183			183								
184	10110111	184		184	184		184	184	184		184			184											
185	10111000	185		185	185	185					185				185	185	185								
186	10111001	186		186	186	186			186		186				186	186									
187	10111010	187		187	187	187		187			187				187		187								
188	10111011	188		188	188	188		188	188		188				188										
189	10111100	189		189	189	189	189				189					189	189								
190	10111101	190		190	190	190	190		190		190					190									
191	10111110	191		191	191	191	191	191			191						191								
192	10111111	192		192	192	192	192	192	192		192														
193	11000000	193	193									193	193	193	193	193	193								
194	11000001	194	194						194			194	194	194	194	194									
195	11000010	195	195					195				195	195	195	195		195								
196	11000011	196	196					196	196			196	196	196	196										
197	11000100	197	197				197					197	197	197		197	197								
198	11000101	198	198				198		198			198	198	198		198									
199	11000110	199	199				199	199				199	199	199			199								
200	11000111	200	200				200	200	200			200	200	200											
201	11001000	201	201			201						201	201		201	201	201								
202	11001001	202	202			202			202			202	202		202	202									
203	11001010	203	203			203		203				203	203		203		203								
204	11001011	204	204			204		204	204			204	204		204										
205	11001100	205	205			205	205					205	205			205	205								
206	11001101	206	206			206	206		206			206	206			206									
207	11001110	207	207			207	207	207				207	207				207								
208	11001111	208	208			208	208	208	208			208	208												
209	11010000	209	209		209							209		209	209	209	209								
210	11010001	210	210		210				210			210		210	210	210									
211	11010010	211	211		211			211				211		211	211		211								
212	11010011	212	212		212			212	212			212		212	212										
213	11010100	213	213		213		213					213		213		213	213								
214	11010101	214	214		214		214		214			214		214		214									
215	11010110	215	215		215		215	215				215		215			215								
216	11010111	216	216		216		216	216	216			216		216											
217	11011000	217	217		217	217						217			217	217	217								
218	11011001	218	218		218	218			218			218			218	218									
219	11011010	219	219		219	219		219				219			219		219								
220	11011011	220	220		220	220		220	220			220			220										
221	11011100	221	221		221	221	221					221				221	221								
222	11011101	222	222		222	222	222		222			222				222									
223	11011110	223	223		223	223	223	223				223					223								
224	11011111	224	224		224	224	224	224	224			224													
225	11100000	225	225	225									225	225	225	225	225								
226	11100001	226	226	226					226				226	226	226	226									
227	11100010	227	227	227				227					227	227	227		227								
228	11100011	228	228	228				228	228				228	228	228										
229	11100100	229	229	229			229						229	229		229	229								
230	11100101	230	230	230			230		230				230	230		230									
231	11100110	231	231	231			231	231					231	231			231								
232	11100111	232	232	232			232	232	232				232	232											
233	11101000	233	233	233		233							233		233	233	233								
234	11101001	234	234	234		234			234				234		234	234									
235	11101010	235	235	235		235		235					235		235		235								
236	11101011	236	236	236		236		236	236				236		236										
237	11101100	237	237	237		237	237						237			237	237								
238	11101101	238	238	238		238	238		238				238			238									
239	11101110	239	239	239		239	239	239					239				239								
240	11101111	240	240	240		240	240	240	240				240												
241	11110000	241	241	241	241									241	241	241	241								
242	11110001	242	242	242	242				242					242	242	242									
243	11110010	243	243	243	243			243						243	243		243								
244	11110011	244	244	244	244			244	244					244	244										
245	11110100	245	245	245	245		245							245		245	245								
246	11110101	246	246	246	246		246		246					246		246									

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Modus	Modus	Conditional	Conditional	Conditional	Conditional	Conditional	Conditional	Conditional	Conditional	Conditional	Conditional	Conditional	Conditional	Conditional	Conditional	Conditional	Conditional	Exclusive	Exclusive	Exclusive	Exclusive	Exclusive	Exclusive	Exclusive	Exclusive
ID	**8-digit summary**	**(P + Q + R) is possible = if (P + Q) not-then notR**	**(P + Q + notR) is possible = if (P + Q) not-then R**	**(P + notQ + R) is possible = if (P + notQ) not-then notR**	**(P + notQ + notR) is possible = if (P + notQ) not-then R**	**(notP + Q + R) is possible = if (notP + Q) not-then notR**	**(notP + Q + notR) is possible = if (notP + Q) not-then R**	**(notP + notQ + R) is possible = if (notP + notQ) not-then notR**	**(notP + notQ + notR) is possible = if (notP + notQ) not-then R**	**(P + Q + R) is impossible = if (P + Q) then notR**	**(P + Q + notR) is impossible = if (P + Q) then R**	**(P + notQ + R) is impossible = if (P + notQ) then notR**	**(P + notQ + notR) is impossible = if (P + notQ) then R**	**(notP + Q + R) is impossible = if (notP + Q) then notR**	**(notP + Q + notR) is impossible = if (notP + Q) then R**	**(notP + notQ + R) is impossible = if (notP + notQ) then notR**	**(notP + notQ + notR) is impossible = if (notP + notQ) then R**	**exclusive partial causation (p ex) PQR**	**exclusive contingent causation (q ex) PQR**	**exclusive partial causation (p ex) PnotQR**	**exclusive contingent causation (q ex) PnotQR**	**exclusive partial causation (p ex) PQnotR (prevention PQR)**	**exclusive contingent causation (q ex) PQnotR (prevention PQR)**	**exclusive partial causation (p ex) PnotQnotR (prevention PnotQR)**	**exclusive contingent causation (q ex) PnotQnotR (prevention PnotQR)**
247	11110110	247	247	247	247		247	247						247			247								
248	11110111	248	248	248	248		248	248	248					248											
249	11111000	249	249	249	249	249									249	249	249								
250	11111001	250	250	250	250	250			250						250	250									
251	11111010	251	251	251	251	251		251							251		251								
252	11111011	252	252	252	252	252		252	252						252										
253	11111100	253	253	253	253	253	253									253	253								
254	11111101	254	254	254	254	254	254		254							254									
255	11111110	255	255	255	255	255	255	255									255								
256	11111111	256	256	256	256	256	256	256	256																
number of moduses		128	128	128	128	128	128	128	128	127	127	127	127	127	127	127	127	1	1	1	1	1	1	1	1

Modus #s	MATRIX - the 3	Moduses of conditional propositions involving 3 items P, Q, R and their negations	Exclusive weak causation (main forms)

Table 13.15	Table 13.15	Table 13.15	Table 13.15	Table 13.15	Table 13.15	Table 13.15	Table 13.15	Table 13.15	Table 13.15	Table 13.15	Table 13.15	Table 13.15	Table 13.15	Table 13.15	Table 13.15	Table 13.15
ok	ok	ok	ok	ok	ok	ok	ok	ok	ok	ok	ok	ok	ok	ok	ok	ok

Main exclusive forms	Modus	implications	
exclusive partial causation (**p** ex) PQR	150	np rel to Q	of causation
exclusive contingent causation (**q** ex) PQR	170	mq rel to Q	of causation
exclusive partial causation (**p** ex) PnotQR	102	np rel to notQ	of causation
exclusive contingent causation (**q** ex) PnotQR	167	mq rel to notQ	of causation
exclusive partial causation (**p** ex) PQnotR (prevention PQR)	107	np rel to Q	of prevention
exclusive contingent causation (**q** ex) PQnotR (prevention PQR)	87	mq rel to Q	of prevention
exclusive partial causation (**p** ex) PnotQnotR (prevention PnotQR)	155	np rel to notQ	of prevention
exclusive contingent causation (**q** ex) PnotQnotR (prevention PnotQR)	90	mq rel to notQ	of prevention
Inverse exclusive forms	Modus	implications	
exclusive partial causation (**p** ex) notPnotQnotR	170	mq rel to Q	of causation
exclusive contingent causation (**q** ex) notPnotQnotR	150	np rel to Q	of causation
exclusive partial causation (**p** ex) notPQnotR	167	mq rel to notQ	of causation
exclusive contingent causation (**q** ex) notPQnotR	102	np rel to notQ	of causation
exclusive partial causation (**p** ex) notPnotQR (prevention notPnotQnotR)	87	mq rel to Q	of prevention
exclusive contingent causation (**q** ex) notPnotQR (prevention notPnotQnotR)	107	np rel to Q	of prevention
exclusive partial causation (**p** ex) notPQR (prevention notPQnotR)	90	mq rel to notQ	of prevention
exclusive contingent causation (**q** ex) notPQR (prevention notPQnotR)	155	np rel to notQ	of prevention

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