

**FIGURE ONE of Causative Syllogism (abridged list)**

Mood 111 (a) - premises: mn/mn

Q is a complete and necessary cause of R

P is a complete and necessary cause of Q

Positive conclusion(s): mn

P is a complete and necessary cause of R

Mood 112 (a) - premises: mn/mq (abs)

Q is a complete and necessary cause of R

P is a complete and contingent cause of Q

Positive conclusion(s): mq abs

P is a complete and contingent cause of R

Mood 112 (b) - premises: mn/mq (rel to S)

Q is a complete and necessary cause of R

P is a complete and (complemented by S) contingent cause of Q

Positive conclusion(s): mq rel to S

P is a complete and (complemented by S) contingent cause of R

Mood 113 (a) - premises: mn/np (abs)

Q is a complete and necessary cause of R

P is a necessary and partial cause of Q

Positive conclusion(s): np abs

P is a necessary and partial cause of R

Mood 113 (b) - premises: mn/np (rel to S)

Q is a complete and necessary cause of R

P is a necessary and (complemented by S) partial cause of Q

Positive conclusion(s): np rel to S

P is a necessary and (complemented by S) partial cause of R

Mood 114 (a) - premises: mn/pq (abs)

Q is a complete and necessary cause of R

P is a partial and contingent cause of Q

Positive conclusion(s): pq abs

P is a partial and contingent cause of R

Mood 114 (b) - premises: mn/pq (rel to S)

Q is a complete and necessary cause of R

P (complemented by S) is a partial and contingent cause of Q

Positive conclusion(s): pq rel to S

P (complemented by S) is a partial and contingent cause of R

Mood 115 (a) - premises: mn/m

Q is a complete and necessary cause of R

P is a complete cause of Q

Positive conclusion(s): m

P is a complete cause of R

Mood 116 (a) - premises: mn/n

Q is a complete and necessary cause of R

P is a necessary cause of Q

Positive conclusion(s): n

P is a necessary cause of R

Mood 117 (a) - premises: mn/p (abs)

Q is a complete and necessary cause of R

P is a partial cause of Q

Positive conclusion(s): p abs

P is a partial cause of R

Mood 117 (b) - premises: mn/p (rel to S)

Q is a complete and necessary cause of R

P (complemented by S) is a partial cause of Q

Positive conclusion(s): p rel to S

P (complemented by S) is a partial cause of R

Mood 118 (a) - premises: mn/q (abs)

Q is a complete and necessary cause of R

P is a contingent cause of Q

Positive conclusion(s): q abs

P is a contingent cause of R

Mood 118 (b) - premises: mn/q (rel to S)

Q is a complete and necessary cause of R

P (complemented by S) is a contingent cause of Q

Positive conclusion(s): q rel to S

P (complemented by S) is a contingent cause of R

Mood 121 (a) - premises: mq/mn (abs)

Q is a complete and contingent cause of R

P is a complete and necessary cause of Q

Positive conclusion(s): mq abs

P is a complete and contingent cause of R

Mood 121 (c) - premises: mq/mn (rel to S)

Q is a complete and (complemented by S) contingent cause of R

P is a complete and necessary cause of Q

Positive conclusion(s): mq rel to S

P is a complete and (complemented by S) contingent cause of R

Mood 122 (a) - premises: mq/mq (abs / abs)

Q is a complete and contingent cause of R

P is a complete and contingent cause of Q

Positive conclusion(s): mq abs

P is a complete and contingent cause of R

Mood 122 (b) - premises: mq/mq (abs / rel S)

Q is a complete and contingent cause of R

P is a complete and (complemented by S) contingent cause of Q

Positive conclusion(s): mq abs

P is a complete and contingent cause of R

Mood 122 (c) - premises: mq/mq (rel S / abs)

Q is a complete and (complemented by S) contingent cause of R

P is a complete and contingent cause of Q

Positive conclusion(s): mq abs

P is a complete and contingent cause of R

Mood 125 (a) - premises: mq/m (abs)

Q is a complete and contingent cause of R

P is a complete cause of Q

Positive conclusion(s): mq abs

P is a complete and contingent cause of R

Mood 125 (c) - premises: mq/m (rel to S)

Q is a complete and (complemented by S) contingent cause of R

P is a complete cause of Q

Positive conclusion(s): mq abs

P is a complete and contingent cause of R

Mood 131 (a) - premises: np/mn (abs)

Q is a necessary and partial cause of R

P is a complete and necessary cause of Q

Positive conclusion(s): np abs

P is a necessary and partial cause of R

Mood 131 (c) - premises: np/mn (rel to S)

Q is a necessary and (complemented by S) partial cause of R

P is a complete and necessary cause of Q

Positive conclusion(s): np rel to S

P is a necessary and (complemented by S) partial cause of R

Mood 133 (a) - premises: np/np (abs / abs)

Q is a necessary and partial cause of R

P is a necessary and partial cause of Q

Positive conclusion(s): np abs

P is a necessary and partial cause of R

Mood 133 (b) - premises: np/np (abs / rel S)

Q is a necessary and partial cause of R

P is a necessary and (complemented by S) partial cause of Q

Positive conclusion(s): np abs

P is a necessary and partial cause of R

Mood 133 (c) - premises: np/np (rel S / abs)

Q is a necessary and (complemented by S) partial cause of R

P is a necessary and partial cause of Q

Positive conclusion(s): np abs

P is a necessary and partial cause of R

Mood 136 (a) - premises: np/n (abs)

Q is a necessary and partial cause of R

P is a necessary cause of Q

Positive conclusion(s): np abs

P is a necessary and partial cause of R

Mood 136 (c) - premises: np/n (rel to S)

Q is a necessary and (complemented by S) partial cause of R

P is a necessary cause of Q

Positive conclusion(s): np abs

P is a necessary and partial cause of R

Mood 141 (a) - premises: pq/mn (abs)

Q is a partial and contingent cause of R

P is a complete and necessary cause of Q

Positive conclusion(s): pq abs

P is a partial and contingent cause of R

Mood 141 (c) - premises: pq/mn (rel to S)

Q (complemented by S) is a partial and contingent cause of R

P is a complete and necessary cause of Q

Positive conclusion(s): pq rel to S

P (complemented by S) is a partial and contingent cause of R

Mood 151 (a) - premises: m/mn

Q is a complete cause of R

P is a complete and necessary cause of Q

Positive conclusion(s): m

P is a complete cause of R

Mood 152 (a) - premises: m/mq (abs)

Q is a complete cause of R

P is a complete and contingent cause of Q

Positive conclusion(s): mq abs

P is a complete and contingent cause of R

Mood 152 (b) - premises: m/mq (rel to S)

Q is a complete cause of R

P is a complete and (complemented by S) contingent cause of Q

Positive conclusion(s): mq abs

P is a complete and contingent cause of R

Mood 155 (a) - premises: m/m

Q is a complete cause of R

P is a complete cause of Q

Positive conclusion(s): m

P is a complete cause of R

Mood 161 (a) - premises: n/mn

Q is a necessary cause of R

P is a complete and necessary cause of Q

Positive conclusion(s): n

P is a necessary cause of R

Mood 163 (a) - premises: n/np (abs)

Q is a necessary cause of R

P is a necessary and partial cause of Q

Positive conclusion(s): np abs

P is a necessary and partial cause of R

Mood 163 (b) - premises: n/np (rel to S)

Q is a necessary cause of R

P is a necessary and (complemented by S) partial cause of Q

Positive conclusion(s): np abs

P is a necessary and partial cause of R

Mood 166 (a) - premises: n/n

Q is a necessary cause of R

P is a necessary cause of Q

Positive conclusion(s): n

P is a necessary cause of R

Mood 171 (a) - premises: p/mn (abs)

Q is a partial cause of R

P is a complete and necessary cause of Q

Positive conclusion(s): p abs

P is a partial cause of R

Mood 171 (c) - premises: p/mn (rel to S)

Q (complemented by S) is a partial cause of R

P is a complete and necessary cause of Q

Positive conclusion(s): p rel to S

P (complemented by S) is a partial cause of R

Mood 181 (a) - premises: q/mn (abs)

Q is a contingent cause of R

P is a complete and necessary cause of Q

Positive conclusion(s): q abs

P is a contingent cause of R

Mood 181 (c) - premises: q/mn (rel to S)  
 Q (complemented by S) is a contingent cause of R  
 P is a complete and necessary cause of Q  
 Positive conclusion(s): q rel to S  
 P (complemented by S) is a contingent cause of R

**FIGURE TWO of Causative Syllogism (abridged list)**

Mood 211 (a) - premises: mn/mn  
 R is a complete and necessary cause of Q  
 P is a complete and necessary cause of Q  
 Positive conclusion(s): mn  
 P is a complete and necessary cause of R

Mood 212 (a) - premises: mn/mq (abs)  
 R is a complete and necessary cause of Q  
 P is a complete and contingent cause of Q  
 Positive conclusion(s): mq abs  
 P is a complete and contingent cause of R

Mood 212 (b) - premises: mn/mq (rel to S)  
 R is a complete and necessary cause of Q  
 P is a complete and (complemented by S) contingent cause of Q  
 Positive conclusion(s): mq rel to S  
 P is a complete and (complemented by S) contingent cause of R

Mood 213 (a) - premises: mn/np (abs)  
 R is a complete and necessary cause of Q  
 P is a necessary and partial cause of Q  
 Positive conclusion(s): np abs  
 P is a necessary and partial cause of R

Mood 213 (b) - premises: mn/np (rel to S)  
 R is a complete and necessary cause of Q  
 P is a necessary and (complemented by S) partial cause of Q  
 Positive conclusion(s): np rel to S  
 P is a necessary and (complemented by S) partial cause of R

Mood 214 (a) - premises: mn/pq (abs)  
 R is a complete and necessary cause of Q  
 P is a partial and contingent cause of Q  
 Positive conclusion(s): pq abs  
 P is a partial and contingent cause of R

Mood 214 (b) - premises: mn/pq (rel to S)  
 R is a complete and necessary cause of Q  
 P (complemented by S) is a partial and contingent cause of Q  
 Positive conclusion(s): pq rel to S  
 P (complemented by S) is a partial and contingent cause of R

Mood 215 (a) - premises: mn/m

R is a complete and necessary cause of Q

P is a complete cause of Q

Positive conclusion(s): m

P is a complete cause of R

Mood 216 (a) - premises: mn/n

R is a complete and necessary cause of Q

P is a necessary cause of Q

Positive conclusion(s): n

P is a necessary cause of R

Mood 217 (a) - premises: mn/p (abs)

R is a complete and necessary cause of Q

P is a partial cause of Q

Positive conclusion(s): p abs

P is a partial cause of R

Mood 217 (b) - premises: mn/p (rel to S)

R is a complete and necessary cause of Q

P (complemented by S) is a partial cause of Q

Positive conclusion(s): p rel to S

P (complemented by S) is a partial cause of R

Mood 218 (a) - premises: mn/q (abs)

R is a complete and necessary cause of Q

P is a contingent cause of Q

Positive conclusion(s): q abs

P is a contingent cause of R

Mood 218 (b) - premises: mn/q (rel to S)

R is a complete and necessary cause of Q

P (complemented by S) is a contingent cause of Q

Positive conclusion(s): q rel to S

P (complemented by S) is a contingent cause of R

Mood 221 (a) - premises: mq/mn (abs)

R is a complete and contingent cause of Q

P is a complete and necessary cause of Q

Positive conclusion(s): np abs

P is a necessary and partial cause of R

Mood 221 (c) - premises: mq/mn (rel to S)

R is a complete and (complemented by S) contingent cause of Q

P is a complete and necessary cause of Q

Positive conclusion(s): np rel to notS

P (complemented by notS) is a necessary and partial cause of R

Mood 223 (a) - premises: mq/np (abs / abs)

R is a complete and contingent cause of Q

P is a necessary and partial cause of Q

Positive conclusion(s): np abs

P is a necessary and partial cause of R

Mood 223 (b) - premises: mq/np (abs / rel S)

R is a complete and contingent cause of Q

P is a necessary and (complemented by S) partial cause of Q

Positive conclusion(s): np abs

P is a necessary and partial cause of R

Mood 223 (c) - premises: mq/np (rel S / abs)

R is a complete and (complemented by S) contingent cause of Q

P is a necessary and partial cause of Q

Positive conclusion(s): np abs

P is a necessary and partial cause of R

Mood 226 (a) - premises: mq/n (abs)

R is a complete and contingent cause of Q

P is a necessary cause of Q

Positive conclusion(s): np abs

P is a necessary and partial cause of R

Mood 226 (c) - premises: mq/n (rel to S)

R is a complete and (complemented by S) contingent cause of Q

P is a necessary cause of Q

Positive conclusion(s): np abs

P is a necessary and partial cause of R

Mood 231 (a) - premises: np/mn (abs)

R is a necessary and partial cause of Q

P is a complete and necessary cause of Q

Positive conclusion(s): mq abs

P is a complete and contingent cause of R

Mood 231 (c) - premises: np/mn (rel to S)

R is a necessary and (complemented by S) partial cause of Q

P is a complete and necessary cause of Q

Positive conclusion(s): mq rel to notS

P (complemented by notS) is a complete and contingent cause of R

Mood 232 (a) - premises: np/mq (abs / abs)

R is a necessary and partial cause of Q

P is a complete and contingent cause of Q

Positive conclusion(s): mq abs

P is a complete and contingent cause of R



Mood 232 (b) - premises: np/mq (abs / rel S)

R is a necessary and partial cause of Q

P is a complete and (complemented by S) contingent cause of Q

Positive conclusion(s): mq abs

P is a complete and contingent cause of R

Mood 232 (c) - premises: np/mq (rel S / abs)

R is a necessary and (complemented by S) partial cause of Q

P is a complete and contingent cause of Q

Positive conclusion(s): mq abs

P is a complete and contingent cause of R

Mood 235 (a) - premises: np/m (abs)

R is a necessary and partial cause of Q

P is a complete cause of Q

Positive conclusion(s): mq abs

P is a complete and contingent cause of R

Mood 235 (c) - premises: np/m (rel to S)

R is a necessary and (complemented by S) partial cause of Q

P is a complete cause of Q

Positive conclusion(s): mq abs

P is a complete and contingent cause of R

Mood 241 (a) - premises: pq/mn (abs)

R is a partial and contingent cause of Q

P is a complete and necessary cause of Q

Positive conclusion(s): pq abs

P is a partial and contingent cause of R

Mood 241 (c) - premises: pq/mn (rel to S)

R (complemented by S) is a partial and contingent cause of Q

P is a complete and necessary cause of Q

Positive conclusion(s): pq rel to notS

P (complemented by notS) is a partial and contingent cause of R

Mood 251 (a) - premises: m/mn

R is a complete cause of Q

P is a complete and necessary cause of Q

Positive conclusion(s): n

P is a necessary cause of R

Mood 253 (a) - premises: m/np (abs)

R is a complete cause of Q

P is a necessary and partial cause of Q

Positive conclusion(s): np abs

P is a necessary and partial cause of R

Mood 253 (b) - premises: m/np (rel to S)

R is a complete cause of Q

P is a necessary and (complemented by S) partial cause of Q

Positive conclusion(s): np abs

P is a necessary and partial cause of R

Mood 256 (a) - premises: m/n

R is a complete cause of Q

P is a necessary cause of Q

Positive conclusion(s): n

P is a necessary cause of R

Mood 261 (a) - premises: n/mn

R is a necessary cause of Q

P is a complete and necessary cause of Q

Positive conclusion(s): m

P is a complete cause of R

Mood 262 (a) - premises: n/mq (abs)

R is a necessary cause of Q

P is a complete and contingent cause of Q

Positive conclusion(s): mq abs

P is a complete and contingent cause of R

Mood 262 (b) - premises: n/mq (rel to S)

R is a necessary cause of Q

P is a complete and (complemented by S) contingent cause of Q

Positive conclusion(s): mq abs

P is a complete and contingent cause of R

Mood 265 (a) - premises: n/m

R is a necessary cause of Q

P is a complete cause of Q

Positive conclusion(s): m

P is a complete cause of R

Mood 271 (a) - premises: p/mn (abs)

R is a partial cause of Q

P is a complete and necessary cause of Q

Positive conclusion(s): q abs

P is a contingent cause of R

Mood 271 (c) - premises: p/mn (rel to S)

R (complemented by S) is a partial cause of Q

P is a complete and necessary cause of Q

Positive conclusion(s): q rel to notS

P (complemented by notS) is a contingent cause of R

Mood 281 (a) - premises: q/mn (abs)  
 R is a contingent cause of Q  
 P is a complete and necessary cause of Q  
 Positive conclusion(s): p abs  
 P is a partial cause of R

Mood 281 (c) - premises: q/mn (rel to S)  
 R (complemented by S) is a contingent cause of Q  
 P is a complete and necessary cause of Q  
 Positive conclusion(s): p rel to notS  
 P (complemented by notS) is a partial cause of R

**FIGURE THREE of Causative Syllogism (abridged list)**

Mood 311 (a) - premises: mn/mn  
 Q is a complete and necessary cause of R  
 Q is a complete and necessary cause of P  
 Positive conclusion(s): mn  
 P is a complete and necessary cause of R

Mood 312 (a) - premises: mn/mq (abs)  
 Q is a complete and necessary cause of R  
 Q is a complete and contingent cause of P  
 Positive conclusion(s): np abs  
 P is a necessary and partial cause of R

Mood 312 (b) - premises: mn/mq (rel to S)  
 Q is a complete and necessary cause of R  
 Q is a complete and (complemented by S) contingent cause of P  
 Positive conclusion(s): np rel to notS  
 P (complemented by notS) is a necessary and partial cause of R

Mood 313 (a) - premises: mn/np (abs)  
 Q is a complete and necessary cause of R  
 Q is a necessary and partial cause of P  
 Positive conclusion(s): mq abs  
 P is a complete and contingent cause of R

Mood 313 (b) - premises: mn/np (rel to S)  
 Q is a complete and necessary cause of R  
 Q is a necessary and (complemented by S) partial cause of P  
 Positive conclusion(s): mq rel to notS  
 P (complemented by notS) is a complete and contingent cause of R

Mood 314 (a) - premises: mn/pq (abs)  
 Q is a complete and necessary cause of R  
 Q is a partial and contingent cause of P  
 Positive conclusion(s): pq abs  
 P is a partial and contingent cause of R

Mood 314 (b) - premises: mn/pq (rel to S)  
 Q is a complete and necessary cause of R  
 Q (complemented by S) is a partial and contingent cause of P  
 Positive conclusion(s): pq rel to notS  
 P (complemented by notS) is a partial and contingent cause of R

Mood 315 (a) - premises: mn/m  
 Q is a complete and necessary cause of R  
 Q is a complete cause of P  
 Positive conclusion(s): n  
 P is a necessary cause of R

Mood 316 (a) - premises: mn/n  
 Q is a complete and necessary cause of R  
 Q is a necessary cause of P  
 Positive conclusion(s): m  
 P is a complete cause of R

Mood 317 (a) - premises: mn/p (abs)  
 Q is a complete and necessary cause of R  
 Q is a partial cause of P  
 Positive conclusion(s): q abs  
 P is a contingent cause of R

Mood 317 (b) - premises: mn/p (rel to S)  
 Q is a complete and necessary cause of R  
 Q (complemented by S) is a partial cause of P  
 Positive conclusion(s): q rel to notS  
 P (complemented by notS) is a contingent cause of R

Mood 318 (a) - premises: mn/q (abs)  
 Q is a complete and necessary cause of R  
 Q is a contingent cause of P  
 Positive conclusion(s): p abs  
 P is a partial cause of R

Mood 318 (b) - premises: mn/q (rel to S)  
 Q is a complete and necessary cause of R  
 Q (complemented by S) is a contingent cause of P  
 Positive conclusion(s): p rel to notS  
 P (complemented by notS) is a partial cause of R

Mood 321 (a) - premises: mq/mn (abs)  
 Q is a complete and contingent cause of R  
 Q is a complete and necessary cause of P  
 Positive conclusion(s): mq abs  
 P is a complete and contingent cause of R

Mood 321 (c) - premises: mq/mn (rel to S)

Q is a complete and (complemented by S) contingent cause of R

Q is a complete and necessary cause of P

Positive conclusion(s): mq rel to S

P is a complete and (complemented by S) contingent cause of R

Mood 323 (a) - premises: mq/np (abs / abs)

Q is a complete and contingent cause of R

Q is a necessary and partial cause of P

Positive conclusion(s): mq abs

P is a complete and contingent cause of R

Mood 323 (b) - premises: mq/np (abs / rel S)

Q is a complete and contingent cause of R

Q is a necessary and (complemented by S) partial cause of P

Positive conclusion(s): mq abs

P is a complete and contingent cause of R

Mood 323 (c) - premises: mq/np (rel S / abs)

Q is a complete and (complemented by S) contingent cause of R

Q is a necessary and partial cause of P

Positive conclusion(s): mq abs

P is a complete and contingent cause of R

Mood 326 (a) - premises: mq/n (abs)

Q is a complete and contingent cause of R

Q is a necessary cause of P

Positive conclusion(s): mq abs

P is a complete and contingent cause of R

Mood 326 (c) - premises: mq/n (rel to S)

Q is a complete and (complemented by S) contingent cause of R

Q is a necessary cause of P

Positive conclusion(s): mq abs

P is a complete and contingent cause of R

Mood 331 (a) - premises: np/mn (abs)

Q is a necessary and partial cause of R

Q is a complete and necessary cause of P

Positive conclusion(s): np abs

P is a necessary and partial cause of R

Mood 331 (c) - premises: np/mn (rel to S)

Q is a necessary and (complemented by S) partial cause of R

Q is a complete and necessary cause of P

Positive conclusion(s): np rel to S

P is a necessary and (complemented by S) partial cause of R

Mood 332 (a) - premises: np/mq (abs / abs)

Q is a necessary and partial cause of R

Q is a complete and contingent cause of P

Positive conclusion(s): np abs

P is a necessary and partial cause of R

Mood 332 (b) - premises: np/mq (abs / rel S)

Q is a necessary and partial cause of R

Q is a complete and (complemented by S) contingent cause of P

Positive conclusion(s): np abs

P is a necessary and partial cause of R

Mood 332 (c) - premises: np/mq (rel S / abs)

Q is a necessary and (complemented by S) partial cause of R

Q is a complete and contingent cause of P

Positive conclusion(s): np abs

P is a necessary and partial cause of R

Mood 335 (a) - premises: np/m (abs)

Q is a necessary and partial cause of R

Q is a complete cause of P

Positive conclusion(s): np abs

P is a necessary and partial cause of R

Mood 335 (c) - premises: np/m (rel to S)

Q is a necessary and (complemented by S) partial cause of R

Q is a complete cause of P

Positive conclusion(s): np abs

P is a necessary and partial cause of R

Mood 341 (a) - premises: pq/mn (abs)

Q is a partial and contingent cause of R

Q is a complete and necessary cause of P

Positive conclusion(s): pq abs

P is a partial and contingent cause of R

Mood 341 (c) - premises: pq/mn (rel to S)

Q (complemented by S) is a partial and contingent cause of R

Q is a complete and necessary cause of P

Positive conclusion(s): pq rel to S

P (complemented by S) is a partial and contingent cause of R

Mood 351 (a) - premises: m/mn

Q is a complete cause of R

Q is a complete and necessary cause of P

Positive conclusion(s): m

P is a complete cause of R

Mood 353 (a) - premises: m/np (abs)

Q is a complete cause of R

Q is a necessary and partial cause of P

Positive conclusion(s): mq abs

P is a complete and contingent cause of R

Mood 353 (b) - premises: m/np (rel to S)

Q is a complete cause of R

Q is a necessary and (complemented by S) partial cause of P

Positive conclusion(s): mq abs

P is a complete and contingent cause of R

Mood 356 (a) - premises: m/n

Q is a complete cause of R

Q is a necessary cause of P

Positive conclusion(s): m

P is a complete cause of R

Mood 361 (a) - premises: n/mn

Q is a necessary cause of R

Q is a complete and necessary cause of P

Positive conclusion(s): n

P is a necessary cause of R

Mood 362 (a) - premises: n/mq (abs)

Q is a necessary cause of R

Q is a complete and contingent cause of P

Positive conclusion(s): np abs

P is a necessary and partial cause of R

Mood 362 (b) - premises: n/mq (rel to S)

Q is a necessary cause of R

Q is a complete and (complemented by S) contingent cause of P

Positive conclusion(s): np abs

P is a necessary and partial cause of R

Mood 365 (a) - premises: n/m

Q is a necessary cause of R

Q is a complete cause of P

Positive conclusion(s): n

P is a necessary cause of R

Mood 371 (a) - premises: p/mn (abs)

Q is a partial cause of R

Q is a complete and necessary cause of P

Positive conclusion(s): p abs

P is a partial cause of R

Mood 371 (c) - premises: p/mn (rel to S)  
Q (complemented by S) is a partial cause of R  
Q is a complete and necessary cause of P  
Positive conclusion(s): p rel to S  
P (complemented by S) is a partial cause of R

Mood 381 (a) - premises: q/mn (abs)  
Q is a contingent cause of R  
Q is a complete and necessary cause of P  
Positive conclusion(s): q abs  
P is a contingent cause of R

Mood 381 (c) - premises: q/mn (rel to S)  
Q (complemented by S) is a contingent cause of R  
Q is a complete and necessary cause of P  
Positive conclusion(s): q rel to S  
P (complemented by S) is a contingent cause of R