| Causative conclusions (i.e. w/items PR) |  |  |  |  |  |  |  |  |  | Preventive conclusions (i.e. wifems Pnotr) |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Mood \# | Causative Premises | m (PR) | n (PR) | $\left\lvert\, \begin{gathered} \mathrm{prel} \text { to } \mathrm{S} \\ \text { (PR) } \end{gathered}\right.$ | $\begin{gathered} \mathrm{q} \text { rel to } \mathrm{S} \\ (\mathrm{PR}) \end{gathered}$ | $\begin{array}{\|c} p \text { rel to } \\ \text { notS (PR) } \end{array}$ | q rel to | $\begin{aligned} & \text { pabs } \\ & (\text { PR }) \end{aligned}$ | $\begin{aligned} & \text { qabs } \\ & \text { (PR) } \end{aligned}$ | $\begin{array}{\|c\|} \hline \mathrm{m}_{\text {(PnotR) }} \\ \hline \end{array}$ | $n$ (PnotR) | $\left\lvert\, \begin{gathered} \text { prel to S } \\ \text { (PnotR) } \end{gathered}\right.$ | $\begin{array}{\|l} \text { q rel to } S \\ \text { (PnotR) } \end{array}$ | $\begin{aligned} & \begin{array}{l} \text { prel to } \\ \text { nots } \\ \text { (PnotR) } \end{array} \end{aligned}$ | $\begin{gathered} \text { q rel to } \\ \text { nots } \\ \text { (PnotR) } \end{gathered}$ | $\begin{gathered} \text { pabs } \\ \text { (PnotR) } \end{gathered}$ | $\underset{(\text { PnotR) }}{\substack{\text { (Pabs }}}$ |
| Figure One |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Mood 111 | mn/mn | implied | implied | denied | denied | denied | denied | denied | denied | denied | denied | denied | denied | denied | denied | denied | denied |
| Mood 112 | $\begin{gathered} \mathrm{mn} / \mathrm{mq} \\ (\text { rel to } \mathrm{S}) \end{gathered}$ | implied | denied | denied | implied | denied | denied | denied | implied | denied | denied | denied | denied | denied | denied | denied | denied |
| Mood 113 | $\begin{aligned} & \text { mn//np } \\ & \text { (rel to }) \end{aligned}$ | denied | implied | implied | denied | denied | denied | implied | denied | denied | denied | denied | denied | denied | denied | denied | denied |
| Mood 114 | $\begin{gathered} \mathrm{mn} / \mathrm{pq} \\ (\text { (rel to } \mathrm{S}) \end{gathered}$ | denied | denied | implied | implied | denied | denied | implied | implied | denied | denied | denied | denied | denied | denied | impled | implied |
| Mood 115 | $\mathrm{mn} / \mathrm{m}$ | implied |  | denied |  | denied |  | denied |  | denied | denied | denied | denied | denied | denied | denied | denied |
| Mood 116 | mn/n |  | implied |  | denied |  | denied |  | denied | denied | denied | denied | denied | denied | denied | denied | denied |
| Mood 117 | $\underset{\text { to })}{\mathrm{mn} / \mathrm{p} \mathrm{p}^{(\mathrm{rel}} \mid}$ | denied |  | implied |  | denied |  | implied |  | denied | denied | denied |  |  | denied |  |  |
| Mood 118 | $\begin{array}{\|c\|c\|} \hline \mathrm{mn} / \mathrm{q} \\ \text { to })^{(\mathrm{rel}} \end{array}$ |  | denied |  | implied |  | denied |  | implied | denied | denied |  | denied | denied |  |  |  |
| Mood 121 | $\mathrm{mq} / \mathrm{mn}$ | implied | denied | denied | implied | denied | implied | denied | implied | denied | denied | denied | denied | denied | denied | denied | denied |
| Mood 122 (b) | $\begin{gathered} \mathrm{mq} / \mathrm{mq} \\ (\mathrm{abs} / \mathrm{rel} \mathrm{~S}) \end{gathered}$ | implied | denied | denied |  | denied | denied | denied | implied | denied | denied | denied | denied | denied | denied | denied | denied |
| Mood 122 (c) | $\underset{(\mathrm{rel} \mathrm{~S} / \mathrm{abs})}{\mathrm{mq} / \mathrm{mq}}$ | implied | denied | denied |  | denied | denied | denied | implied | denied | denied | denied | denied | denied | denied | denied | denied |
| Mood 123 (b) | $\begin{gathered} \mathrm{mq} / \mathrm{np} \\ (\mathrm{abs} / \mathrm{rel} \mathrm{~S}) \end{gathered}$ |  |  |  |  | denied |  |  |  | denied |  | denied |  |  | denied |  |  |
| Mood 123 (c) | $\mid \operatorname{mq} / \mathrm{np}_{\mathrm{s} / \mathrm{abs})}(\mathrm{rel} \mid$ |  |  |  |  |  | denied |  |  | denied |  |  | denied | denied |  |  |  |
| Mood 124 (b) | $\underset{(\mathrm{abs} / \mathrm{rel} \mathrm{~S})}{\mathrm{mq} / \mathrm{pq}}$ |  | denied |  |  | denied | denied |  |  | denied |  | denied |  | denied | denied |  |  |
| Mood 124 (c) | $\begin{gathered} \mathrm{mq} / \mathrm{pq} \\ (\mathrm{rel} \mathrm{~S} / \mathrm{abs}) \end{gathered}$ |  | denied |  |  |  |  |  |  | denied |  |  |  |  |  |  |  |
| Mood 125 | $\operatorname{mq} / \mathrm{m}_{\text {to } \mathrm{S})} \text { (rel\|}$ | implied | denied | denied |  | denied | denied | denied | implied | denied | denied | denied | denied | denied | denied | denied | denied |
| Mood 126 | $\underset{\text { to S) }}{\operatorname{mq} / \mathrm{rel}}$ |  |  |  |  |  | denied |  |  | denied |  |  | denied | denied |  |  |  |
| Mood 127 (b) | $\begin{gathered} \hline \mathrm{mq} / \mathrm{p} \\ (\mathrm{abs} / \mathrm{rel} \mathrm{~S}) \end{gathered}$ |  |  |  |  | denied |  |  |  | denied |  | denied |  |  | denied |  |  |
| Mood 127 (c) | $\begin{array}{\|c\|c\|} \hline \mathrm{mq} / \mathrm{p} \\ \mathrm{~s} / \mathrm{abs})^{(\mathrm{rel}} \\ \hline \end{array}$ |  |  |  |  |  |  |  |  | denied |  |  |  |  |  |  |  |
| Mood 128 (b) | $\begin{gathered} \hline \mathrm{mq} / \mathrm{q} \\ (\mathrm{abs} / \mathrm{rel} \mathrm{~S}) \end{gathered}$ |  | denied |  |  |  | denied |  |  | denied |  |  |  | denied |  |  |  |
| Mood 128 (c) | $\begin{array}{\|c\|} \hline \mathrm{mq} / \mathrm{a} \\ \mathrm{~s} / \mathrm{abs})^{(\mathrm{rel}} \\ \hline \end{array}$ |  | denied |  |  |  |  |  |  | denied |  |  |  |  |  |  |  |
| Mood 131 | $\mathrm{np} / \mathrm{mn}$ (rel) | denied | implied | implied | denied | denied | denied | implied | denied | denied | denied | denied | denied | denied | denied | denied | denied |
| Mood 132 (b) | $\begin{gathered} \mathrm{np} / \mathrm{mqq} \\ \text { (abs } / \mathrm{rel} \mathrm{~S} \text { ) } \end{gathered}$ |  |  |  |  |  | denied |  |  |  | denied |  | denied | denied |  |  |  |
| Mood 132 (c) | $\underset{(\mathrm{rel} \mathrm{~S} / \mathrm{mq}}{\mathrm{nds})}$ |  |  |  |  | denied |  |  |  |  | denied | denied |  |  | denied |  |  |
| Mood 133 (b) | $\begin{gathered} \hline \mathrm{np} / \mathrm{np} \\ \text { (abs } / \mathrm{rel} \mathrm{~S}) \end{gathered}$ | denied | implied |  | denied | denied | denied | implied | denied | denied | denied | denied | denied | denied | denied | denied | denied |
| Mood 133 (c) | $\left\lvert\, \begin{array}{\|cc\|} \hline \mathrm{np} / \mathrm{np} \\ \mathrm{~s} / \mathrm{abs}) \\ \hline \text { (rel } \\ \hline \end{array}\right.$ | denied | implied |  | denied | denied | denied | implied | denied | denied | denied | denied | denied | denied | denied | denied | denied |
| Mood 134 (b) | $\begin{gathered} \mathrm{np} / \mathrm{pq} \\ (\mathrm{abs} / \mathrm{rel} \text { S) } \end{gathered}$ | denied |  |  |  | denied | denied |  |  |  | denied |  | denied | denied | denied |  |  |
| Mood 134 (c) | $\underset{\mathrm{np} / \mathrm{pq} / \mathrm{abs})^{\text {(rel }}}{ }$ | denied |  |  |  |  |  |  |  |  | denied |  |  |  |  |  |  |
| Mood 135 | $\left\lvert\, \begin{gathered} \mathrm{np} / \mathrm{m} \\ \text { to S) } \\ \text { (rel } \\ \hline \end{gathered}\right.$ |  |  |  |  | denied |  |  |  |  | denied | denied |  |  | denied |  |  |
| Mood 136 | $\left\lvert\, \begin{array}{l\|l\|} \hline \mathrm{np} / \mathrm{n} \\ \text { to } \mathrm{S}) \\ (\mathrm{rel} \\ \hline \end{array}\right.$ | denied | implied |  | denied | denied | denied | implied | denied | denied | denied | denied | denied | denied | denied | denied | denied |
| Mood 137 (b) | $\left\lvert\, \begin{array}{ll} \mathrm{np} / \mathrm{p} \\ / \mathrm{rel} \text { S }) \end{array}\right. \text { (abs }$ | denied |  |  |  | denied |  |  |  |  | denied |  |  |  | denied |  |  |
| Mood 137 (c) | $\begin{array}{\|l\|l\|} \hline \mathrm{np} / \mathrm{p} / \mathrm{rel} \\ \mathrm{~s} / \mathrm{abs})^{(2)} \\ \hline \end{array}$ | denied |  |  |  |  |  |  |  |  | denied |  |  |  |  |  |  |
| Mood 138 (b) | $\left\|\begin{array}{ll} \mathrm{np} / \mathrm{q} & \text { (abs } \\ / \mathrm{rel} \mathrm{~S}) \end{array}\right\|$ |  |  |  |  |  | denied |  |  |  | denied |  | denied | denied |  |  |  |
| Mood 138 (c) | $\begin{array}{\|l\|l\|} \hline \mathrm{np} / \mathrm{q} / \mathrm{rel} \\ \mathrm{~s} / \mathrm{abs})^{(0)} \\ \hline \end{array}$ |  |  |  |  |  |  |  |  |  | denied |  |  |  |  |  |  |
| Mood 141 | $\mathrm{pq}_{\substack{\mathrm{pq} \\ \text { to S })}}^{\text {(reel }}$ | denied | denied | implied | implied | denied | denied | implied | implied | denied | denied | denied | denied | denied | denied | implied | implied |
| Mood 142 (b) | $\begin{array}{\|c\|} \hline \mathrm{pq} / \mathrm{mq} \\ (\mathrm{abs} / \mathrm{rel} \mathrm{~S}) \\ \hline \end{array}$ |  | denied |  |  |  |  |  |  |  | denied |  |  |  |  |  |  |
| Mood 142 (c) |  |  | denied |  |  | denied | denied |  |  |  | denied | denied | denied |  | denied |  |  |
| Mood 143 (b) | $\begin{gathered} \mathrm{pq} / \mathrm{np} \\ (\mathrm{abs} / \mathrm{rel} \mathrm{~S}) \\ \hline \end{gathered}$ | denied |  |  |  |  |  |  |  | denied |  |  |  |  |  |  |  |
| Mood 143 (c) | $\mid \mathrm{pq} / \mathrm{sp} /(\mathrm{rel} \mid$ | denied |  |  |  | denied | denied |  |  | denied |  | denied | denied | denied |  |  |  |
| Mood 144 (b) | $\begin{gathered} \mathrm{pq} / \mathrm{pq} \\ (\mathrm{abs} / \mathrm{rel} \mathrm{~S}) \end{gathered}$ |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Mood 144 (c) |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Mood 145 | $\mid \mathrm{pq} / \mathrm{m} \text { to S) }(\mathrm{rel} \mid$ |  | denied |  |  | denied | denied |  |  |  | denied | denied | denied |  | denied |  |  |
| Mood 146 | $\left\|\begin{array}{c\|} \mathrm{pq} / \mathrm{n} \\ \text { to } \mathrm{S}) \\ \text { (rel } \end{array}\right\|$ | denied |  |  |  | denied | denied |  |  | denied |  | denied | denied | denied |  |  |  |
| Mood 147 (b) | $\begin{aligned} & \mathrm{pq} / \mathrm{p} \text { rel } \mathrm{S})(\mathrm{abs} \mid \\ & \hline \end{aligned}$ |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Mood 147 (c) | $\begin{array}{\|l\|} \hline \mathrm{pq} / \mathrm{p} / \mathrm{p}) \\ \mathrm{s} / \mathrm{abs}) \\ \hline \mathrm{rel}) \\ \hline \end{array}$ |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Mood 148 (b) | $\begin{array}{\|c\|} \hline \mathrm{pq} / \mathrm{q} \\ \hline \mathrm{rel} \mathrm{~S}) \end{array}$ |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Mood 148 (c) | $\left\lvert\, \begin{gathered} \mathrm{pq} / \mathrm{q} / \mathrm{a}(\mathrm{rel}) \\ \mathrm{s} / \mathrm{abs}) \end{gathered}\right.$ |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |


| Causative conclusions (i.e. wifitems PR) |  |  |  |  |  |  |  |  |  | Preventive conclusions (i.e. witiems PnotR) |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Mood \# | Causative Premises | m (PR) | n (PR) | $\left\lvert\, \begin{gathered} \mathrm{p} \mathrm{rel} \text { to } \mathrm{S} \\ \text { (PR) } \end{gathered}\right.$ | $\begin{gathered} \mathrm{q} \text { rel to } \mathrm{S} \\ (\mathrm{PR}) \end{gathered}$ | $\begin{array}{\|c\|} \hline p \text { rel to } \\ \text { nots (PR) } \end{array}$ | $\begin{gathered} \text { q rel to } \\ \text { nots (PR) } \end{gathered}$ | $\begin{aligned} & \text { pabs } \\ & \text { (PR) } \end{aligned}$ | $\begin{aligned} & \begin{array}{c} \text { abs } \\ (\mathrm{PR}) \end{array} \end{aligned}$ | $\begin{array}{\|c\|} \hline \mathrm{m}_{\text {(PnotR) }} \\ \hline \end{array}$ | n (PnotR) | $\begin{array}{c}\mathrm{p} \text { rel to } \mathrm{S} \\ \text { (PnotR) }\end{array}$ | $\begin{aligned} & \text { q rel to } \mathrm{S} \\ & \text { (PnotR) } \end{aligned}$ | $\begin{aligned} & \text { p rel to } \\ & \text { nots } \\ & \text { (PnotR) } \end{aligned}$ | $\begin{aligned} & \begin{array}{l} \text { q rel to } \\ \text { nots } \\ (\text { PnotR) } \end{array} \end{aligned}$ | $\begin{array}{\|c} \hline \text { pabs } \\ \text { (PnotR) } \end{array}$ | $\begin{gathered} \text { cabs } \\ \text { (PnotR) } \end{gathered}$ |
| Figure One |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Mood 151 | $\mathrm{m} / \mathrm{mn}$ | implied |  | denied |  | denied |  | denied |  | denied | denied | denied | denied | denied | denied | denied | denied |
| Mood 152 | $\mathrm{m}_{\mathrm{tog}}^{\mathrm{to})} \text { (rel }$ | implied | denied | denied |  | denied | denied | denied | implied | denied | denied | denied | denied | denied | denied | denied | denied |
| Mood 153 | $\operatorname{minp}_{\text {to S) }}(\mathrm{rel} \mid$ |  |  |  |  | denied |  |  |  | denied |  | denied |  |  | denied |  |  |
| Mood 154 | $\left\lvert\, \begin{aligned} & \mathrm{m} / \mathrm{pq} \\ & \text { to } \mathrm{S}) \\ & (\mathrm{rel}) \\ & \hline \end{aligned}\right.$ |  | denied |  |  | denied | denied |  |  | denied |  | denied |  | denied | denied |  |  |
| Mood 155 Mood 156 | $\xrightarrow{\mathrm{m} / \mathrm{m}}$ | implied |  | denied |  | denied |  | denied |  | $\begin{aligned} & \hline \text { denied } \\ & \hline \text { denied } \\ & \hline \end{aligned}$ | denied | denied | denied | denied | denied | denied | denied |
| Mood 157 | $\mathrm{m}^{\mathrm{m} / \mathrm{p}}{ }_{\text {to S) }}(\mathrm{rel} \mid$ |  |  |  |  | denied |  |  |  | denied |  | denied |  |  | denied |  |  |
| Mood 158 | $\mathrm{m}^{\mathrm{m} / \mathrm{q}}{ }_{\text {to S }}(\mathrm{rel} \mid$ |  | denied |  |  |  | denied |  |  | denied |  |  |  | denied |  |  |  |
| Mood 161 | $\mathrm{n} / \mathrm{mn}$ |  | implied |  | denied |  | denied |  | denied | denied | denied | denied | denied | denied | denied | denied | denied |
| Mood 162 | $\mathrm{n}_{\mathrm{n} / \mathrm{mq}}^{\text {to })^{(\mathrm{rel}} \mid}$ |  |  |  |  |  | denied |  |  |  | denied |  | denied | denied |  |  |  |
| Mood 163 | $\mathrm{n}_{\mathrm{to}, \mathrm{~S})}^{\text {(rel }}$ | denied | implied |  | denied | denied | denied | implied | denied | denied | denied | denied | denied | denied | denied | denied | denied |
| Mood 164 | $\left\lvert\, \begin{array}{l\|l\|} \mathrm{n} / \mathrm{pq} \\ \text { to } \mathrm{S}) \\ (\mathrm{rel} \\ \hline \end{array}\right.$ | denied |  |  |  | denied | denied |  |  |  | denied |  | denied | denied | denied |  |  |
| Mood 165 | $\mathrm{n} / \mathrm{m}$ |  |  |  |  |  |  |  |  |  | denied |  |  |  |  |  |  |
| Mood 166 | $\mathrm{n} / \mathrm{n}$ |  | implied |  | denied |  | denied |  | denied | denied | denied | denied | denied | denied | denied | denied | denied |
| Mood 167 | $\left\lvert\, \begin{array}{ll} \mathrm{n}^{\prime} \mathrm{p} & \\ & \text { to } \mathrm{S}) \end{array}\right.$ | denied |  |  |  | denied |  |  |  |  | denied |  |  |  | denied |  |  |
| Mood 168 | $\left.\mathrm{n}_{\mathrm{n} / \mathrm{q}} \text { to } \mathrm{S}\right)^{(\mathrm{rel} \mid}$ |  |  |  |  |  | denied |  |  |  | denied |  | denied | denied |  |  |  |
| Mood 171 | $\begin{array}{\|c\|c\|} \hline \mathrm{p} / \mathrm{mn} \\ \text { to } \mathrm{s}) \end{array} \text { (rel) }$ | denied |  | implied |  | denied |  | implied |  | denied | denied | denied |  |  | denied |  |  |
| Mood 172 (b) | $\begin{gathered} \mathrm{p} / \mathrm{mq} \\ \text { (abs } / \mathrm{rel} \mathrm{~S}) \end{gathered}$ |  |  |  |  |  |  |  |  |  | denied |  |  |  |  |  |  |
| Mood 172 (c) | $\mid \mathrm{p} / \mathrm{mq}(\mathrm{rel} \mid$ |  |  |  |  | denied |  |  |  |  | denied | denied |  |  | denied |  |  |
| Mood 173 (b) | $\begin{gathered} \mathrm{p} / \mathrm{np} \\ \text { (abs } / \mathrm{rel} \text { S }) \end{gathered}$ | denied |  |  |  |  |  |  |  | denied |  |  |  |  |  |  |  |
| Mood 173 (c) | $\left\lvert\, \begin{gathered} \mathrm{p} / \mathrm{pp} \\ \mathrm{~S} / \mathrm{abs})^{(r e l} \\ \hline \end{gathered}\right.$ | denied |  |  |  | denied |  |  |  | denied |  | denied |  |  |  |  |  |
| Mood 174 (b) | $\begin{gathered} \mathrm{p} / \mathrm{pq} \\ (\mathrm{abs} / \mathrm{rel} \mathrm{~S}) \end{gathered}$ |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Mood 174 (c) | $\begin{array}{\|c\|} \hline \mathrm{p} / \mathrm{pq} \\ \hline \text { (rel S/abs) } \\ \hline \end{array}$ |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Mood 175 | $\mid \mathrm{p} / \mathrm{m} \text { to } \mathrm{s})^{(\mathrm{rel}} \mid$ |  |  |  |  | denied |  |  |  |  | denied | denied |  |  | denied |  |  |
| Mood 176 | $\left.\mathrm{p}_{\mathrm{p} / \mathrm{n}} \text { to } \mathrm{S}\right)^{(\mathrm{rel} \mid}$ | denied |  |  |  | denied |  |  |  | denied |  | denied |  |  |  |  |  |
| Mood 177 (b) | $\left.\mathrm{p}^{\mathrm{p} / \mathrm{p}} / \mathrm{rels}\right)^{(\text {abs }}$ |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Mood 177 (c) | $\begin{array}{\|l\|l\|} \hline \mathrm{p} / \mathrm{p} \\ \mathrm{~s} / \mathrm{abs}) \\ \hline \text { rel } \\ \hline \end{array}$ |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Mood 178 (b) | $\frac{\mathrm{pl/q} / \text { reos s) }}{} \text { (abs }$ |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Mood 178 (c) | $\mathrm{p} / \mathrm{s} / \mathrm{s} / \mathrm{abs})_{(\mathrm{rel} \mid}$ |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Mood 181 | $\mathrm{q}_{\text {to }} \mathrm{m}^{(\mathrm{rel}}$ |  | denied |  | implied |  | denied |  | implied | denied | denied |  | denied | denied |  |  |  |
| Mood 182 (b) | q/mq |  | denied |  |  |  |  |  |  |  | denied |  |  |  |  |  |  |
| Mood 182 (c) | $\underset{\substack{\mathrm{q} / \mathrm{mq} \\ \mathrm{~s} / \mathrm{abs})}}{ }(\mathrm{rel} \mid$ |  | denied |  |  |  | denied |  |  |  | denied |  | denied |  |  |  |  |
| Mood 183 (b) | $\mathrm{q}_{\mathrm{q} / \mathrm{np}} \mathrm{abs} / \mathrm{rel} \mathrm{~S} \text { ) }$ |  |  |  |  |  |  |  |  | denied |  |  |  |  |  |  |  |
| Mood 183 (c) | $\left\lvert\, \begin{gathered} \mathrm{q} / \mathrm{np} \\ \mathrm{~s} / \mathrm{abs})^{(\mathrm{rel}} \\ \hline \end{gathered}\right.$ |  |  |  |  |  | denied |  |  | denied |  |  | denied | denied |  |  |  |
| Mood 184 (b) | $\begin{gathered} \mathrm{q} / \mathrm{pq} \\ \text { (abs } / \mathrm{rel} \mathrm{~S}) \end{gathered}$ |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Mood 184 (c) | $\begin{array}{\|c} \hline \mathrm{q} / \mathrm{pq} \\ (\mathrm{rel} \mathrm{~S} / \mathrm{abs}) \\ \hline \end{array}$ |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Mood 185 | $\mid q^{\prime / m} \text { to s) }(\mathrm{rel} \mid$ |  | denied |  |  |  | denied |  |  |  | denied |  | denied |  |  |  |  |
| Mood 186 | $\begin{array}{\|l\|} \hline q^{\prime / n} \\ \\ \\ \text { to } S)^{(r e l l} \\ \hline \end{array}$ |  |  |  |  |  | denied |  |  | denied |  |  | denied | denied |  |  |  |
| Mood 187 (b) | $\mathrm{q}_{\text {/ rel s) }}^{\text {(abs }}$ |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Mood 187 (c) |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Mood 188 (b) | $\begin{array}{\|l\|l\|} \hline \alpha / \mathrm{rabs} \\ \hline \text { rel })^{(\text {abs }} \end{array}$ |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Mood 188 (c) | $q_{\mathrm{s} / \mathrm{abs})^{(\mathrm{rel}} \mid}$ |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Statistics | 89 | 32 | 32 | 16 | 16 | 40 | 40 | 20 | 20 | 48 | 48 | 39 | 39 | 39 | 39 | 21 | 21 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |


| Causative conclusions (i.e. witems PR) |  |  |  |  |  |  |  |  |  | Preventive conclusions (i.e. witiems PnotR) |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Mood\# | Causative Premises | m (PR) | n (PR) | $\begin{array}{\|c\|} \hline \mathrm{p} \text { rel to } \mathrm{S} \\ \text { (PR) } \end{array}$ | $\underset{(\mathrm{PR})}{\mathrm{q} \text { rel to } s}$ | $\begin{gathered} \hline \mathrm{p} \text { rel to } \\ \text { notS (PR) } \end{gathered}$ | $\left\|\begin{array}{c} \mathrm{q} \text { rel to } \\ \operatorname{notS}(\mathrm{PR}) \end{array}\right\|$ | $\begin{aligned} & \text { Pabs } \\ & (\mathrm{PR}) \end{aligned}$ | $\begin{aligned} & q \text { abs } \\ & \text { (PR) } \end{aligned}$ | $\underset{\text { (PnotR) }}{\mathrm{m}^{\prime}}$ | $n$ (PnotR) | $\left\lvert\, \begin{gathered} \text { prel to } S \\ (\text { PnotR) } \end{gathered}\right.$ | $\begin{aligned} & \text { q rel to } S \\ & \text { (PnotR) } \end{aligned}$ | $\begin{aligned} & \begin{array}{l} \text { prel to } \\ \text { nots } \\ \text { (PnotR) } \end{array} \end{aligned}$ | $\begin{array}{\|l\|l\|} \hline \text { rell to } \\ \text { nots } \\ \text { (PnotR) }) \end{array}$ | $\begin{gathered} \text { pabs } \\ \text { (PnotR) } \end{gathered}$ | $\begin{gathered} q \text { abs } \\ \text { (PnotR) } \end{gathered}$ |
| Figure Two |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 211 | mn/mn | implied | implied | denied | denied | denied | denied | denied | denied | denied | denied | denied | denied | denied | denied | denied | denied |
| 212 | $\begin{aligned} & \text { mn/mq } \\ & \text { (rel to }) \end{aligned}$ | implied | denied | denied | implied | denied | denied | denied | implied | denied | denied | denied | denied | denied | denied | denied | denied |
| 213 |  | denied | implied | implied | denied | denied | denied | implied | denied | denied | denied | denied | denied | denied | denied | denied | denied |
| 214 | $\begin{gathered} \text { mn/pq } \\ \text { (rel to } \end{gathered}$ | denied | denied | implied | implied | denied | denied | implied | implied | denied | denied | denied | denied | denied | denied | implied | implied |
| $\frac{215}{216}$ | mn/m | implied |  | denied |  | denied |  | denied |  | denied | denied | denied | denied | denied | denied | denied | denied |
|  | mn/n |  | implied |  | denied |  | denied |  | denied | denied | denied | denied | denied | denied | denied | denied | denied |
| 217 | $\begin{gathered} \mathrm{mn} / \mathrm{p} \\ \text { to } \mathrm{S}) \end{gathered} \mathrm{rel}^{\text {rel }}$ | denied |  | implied |  | denied |  | implied |  | denied | denied | denied |  |  | denied |  |  |
| 218 |  |  | denied |  | implied |  | denied |  | implied | denied | denied |  | denied | denied |  |  |  |
| 221 |  | denied | implied | denied | denied | implied | denied | implied | denied | denied | denied | denied | denied | denied | denied | denied | denied |
| 222 (b) | $\underset{(\mathrm{mbs} / \mathrm{ral} \mathrm{~S})}{(\mathrm{mag}}$ |  |  |  |  |  | denied |  |  |  | denied |  | denied | denied |  |  |  |
| 222 (c) | $\underset{\substack{\mathrm{mq} / \mathrm{mq} \\(\mathrm{rebs})}}{ }$ |  |  | denied |  |  |  |  |  |  | denied |  | denied | denied |  |  |  |
| 223 (b) | $\underset{(\mathrm{abs} / \mathrm{rel} \mathrm{~S})}{\mathrm{m} / \mathrm{p}}$ | denied | implied |  | denied | denied | denied | implied | denied | denied | denied | denied | denied | denied | denied | denied | denied |
| 223 (c) |  | denied | implied | denied | denied |  | denied | implied | denied | denied | denied | denied | denied | denied | denied | denied | denied |
| 224 (b) | $\underset{(\mathrm{abs} / \mathrm{rel} \mathrm{~s})}{\mathrm{m} / \mathrm{pq}}$ | denied |  |  |  | denied | denied |  |  |  | denied |  | denied | denied | denied |  |  |
| 224 (c) | $\begin{gathered} \mathrm{mq} / \mathrm{pq} \\ (\mathrm{rel} / \mathrm{Sabs}) \end{gathered}$ | denied |  |  |  |  |  |  |  |  | denied |  |  |  |  |  |  |
| 225 | $\left\lvert\, \begin{aligned} & \mathrm{mq} / \mathrm{m} \\ & \text { to S) } \\ & \text { (rel } \\ & \hline \end{aligned}\right.$ |  |  | denied |  |  |  |  |  |  | denied |  | denied | denied |  |  |  |
| 226 | $\begin{array}{\|c\|c\|} \hline \mathrm{mq} / \mathrm{n} \\ \text { to } \mathrm{S}) \\ \text { rel } \end{array}$ | denied | implied | denied | denied |  | denied | implied | denied | denied | denied | denied | denied | denied | denied | denied | denied |
| 227 (b) | $\underset{(\mathrm{abs} / \mathrm{rel} \mathrm{~s})}{\mathrm{m} / \mathrm{p}}$ | denied |  |  |  | denied |  |  |  |  | denied |  |  |  | denied |  |  |
| 227 (c) | $\begin{array}{\|c\|c\|} \hline \mathrm{mq} / \mathrm{p} \\ \mathrm{~s} / \mathrm{abs}) \\ \hline \text { rel } \\ \hline \end{array}$ | denied |  |  |  |  |  |  |  |  | denied |  |  |  |  |  |  |
| 228 (b) | $\underset{(\mathrm{abs} / \mathrm{rel} \mathrm{~S})}{\mathrm{m} / \mathrm{q}}$ |  |  |  |  |  | denied |  |  |  | denied |  | denied | denied |  |  |  |
| 228 (c) | $\begin{array}{\|c\|c\|c\|} \hline \text { (rel } \\ \mathrm{s} / \mathrm{abs}) \\ \hline \end{array}$ |  |  |  |  |  |  |  |  |  | denied |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 231 | $\begin{array}{\|c\|c\|c\|} \hline \text { np } / \mathrm{tos}) \end{array}$ | implied | denied | denied | denied | denied | implied | denied | implied | denied | denied | denied | denied | denied | denied | denied | denied |
| 232 (b) | $\underset{(\mathrm{abs} / \mathrm{rel} \mathrm{~s})}{\mathrm{npq}}$ | implied | denied | denied |  | denied | denied | denied | implied | denied | denied | denied | denied | denied | denied | denied | denied |
| 232 (c) | $\begin{gathered} \mathrm{np} / \mathrm{mq} \\ (\mathrm{rel} \mathrm{~S} / \mathrm{abs}) \\ \hline \end{gathered}$ | implied | denied | denied | denied | denied |  | denied | implied | denied | denied | denied | denied | denied | denied | denied | denied |
| 233 (b) | $\begin{array}{\|c\|} \hline \mathrm{np} / \mathrm{pp} \\ \text { (abs/ rel S) } \\ \hline \end{array}$ |  |  |  |  | denied |  |  |  | denied |  | denied |  |  | denied |  |  |
| 233 (c) | $\begin{array}{\|l\|} \hline \mathrm{np} / \mathrm{np} \\ \mathrm{~S} / \mathrm{abs}) \\ \text { (rel } \\ \hline \end{array}$ |  |  |  | denied |  |  |  |  | denied |  | denied |  |  | denied |  |  |
| 234 (b) | $\begin{gathered} \mathrm{np} / \mathrm{pq} \\ (\mathrm{abs} / \mathrm{rel} \mathrm{~S}) \end{gathered}$ |  | denied |  |  | denied | denied |  |  | denied |  | denied |  | denied | denied |  |  |
| 234 (c) | $\begin{array}{\|c\|c\|c\|} \hline \mathrm{npq} / \mathrm{pq} / \mathrm{rel} \\ \mathrm{~s} / \mathrm{abs})^{\prime} \\ \hline \end{array}$ |  | denied |  |  |  |  |  |  | denied |  |  |  |  |  |  |  |
| 235 | $\begin{array}{\|c\|c\|c\|} \hline \text { np } / \text { rel } \\ \text { to }) \end{array}$ | implied | denied | denied | denied | denied |  | denied | implied | denied | denied | denied | denied | denied | denied | denied | denied |
| 236 | $\begin{array}{\|c\|} \hline \mathrm{np} / \mathrm{n} \\ \text { to S) } \\ \hline \end{array}$ |  |  |  | denied |  |  |  |  | denied |  | denied |  |  | denied |  |  |
| 237 (b) | $\mathrm{np} / \mathrm{p}_{\mathrm{lrel} \text { S })}^{\text {(abs }}$ |  |  |  |  | denied |  |  |  | denied |  | denied |  |  | denied |  |  |
| 237 (c) | $\begin{array}{\|l\|l\|} \hline \mathrm{np} / \mathrm{p} \\ \mathrm{~s} / \mathrm{abs})^{(\mathrm{rel}} \\ \hline \end{array}$ |  |  |  |  |  |  |  |  | denied |  |  |  |  |  |  |  |
| 238 (b) | $\mid \mathrm{np} / \mathrm{q} / \mathrm{rel} \mathrm{~s})^{(\text {abs }} \mid$ |  | denied |  |  |  | denied |  |  | denied |  |  |  | denied |  |  |  |
| 238 (c) | $\begin{array}{\|l\|} \hline \mathrm{np} / \mathrm{q} / \mathrm{abs})^{(\mathrm{rel} \mid} \mid \\ \hline \end{array}$ |  | denied |  |  |  |  |  |  | denied |  |  |  |  |  |  |  |
| 241 | $\begin{aligned} & \mathrm{pq} / \mathrm{mn} \\ & \text { to } \mathrm{S}) \end{aligned} \text { (rel }$ | denied | denied | denied | denied | implied | implied | implied | implied | denied | denied | denied | denied | denied | denied | implied | implied |
| 242 (b) | $\begin{gathered} \mathrm{pq} / \mathrm{mq} \\ (\mathrm{abs} / \mathrm{rel} \mathrm{~S}) \end{gathered}$ |  | denied |  |  |  |  |  |  |  | denied |  |  |  |  |  |  |
| 242 (c) | $\begin{gathered} \mathrm{pq} / \mathrm{mq} \\ \text { (rel S/abs) } \end{gathered}$ |  | denied | denied | denied |  |  |  |  |  | denied |  | denied | denied | denied |  |  |
| 243 (b) | $\begin{array}{\|c\|} \hline \mathrm{pq} / \mathrm{np} \\ (\mathrm{abs} / \mathrm{rel}) \\ \hline \end{array}$ | denied |  |  |  |  |  |  |  | denied |  |  |  |  |  |  |  |
| 243 (c) | $\begin{array}{\|c\|} \hline \mathrm{pq} / \mathrm{np} \\ \mathrm{~s} / \mathrm{abs}) \\ \hline \end{array}$ | denied |  | denied | denied |  |  |  |  | denied |  | denied |  | denied | denied |  |  |
| 244 (b) | $\begin{gathered} \mathrm{pq} / \mathrm{pq} \\ (\mathrm{abs} / \mathrm{rel}) \end{gathered}$ |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 244 (c) | $\begin{array}{\|c\|c\|} \hline \text { (abs rers) } \\ \hline \mathrm{pq} / \mathrm{pq} \\ \mathrm{~s} / \mathrm{abs}) \\ \hline \end{array}$ |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 245 | $\underset{\text { to s) }}{\text { pp/m }}$ |  | denied | denied | denied |  |  |  |  |  | denied |  | denied | denied | denied |  |  |
| 246 | $\begin{array}{\|c\|} \hline \mathrm{pq} / \mathrm{n} \\ \text { to S) } \end{array} \text { (rel }$ | denied |  | denied | denied |  |  |  |  | denied |  | denied |  | denied | denied |  |  |
| 247 (b) | $\begin{array}{\|l\|l\|} \hline \mathrm{pq} / \mathrm{p} \\ \hline \mathrm{rel} \mathrm{~S}) \\ \hline \end{array}$ |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 247 (c) | $\begin{array}{\|l\|l\|l\|l\|l\|} \hline \mathrm{pq} / \mathrm{rel} \\ \mathrm{~s} / \mathrm{abs}) \\ \hline \end{array}$ |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 248 (b) | $\begin{array}{\|l\|l\|} \hline \mathrm{pq} / \mathrm{q} / \mathrm{rel} \mathrm{l}) \\ \hline \text { (abs } \\ \hline \end{array}$ |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 248 (c) | $\begin{array}{\|l\|l\|} \hline \mathrm{pq} / \mathrm{q} / \mathrm{rel}) \\ \mathrm{s} / \mathrm{abs}) \\ \hline \end{array}$ |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |



| Causative conclusions (i.e. witems PR) |  |  |  |  |  |  |  |  |  | Preventive conclusions (i.e. wititems ProtR) |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Mood\# | Causative Premises | m (PR) | n (PR) | $\begin{array}{\|c\|} \hline \mathrm{p} \text { rel to } \mathrm{S} \\ \text { (PR) } \end{array}$ | $q$ rel to $S$ (PR) | $\begin{gathered} \hline \mathrm{p} \text { rel to } \\ \text { notS (PR) } \end{gathered}$ |  | $\begin{aligned} & \text { Pabs } \\ & (\mathrm{PR}) \end{aligned}$ | $\begin{aligned} & q \text { abs } \\ & \text { (PR) } \end{aligned}$ | $\underset{\text { (PnotR) }}{\mathrm{m}^{\prime}}$ | $n$ (PnotR) | $\left\lvert\, \begin{gathered} \text { prel to } S \\ (\text { PnotR) } \end{gathered}\right.$ | $\begin{aligned} & \text { q rel to } S \\ & \text { (PnotR) } \end{aligned}$ | $\begin{aligned} & \begin{array}{l} \text { prel to } \\ \text { nots } \\ \text { (PnotR) } \end{array} \end{aligned}$ | $\begin{array}{\|l\|l\|} \hline \text { rell to } \\ \text { nots } \\ \text { (PnotR) }) \end{array}$ | $\begin{gathered} \text { pabs } \\ \text { (PnotR) } \end{gathered}$ | $\begin{gathered} q \text { abs } \\ \text { (PnotR) } \end{gathered}$ |
| Figure Three |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 311 | mn/mn | implied | implied | denied | denied | denied | denied | denied | denied | denied | denied | denied | denied | denied | denied | denied | denied |
|  | mn/mq |  |  | denied |  | implied | nied | implied | denie | denied | denied | denied | denied | denied | denied | denied |  |
| 313 | mn/np |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | (rel to S) | implied | denied | denied | denied | denied | implied | denied | implied | denied | denied | denied | denied | denied | denied | denied | denied |
| 314 | $\begin{gathered} \mathrm{mn}^{(\mathrm{req}} \\ (\mathrm{erl} \text { to } \end{gathered}$ | denied | denied | denied | denied | implied | implied | implied | implied | denied | denied | denied | denied | denied | denied | implied | implied |
| 315316 | mn/m |  | implied |  | denied |  | denied |  | denied | denied | denied | denied | denied | denied | denied | denied | denied |
|  | $\mathrm{mn} / \mathrm{n}$ | implied |  | denied |  | denied |  | denied |  | denied | denied | denied | denied | denied | denied | denied | denied |
| 317 | $\begin{array}{\|c\|c\|} \hline \mathrm{mn} / \mathrm{p} \\ \text { to } \mathrm{S}) \end{array}$ |  | denied |  | denied |  | implied |  | implied | denied | denied | denied |  |  | denied |  |  |
| 318 | $\begin{array}{\|c\|} \hline \mathrm{mn} / \mathrm{q} \\ \text { to } \mathrm{S}) \end{array} \text { (rel\|}$ | denied |  | denied |  | implied |  | implied |  | denied | denied |  | denied | denied |  |  |  |
| 321 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | $\mathrm{mq} / \mathrm{mn}$ (rel to S) | implied | denied | denied | implied | denied | denied | denied | implied | denied | denied | denied | denied | denied | denied | denied | denied |
| 322 (b) | $\underset{(\mathrm{abs} / \mathrm{rel} \mathrm{~S})}{\mathrm{mq} / \mathrm{mq}}$ |  |  | denied |  |  |  |  |  | denied |  |  | denied | denied |  |  |  |
| 322 (c) | $\underset{(\mathrm{rel} \mathrm{Sq} / \mathrm{mq}}{\mathrm{mbs})}$ |  |  |  |  |  | denied |  |  | denied |  |  | denied | denied |  |  |  |
| 323 (b) | $\begin{array}{\|c\|} \hline \mathrm{mq} / \mathrm{np} \\ (\mathrm{abs} / \mathrm{rel}) \\ \hline \end{array}$ | implied | denied | denied | denied | denied |  | denied | implied | denied | denied | denied | denied | denied | denied | denied | denied |
| 323 (c) | $\begin{array}{\|c} \mathrm{mq} / \mathrm{np} \\ \mathrm{~s} / \mathrm{abs})^{(\mathrm{rel}} \\ \hline \end{array}$ | implied | denied | denied |  | denied | denied | denied | implied | denied | denied | denied | denied | denied | denied | denied | denied |
| 324 (b) | $\begin{gathered} \mathrm{abq} / \mathrm{pq} \\ (\mathrm{abs} / \mathrm{rel} \text { S } \end{gathered}$ |  | denied | denied | denied |  |  |  |  | denied |  | denied | denied | denied |  |  |  |
| 324 (c) |  |  | denied |  |  |  |  |  |  | denied |  |  |  |  |  |  |  |
| 325 | ${\underset{\text { to S }}{ }(\mathrm{rel})}^{\mathrm{mq} / \mathrm{m}}$ |  |  |  |  |  | denied |  |  | denied |  |  | denied | denied |  |  |  |
| 326 | $\operatorname{mqq}_{\text {to S) }}(\text { rel }$ | implied | denied | denied |  | denied | denied | denied | implied | denied | denied | denied | denied | denied | denied | denied | denied |
| 327 (b) | $\begin{array}{\|c\|} \hline \mathrm{mq} / \mathrm{p} \\ (\mathrm{abs} / \mathrm{rel}) \\ \hline \end{array}$ |  | denied |  | denied |  |  |  |  | denied |  | denied |  |  |  |  |  |
| 327 (c) | $\begin{aligned} & \text { ma/p } \\ & \mathrm{s} / \mathrm{abs}) \\ & \hline \text { rel } \\ & \hline \end{aligned}$ |  | denied |  |  |  |  |  |  | denied |  |  |  |  |  |  |  |
| 328 (b) | $\underset{(\mathrm{abs} / \mathrm{rel} \mathrm{~S})}{\mathrm{m} / \mathrm{q}}$ |  |  | denied |  |  |  |  |  | denied |  |  | denied | denied |  |  |  |
| 328 (c) | $\begin{array}{\|c\|} \hline \mathrm{mq} / \mathrm{q} \\ \mathrm{~s} / \mathrm{abs})^{(\mathrm{rel}} \\ \hline \end{array}$ |  |  |  |  |  |  |  |  | denied |  |  |  |  |  |  |  |
| 331 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | $\mathrm{np}_{\mathrm{n} / \mathrm{mn} \mathrm{~m})}^{\text {(rel }}$ | denied | implied | implied | denied | denied | denied | implied | denied | denied | denied | denied | denied | denied | denied | denied | denied |
| 332 (b) | $\begin{array}{c\|} \mathrm{np} / \mathrm{mq} \\ (\mathrm{abs} / \mathrm{rel} \mathrm{~S}) \\ \hline \end{array}$ | denied | impled | denied | denied |  | denied | implied | denied | denied | denied | denied | denied | denied | denied | denied | denied |
| 332 (c) | $\begin{gathered} \mathrm{np} / \mathrm{mq} \\ \text { (rel S /abs) } \end{gathered}$ | denied | implied |  | denied | denied | denied | implied | denied | denied | denied | denied | denied | denied | denied | denied | denied |
| 333 (b) | $\begin{gathered} \text { np/np } \\ \text { (abs } / \text { rel S) } \end{gathered}$ |  |  |  | denied |  |  |  |  |  | denied | denied |  |  | denied |  |  |
| 333 (c) | $\left\lvert\, \begin{gathered} \mathrm{np} / \mathrm{np} \\ \mathrm{~s} / \mathrm{abs})^{(\mathrm{rel}} \mid \\ \hline \end{gathered}\right.$ |  |  |  |  | denied |  |  |  |  | denied | denied |  |  | denied |  |  |
| 334 (b) | $\begin{gathered} \mathrm{np} / \mathrm{pq} \\ (\mathrm{abs} / \mathrm{rel} \mathrm{~S}) \end{gathered}$ | denied |  | denied | denied |  |  |  |  |  | denied | denied | denied |  | denied |  |  |
| 334 (c) | $\begin{array}{\|l\|l\|} \hline \mathrm{np} / \mathrm{pq} \\ \mathrm{~s} / \mathrm{abs})^{\text {rel }} \\ \hline \end{array}$ | denied |  |  |  |  |  |  |  |  | denied |  |  |  |  |  |  |
| 335 | $\begin{array}{\|c\|} \hline \mathrm{np} / \mathrm{m} \\ \text { to S) } \\ \text { (rel } \\ \hline \end{array}$ | denied | implied |  | denied | denied | denied | implied | denied | denied | denied | denied | denied | denied | denied | denied | denied |
| 336 | $\begin{array}{\|l\|} \hline \mathrm{np} / \mathrm{n} \\ \text { to S) } \\ \hline \text { (rel } \\ \hline \end{array}$ |  |  |  |  | denied |  |  |  |  | denied | denied |  |  | denied |  |  |
| 337 (b) | $\begin{array}{\|c} \text { np/p } / \text { rel s) } \end{array}$ |  |  |  | denied |  |  |  |  |  | denied | denied |  |  | denied |  |  |
| 337 (c) | $\begin{array}{\|c\|} \hline \mathrm{np} / \mathrm{p} \\ \mathrm{~s} / \mathrm{abs})^{(\mathrm{rel}} \\ \hline \end{array}$ |  |  |  |  |  |  |  |  |  | denied |  |  |  |  |  |  |
| 338 (b) |  | denied |  | denied |  |  |  |  |  |  | denied |  | denied |  |  |  |  |
| 338 (c) | $\begin{array}{\|l\|} \hline \mathrm{np} / \mathrm{q} \\ \mathrm{~s} / \mathrm{abs}) \\ \hline \end{array}$ | denied |  |  |  |  |  |  |  |  | denied |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 341 | $\begin{array}{\|c\|c\|} \hline \mathrm{pq} / \mathrm{mn} \\ \text { to } \end{array} \text { (rel\| }$ | denied | denied | implied | implied | denied | implied | implied | implied | denied | denied | denied | denied | denied | denied | implied | implied |
| 342 (b) | $\begin{gathered} \mathrm{pq} / \mathrm{mq} \\ (\mathrm{abs} / \mathrm{rel} \mathrm{~S}) \\ \hline \end{gathered}$ | denied |  |  |  |  |  |  |  | denied |  |  |  |  |  |  |  |
| 342 (c) | $\begin{gathered} \mathrm{pq} / \mathrm{mq} \\ \text { (rel S } / \mathrm{abs} \text { ) } \end{gathered}$ | denied |  |  |  | denied | denied |  |  | denied |  | denied | denied | denied |  |  |  |
| 343 (b) | $\begin{array}{\|c\|} \hline \mathrm{pq} / \mathrm{np} \\ (\mathrm{abs} / \mathrm{rel}) \\ \hline \end{array}$ |  | denied |  |  |  |  |  |  |  | denied |  |  |  |  |  |  |
| 343 (c) | $\underset{\mathrm{s} / \mathrm{abs})}{\mathrm{pq}^{2} \mathrm{n} / \mathrm{rel}}$ |  | denied |  |  | denied | denied |  |  |  | denied | denied | denied |  | denied |  |  |
| 344 (b) | $\begin{gathered} \mathrm{pq} / \mathrm{pq} \\ (\mathrm{abs} / \mathrm{rel} \mathrm{~S}) \end{gathered}$ |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 344 (c) | $\begin{array}{\|c\|c\|} \hline \mathrm{pq} / \mathrm{pq} \\ \mathrm{~s} / \mathrm{rabs}) \end{array}$ |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 345 | $\underset{\text { to S) }}{\substack{\mathrm{pq} / \mathrm{mel}}}$ | denied |  |  |  | denied | denied |  |  | denied |  | denied | denied | denied |  |  |  |
| 346 | ${\underset{\text { pq/n }}{\text { to S) }}}_{\text {(rel }}$ |  | denied |  |  | denied | denied |  |  |  | denied | denied | denied |  | denied |  |  |
| 347 (b) | $\left\lvert\, \begin{array}{ll} \mathrm{pq} / \mathrm{p} / \mathrm{rel} \mathrm{~s}^{(\mathrm{abs}} \\ \hline \end{array}\right.$ |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 347 (c) | $\begin{array}{\|l\|} \hline \mathrm{pq} / \mathrm{p} / \mathrm{p} \\ \mathrm{~s} / \mathrm{abs})^{\prime} \\ \hline \end{array}$ |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 348 (b) | $\begin{array}{\|l\|l} \hline \mathrm{pq} / \mathrm{q} \\ \mathrm{prel} \mathrm{~s}) \\ \hline \end{array}$ |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 348 (c) | $\begin{array}{\|c\|c\|} \hline \text { pq/q } \\ \mathrm{s} / \mathrm{abs}) \\ \hline \end{array}$ |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |



| Causative conclusions (i.e. wifitems PR) |  |  |  |  |  |  |  |  |  | Preventive conclusions (i.e. witems PnotR) |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Mood \# | Causative Premises | m (PR) | n (PR) | $\begin{gathered} \text { prel to } S \\ (P R) \end{gathered}$ | $\begin{gathered} \text { q rel to } s \\ (P R) \end{gathered}$ | $\begin{gathered} \mathrm{p} \text { rel to } \\ \text { notS (PR) } \end{gathered}$ | $\begin{gathered} \mathrm{q} \mathrm{rel} \text { to } \\ \text { notS (PR) } \end{gathered}$ | $\begin{aligned} & \text { pabs } \\ & (\mathrm{PR}) \end{aligned}$ | $\begin{aligned} & q \text { abs } \\ & (\text { PR) } \end{aligned}$ | $\begin{array}{\|c} \hline \mathrm{m}_{\text {(PnotR) }} \\ \hline \end{array}$ | n (PnotR) | $\begin{gathered} \text { prel to } \mathrm{S} \\ \text { (PnotR) } \end{gathered}$ | $\begin{array}{\|l\|l} \hline \text { q rel to } S \\ \text { (PnotR) } \end{array}$ | $\begin{aligned} & \text { p rel to } \\ & \text { nots } \\ & \text { (PnotR) } \end{aligned}$ | $\begin{gathered} \text { q relt to } \\ \text { nots } \\ \text { (PnotR) } \\ \hline \end{gathered}$ | $\begin{gathered} \text { pabs } \\ \text { (PnotR) } \end{gathered}$ | $\begin{gathered} q \text { abs } \\ \text { (PnotR) } \end{gathered}$ |
| Figure One |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Mood 111 | mn/mn | m | $n$ |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Mood 112 | $\begin{gathered} \mathrm{mn} / \mathrm{mq} \\ (\mathrm{rel} \text { to } \mathrm{S}) \end{gathered}$ | m |  |  | q rel to s |  |  |  |  |  |  |  |  |  |  |  |  |
| Mood 113 | $\begin{gathered} \mathrm{mn} / \mathrm{np} \\ \text { (rel to S) } \end{gathered}$ |  | n | p rel to S |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Mood 114 |  |  |  | p rel to S | q rel to S |  |  |  |  |  |  |  |  |  |  |  |  |
| Mood 115 | $\mathrm{mn} / \mathrm{m}$ | m |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Mood 116 | mn/n |  | $n$ |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Mood 117 | $\left\lvert\, \begin{array}{\|c\|c\|} \hline \mathrm{mn} / \mathrm{p} \\ \text { to }) \end{array}(\mathrm{rel} \mid\right.$ |  |  | p rel tos |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Mood 118 | $\begin{array}{\|c\|c\|} \hline \mathrm{mn} / \mathrm{q} \\ \text { to })^{(r e l} \end{array}$ |  |  |  | q rel to S |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Mood 121 | $\begin{gathered} \mathrm{mq} / \mathrm{mn} \\ (\text { rel to } \mathrm{S}) \end{gathered}$ | m |  |  | q rel tos |  |  |  |  |  |  |  |  |  |  |  |  |
| Mood 122 (b) | $\underset{(\mathrm{abs} / \mathrm{rel} \mathrm{~S})}{\mathrm{mq} / \mathrm{mq}}$ | m |  |  |  |  | not-q rel to nots |  | q abs |  |  |  |  |  |  |  |  |
| Mood 122 (c) | $\underset{(\mathrm{rel} \mathrm{~s} / \mathrm{mq} / \mathrm{abs})}{ }$ | m |  |  |  |  | $\begin{gathered} \text { not-q rel } \\ \text { to notS } \end{gathered}$ |  | q abs |  |  |  |  |  |  |  |  |
| Mood 123 (b) |  |  |  |  |  | not-p rel to nots |  |  |  | not-m |  | $\begin{aligned} & \text { not-p rel } \\ & \text { to } \mathrm{S} \end{aligned}$ |  |  | not-q rel to nots |  |  |
| Mood 123 (c) | $\left\|\begin{array}{\|c\|} \hline \mathrm{mq} / \mathrm{np} \\ \mathrm{~s} / \mathrm{abs}) \\ \text { (rel } \end{array}\right\|$ |  |  |  |  |  | $\left\lvert\, \begin{gathered} \text { not-q rel } \\ \text { to nots } \end{gathered}\right.$ |  |  | not-m |  |  | $\begin{aligned} & \text { not-q rel } \\ & \text { to } S \end{aligned}$ | $\begin{array}{\|l\|l\|} \hline \text { not-p rel } \\ \text { to notS } \end{array}$ |  |  |  |
| Mood 124 (b) | $\begin{gathered} \mathrm{mq} / \mathrm{pq} \\ (\mathrm{abs} / \mathrm{rel} \mathrm{~S}) \end{gathered}$ |  | not-n |  |  | not-p rel to nots | $\begin{aligned} & \text { not-q rel } \\ & \text { to nots } \end{aligned}$ |  |  | not-m |  | $\begin{aligned} & \text { not-p rel } \\ & \text { to S } \end{aligned}$ |  | $\begin{array}{\|l\|l\|} \hline \begin{array}{c} \text { not-p rel } \\ \text { to nots } \end{array} \\ \hline \end{array}$ | not-q rel to nots |  |  |
| Mood 124 (c) | $\underset{(\mathrm{rel} \mathrm{~S} / \mathrm{abs})}{\mathrm{mq/pq}}$ |  | not-n |  |  |  |  |  |  | not-m |  |  |  |  |  |  |  |
| Mood 125 | $\underset{\text { to S) }}{\operatorname{mq} / \mathrm{rel}}$ | m |  |  |  |  | not-q rel to nots |  | q abs |  |  |  |  |  |  |  |  |
| Mood 126 | $\operatorname{mq}_{\substack{\text { mo } \\ \text { to })}}(\mathrm{rel} \mid$ |  |  |  |  |  | not-q rel to nots |  |  | not-m |  |  | $\begin{aligned} & \text { not-q rel } \\ & \text { to } \mathrm{S} \end{aligned}$ | $\begin{aligned} & \text { not-p rel } \\ & \text { to nots } \end{aligned}$ |  |  |  |
| Mood 127 (b) | $\underset{(\mathrm{abs} / \mathrm{ral} \text { S })}{ }$ |  |  |  |  | not-p rel to nots |  |  |  | not-m |  | $\begin{aligned} & \text { not-p rel } \\ & \text { to } S \end{aligned}$ |  |  | not-q rel to notS |  |  |
| Mood 127 (c) | $\begin{array}{\|c\|} \hline \mathrm{mq} / \mathrm{p} \\ \mathrm{~s} / \mathrm{abs})^{(\mathrm{rel}} \\ \hline \end{array}$ |  |  |  |  |  |  |  |  | not-m |  |  |  |  |  |  |  |
| Mood 128 (b) | $\underset{(\mathrm{abs} / \mathrm{rel} \mathrm{~S})}{\mathrm{m} / \mathrm{q}}$ |  | not-n |  |  |  | not-q rel to nots |  |  | not-m |  |  |  | not-p rel to nots |  |  |  |
| Mood 128 (c) | $\begin{array}{\|c\|} \hline \mathrm{mq} / \mathrm{a} \mathrm{~s}^{(\mathrm{rel}} \\ \mathrm{s} / \mathrm{abs})^{\prime} \\ \hline \end{array}$ |  | not-n |  |  |  |  |  |  | not-m |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Mood 131 | $\mid$ |  | n | p rel tos S |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Mood 132 (b) | $\begin{gathered} \mathrm{np/mq} \\ (\mathrm{abs} / \mathrm{rel} \mathrm{~S}) \end{gathered}$ |  |  |  |  |  | $\begin{aligned} & \text { not-q rel } \\ & \text { to nots } \end{aligned}$ |  |  |  | not-n |  | $\begin{aligned} & \text { not-q rel } \\ & \text { to } \end{aligned}$ | $\begin{aligned} & \text { not-p rel } \\ & \text { to notS } \\ & \hline \end{aligned}$ |  |  |  |
| Mood 132 (c) | $\begin{gathered} \mathrm{np} / \mathrm{mq} \\ (\mathrm{rel} \mathrm{~S} / \mathrm{abs}) \end{gathered}$ |  |  |  |  | not-p rel to nots |  |  |  |  | not-n | $\begin{array}{\|c\|c\|} \hline \text { not-p rel } \\ \text { to } \mathrm{S} \end{array}$ |  |  | not-q rel to nots |  |  |
| Mood 133 (b) | $\begin{gathered} \mathrm{np} / \mathrm{np} \\ (\mathrm{abs} / \mathrm{rel} \text { S) } \end{gathered}$ |  | n |  |  | not-p rel to nots |  | pabs |  |  |  |  |  |  |  |  |  |
| Mood 133 (c) | $\begin{array}{\|c\|} \hline \mathrm{np/np} \\ \mathrm{~s} / \mathrm{abs}) \\ \hline \text { (rel } \\ \hline \end{array}$ |  | n |  |  | not-p rel to nots |  | pabs |  |  |  |  |  |  |  |  |  |
| Mood 134 (b) | $\begin{gathered} \mathrm{np} / \mathrm{pq} \\ \text { (abs } / \mathrm{rel} \text { ) } \end{gathered}$ | not-m |  |  |  | not-p rel to nots | $\left\|\begin{array}{c} \text { not-q rel } \\ \text { to notS } \end{array}\right\|$ |  |  |  | not-n |  | $\begin{aligned} & \text { not-q rel } \\ & \text { to } S \end{aligned}$ | $\begin{array}{\|c\|c\|} \hline \text { not-p rel } \\ \text { to nots } \end{array}$ | $\begin{array}{\|l\|l\|} \hline \text { not-q rel } \\ \text { to nots } \end{array}$ |  |  |
| Mood 134 (c) | $\left\lvert\, \begin{gathered} \mathrm{np} / \mathrm{pq} \\ \mathrm{~s} / \mathrm{abs})^{(\mathrm{relel}} \mid \\ \hline \end{gathered}\right.$ | not-m |  |  |  |  |  |  |  |  | not-n |  |  |  |  |  |  |
| Mood 135 | $\underset{\text { to })}{\mathrm{np} / \mathrm{mel}}$ |  |  |  |  | $\begin{aligned} & \text { not-p rel } \\ & \text { to nots } \end{aligned}$ |  |  |  |  | not-n | $\begin{array}{\|c\|} \hline \begin{array}{c} \text { not-p rel } \\ \text { to } \mathrm{s} \end{array} \\ \hline \end{array}$ |  |  | $\begin{aligned} & \text { not-q rel } \\ & \text { to nots } \end{aligned}$ |  |  |
| Mood 136 | $\mathrm{np} / \mathrm{n}_{\mathrm{to} \mathrm{~S})}^{(\text {rel }}$ |  | n |  |  | $\begin{aligned} & \text { not-p rel } \\ & \text { to nots } \end{aligned}$ |  | pabs |  |  |  |  |  |  |  |  |  |
| Mood 137 (b) | $\begin{array}{\|cc\|} \hline \mathrm{np} / \mathrm{p} \\ / \mathrm{rel} \text { s) } & \text { (abs } \\ \hline \end{array}$ | not-m |  |  |  | not-p rel to nots |  |  |  |  | not-n |  |  |  | not-q rel to notS |  |  |
| Mood 137 (c) | $\begin{array}{\|c\|} \hline \mathrm{np} / \mathrm{p} / \mathrm{p} / \mathrm{rel} \mid \\ \mathrm{s} \text { (abs) } \end{array}$ | not-m |  |  |  |  |  |  |  |  | not-n |  |  |  |  |  |  |
| Mood 138 (b) | $\begin{array}{\|c\|c\|} \left.\hline \begin{array}{c} \text { np/q } \\ / \text { rel } \\ \hline \end{array}\right) \\ \hline \end{array}$ |  |  |  |  |  | $\begin{aligned} & \text { not-q rel } \\ & \text { to nots } \end{aligned}$ |  |  |  | not-n |  | $\begin{aligned} & \text { not-q rel } \\ & \text { to } S \end{aligned}$ | $\begin{aligned} & \text { not-p rel } \\ & \text { to nots } \end{aligned}$ |  |  |  |
| Mood 138 (c) | $\begin{array}{\|l\|l\|} \hline \mathrm{np} / \mathrm{q} \\ \mathrm{~s} / \mathrm{abs}) \\ \hline \text { rel } \\ \hline \end{array}$ |  |  |  |  |  |  |  |  |  | not-n |  |  |  |  |  |  |
| Mood 141 | $\underset{\text { to S) }}{\text { (rel }}$ |  |  | p rel to S | q rel to S |  |  |  |  |  |  |  |  |  |  |  |  |
| Mood 142 (b) | $\begin{gathered} \mathrm{pq} / \mathrm{mq} \\ \text { (abs } / \mathrm{rel} \mathrm{~S}) \end{gathered}$ |  | not-n |  |  |  |  |  |  |  | not-n |  |  |  |  |  |  |
| Mood 142 (c) | $\underset{(\mathrm{rel} \mathrm{~S} / \mathrm{abs})}{\mathrm{pq} / \mathrm{aq}}$ |  | not-n |  |  | not-p rel to nots | $\begin{aligned} & \text { not-q rel } \\ & \text { to nots } \end{aligned}$ |  |  |  | not-n | $\begin{array}{\|c} \hline \text { not-p rel } \\ \text { to } \mathrm{S} \end{array}$ | $\begin{gathered} \text { not-q rel } \\ \text { to } \mathrm{S} \end{gathered}$ |  | not-q rel to notS |  |  |
| Mood 143 (b) | $\begin{array}{\|c\|} \hline \mathrm{pq} / \mathrm{np} \mathrm{~s} \\ (\mathrm{abs} / \mathrm{rel} \mathrm{~S}) \\ \hline \end{array}$ | not-m |  |  |  |  |  |  |  | not-m |  |  |  |  |  |  |  |
| Mood 143 (c) | $\begin{array}{\|c\|} \hline \mathrm{pq} / \mathrm{np} \\ \mathrm{~s} / \mathrm{abs}) \\ \hline \text { (rel } \\ \hline \end{array}$ | not-m |  |  |  | $\begin{aligned} & \text { not-p rel } \\ & \text { to nots } \end{aligned}$ | $\begin{aligned} & \text { not-q rel } \\ & \text { to notS } \end{aligned}$ |  |  | not-m |  | $\begin{array}{\|c\|c\|c\|c\|c\|c\|c\|} \text { not-p rel } \\ \text { to } \end{array}$ | $\begin{aligned} & \text { not-q rel } \\ & \text { to } S \end{aligned}$ | $\begin{aligned} & \text { not-p rel } \\ & \text { to nots } \end{aligned}$ |  |  |  |
| Mood 144 (b) | $\begin{array}{\|c\|} \hline \mathrm{pq} / \mathrm{pq} \\ (\mathrm{abs} / \mathrm{rel} \mathrm{~S}) \end{array}$ |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Mood 144 (c) |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Mood 145 | $\mid$ |  | not-n |  |  | $\begin{aligned} & \text { not-p relf } \\ & \text { to nots } \end{aligned}$ | $\begin{aligned} & \text { not-q rel } \\ & \text { to nots } \end{aligned}$ |  |  |  | not-n | $\begin{array}{\|c\|} \hline \begin{array}{c} \text { not-p rel } \\ \text { to } \end{array} \\ \hline \end{array}$ | $\begin{aligned} & \text { not-q rel } \\ & \text { to } S \end{aligned}$ |  | $\begin{aligned} & \text { not-q rel } \\ & \text { to nots } \end{aligned}$ |  |  |
| Mood 146 | $\begin{array}{\|l\|} \hline \mathrm{pq} / \mathrm{n} \\ \text { to } \mathrm{S}) \end{array} \text { (rel }$ | not-m |  |  |  | not-p rel to nots | $\begin{aligned} & \text { not-q rel } \\ & \text { to nots } \end{aligned}$ |  |  | not-m |  | $\begin{array}{\|c} \text { not-p rel } \\ \text { to } \end{array}$ | $\begin{array}{\|c\|} \hline \begin{array}{c} \text { not-q rel } \\ \text { to } s \end{array} \\ \hline \end{array}$ | $\begin{aligned} & \text { not-p rel } \\ & \text { to nots } \end{aligned}$ |  |  |  |
| Mood 147 (b) |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Mood 147 (c) | $\begin{array}{\|l\|} \hline \mathrm{pq} / \mathrm{p} \\ \mathrm{~s} / \mathrm{abs}) \\ \hline \end{array}$ |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Mood 148 (b) |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Mood 148 (c) | $\begin{array}{\|c\|c\|} \hline \mathrm{pq} / \mathrm{q} \\ \mathrm{~s} / \mathrm{abs}) \end{array}$ |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |


| Causative conclusions (i.e. wifiems PR) |  |  |  |  |  |  |  |  |  | Preventive conclusions (i.e. witiems PnotR) |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Mood \# | Causative Premises | m (PR) | n (PR) | $\begin{gathered} \mathrm{p} \text { rel to } \mathrm{S} \\ \text { (PR) } \end{gathered}$ | $\begin{gathered} \mathrm{q} \text { rel to } \mathrm{S} \\ (\mathrm{PR}) \end{gathered}$ | $\begin{array}{\|c\|} \hline p \text { rel to } \\ \text { nots (PR) } \end{array}$ | $\begin{gathered} \text { q rel to } \\ \text { nots (PR) } \end{gathered}$ | $\begin{gathered} \text { pabs } \\ (\text { PR }) \end{gathered}$ | $\begin{aligned} & \text { (PR) } \\ & \text { abs } \end{aligned}$ | $\begin{array}{\|c\|} \hline \mathrm{m}_{\text {(PnotR) }} \\ \hline \end{array}$ | $n$ (PnotR) | $\begin{array}{c}\mathrm{p} \text { rel to } \mathrm{S} \\ \text { (PnotR) }\end{array}$ | $\begin{aligned} & \text { q rel to } \mathrm{S} \\ & \text { (PnotR) } \end{aligned}$ | $\begin{array}{\|l\|l} \hline \text { prel to } \\ \text { nots } \\ \text { (PnotR) } \end{array}$ (PnotR | $\begin{array}{\|c} \hline \text { q rel to to } \\ \text { nots } \\ \text { (PnotR) } \end{array}$ | $\begin{array}{\|c} \hline \text { pabs } \\ \text { (PnotR) } \end{array}$ | $\begin{gathered} \text { cabs } \\ \text { (PnotR) } \end{gathered}$ |
| Figure One |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Mood 151 | m/mn | m |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Mood 152 | $\mathrm{m}_{\mathrm{tog}}^{\mathrm{to})} \text { (rel }$ | m |  |  |  |  | not-q rel to nots |  | q abs |  |  |  |  |  |  |  |  |
| Mood 153 | $\left\lvert\, \begin{aligned} & \mathrm{m} / \mathrm{np} \\ & \text { to S) } \\ & \text { (rel } \\ & \hline \end{aligned}\right.$ |  |  |  |  | not-p rel to notS |  |  |  | not-m |  | $\begin{array}{\|c\|} \hline \text { not-p rel } \\ \text { to } S \end{array}$ |  |  | not-q rel to nots |  |  |
| Mood 154 | $\operatorname{mog}_{\text {to }}(\mathrm{rel})$ |  | not-n |  |  | not-p rel to notS | $\begin{aligned} & \text { not-q rel } \\ & \text { to notS } \end{aligned}$ |  |  | not-m |  | $\begin{aligned} & \text { not-p rel } \\ & \text { to } \mathrm{S} \end{aligned}$ |  | $\begin{aligned} & \text { not-p rel } \\ & \text { to nots } \end{aligned}$ | $\begin{aligned} & \text { not-q rel } \\ & \text { to nots } \end{aligned}$ |  |  |
| Mood 155 | m/m | m |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Mood 156 | m/n |  |  |  |  |  |  |  |  | not-m |  |  |  |  |  |  |  |
| Mood 157 | $\mid \mathrm{m}^{\prime \mathrm{p}}{ }^{\text {to S) }} \text { (rel } \mid$ |  |  |  |  | not-p rel to nots |  |  |  | not-m |  | $\begin{gathered} \text { not-p rel } \\ \text { to } \mathrm{S} \end{gathered}$ |  |  | $\begin{array}{\|l\|l\|} \text { not-q rel } \\ \text { to notS } \end{array}$ |  |  |
| Mood 158 | $\mathrm{m}^{\mathrm{m} / \mathrm{q}} \text { to s) }{ }^{(\mathrm{rel})}$ |  | not-n |  |  |  | $\begin{aligned} & \text { not-q rel } \\ & \text { to notS } \end{aligned}$ |  |  | not-m |  |  |  | $\begin{aligned} & \text { not-p rel } \\ & \text { to nots } \end{aligned}$ |  |  |  |
| Mood 161 | $\mathrm{n} / \mathrm{mn}$ |  | n |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Mood 162 | $\mathrm{n}_{\mathrm{n} / \mathrm{mq}}^{\text {to })^{(\mathrm{rel}} \mid}$ |  |  |  |  |  | not-q rel to nots |  |  |  | not-n |  | $\begin{aligned} & \hline \text { not-q rel } \\ & \text { to } \mathrm{S} \end{aligned}$ | $\begin{array}{\|l\|} \hline \text { not-p rel } \\ \text { to nots } \end{array}$ |  |  |  |
| Mood 163 | $\mathrm{n}_{\mathrm{to}, \mathrm{~S})}^{\text {(rel }}$ |  | $n$ |  |  | not-p rel to nots |  | pabs |  |  |  |  |  |  |  |  |  |
| Mood 164 | $\left\lvert\, \begin{aligned} & \mathrm{n} / \mathrm{pq} \\ & \text { to } \mathrm{S}) \\ & \text { (rel } \end{aligned}\right.$ | not-m |  |  |  | not-p rel to nots | $\begin{array}{\|c\|c\|} \hline \text { not-q rel } \\ \text { to notS } \end{array}$ |  |  |  | not-n |  | $\begin{gathered} \text { not-q rel } \\ \text { to } S \end{gathered}$ | $\left\lvert\, \begin{gathered} \text { not-p rel } \\ \text { to nots } \end{gathered}\right.$ | $\begin{array}{\|c\|c} \text { not-q rel } \\ \text { to notS } \end{array}$ |  |  |
| Mood 165 | $\mathrm{n} / \mathrm{m}$ |  |  |  |  |  |  |  |  |  | not-n |  |  |  |  |  |  |
| Mood 166 | $\mathrm{n} / \mathrm{n}$ |  | $n$ |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Mood 167 | $\left\lvert\, \begin{array}{ll} \mathrm{n} / \mathrm{p} & \\ & \text { to } \mathrm{S}^{(\mathrm{rel}} \mid \\ \hline \end{array}\right.$ | not-m |  |  |  | $\begin{aligned} & \text { not-p rel } \\ & \text { to nots } \end{aligned}$ |  |  |  |  | not-n |  |  |  | $\begin{array}{\|c\|c} \text { not-q rel } \\ \text { to notS } \end{array}$ |  |  |
| Mood 168 | $\mathrm{n}^{\mathrm{n} / \mathrm{q}}{ }^{\text {to } \mathrm{S})}{ }^{(\mathrm{rel} \mid} \mid$ |  |  |  |  |  | $\begin{aligned} & \text { not-q er rel } \\ & \text { to nots } \end{aligned}$ |  |  |  | not-n |  | $\begin{aligned} & \text { not-q rel } \\ & \text { to } \mathrm{S} \end{aligned}$ | $\begin{aligned} & \text { not-p rel } \\ & \text { to nots } \end{aligned}$ |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Mood 171 | $\begin{array}{\|l\|l\|} \hline \mathrm{p} / \mathrm{mn} \text { tos) }{ }^{(\mathrm{rel} \mid} \mid \end{array}$ |  |  | p rel to S |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Mood 172 (b) | $\begin{array}{\|c} \hline \mathrm{p} / \mathrm{mq} \\ (\mathrm{abs} / \mathrm{rel} \\ \hline \end{array}$ |  |  |  |  |  |  |  |  |  | not-n |  |  |  |  |  |  |
| Mood 172 (c) | $\underset{\mathrm{p} / \mathrm{mq}(\mathrm{rel}}{\mathrm{s} / \mathrm{abs})}$ |  |  |  |  | not-p rel to nots |  |  |  |  | not-n | $\begin{array}{\|c\|} \hline \text { not-p rel } \\ \text { to } \mathrm{S} \end{array}$ |  |  | $\begin{gathered} \text { not-q rel } \\ \text { to notS } \end{gathered}$ |  |  |
| Mood 173 (b) | $\begin{gathered} \mathrm{p} / \mathrm{np} \\ (\mathrm{abs} / \mathrm{rel} \text { S }) \end{gathered}$ | not-m |  |  |  |  |  |  |  | not-m |  |  |  |  |  |  |  |
| Mood 173 (c) | $\mid \mathrm{p} / \mathrm{np}{ }_{\mathbf{S} / \mathrm{abs})^{(\mathrm{rel}} \mid}$ | not-m |  |  |  | $\begin{aligned} & \text { not-p rel } \\ & \text { to not } \end{aligned}$ |  |  |  | not-m |  | $\begin{aligned} & \text { not-p rel } \\ & \text { to } \mathrm{S} \end{aligned}$ |  |  |  |  |  |
| Mood 174 (b) | $\begin{gathered} \mathrm{p} / \mathrm{pq} \\ (\mathrm{abs} / \mathrm{rel} \mathrm{~S}) \end{gathered}$ |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Mood 174 (c) | $\begin{array}{\|c} \hline \mathrm{abs} / \mathrm{eq}) \\ \hline \\ (\mathrm{rel} / \mathrm{s} / \mathrm{abs}) \\ \hline \end{array}$ |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Mood 175 | $\mathrm{p}^{2} \mathrm{~m} \text { to s) }{ }^{(\mathrm{rel}}$ |  |  |  |  | $\begin{aligned} & \text { not-p rel } \\ & \text { to nots } \end{aligned}$ |  |  |  |  | not-n | $\begin{array}{\|c\|} \hline \begin{array}{c} \text { not-p rel } \\ \text { to } S \end{array} \\ \hline \end{array}$ |  |  | $\begin{aligned} & \text { not-q rel } \\ & \text { to notS } \end{aligned}$ |  |  |
| Mood 176 | $\begin{array}{\|l\|l\|} \hline \text { p/n } & \\ & \text { (res) } \\ & \\ \hline \end{array}$ | not-m |  |  |  | not-p rel to notS |  |  |  | not-m |  | $\begin{aligned} & \text { not-p rel } \\ & \text { to } \mathrm{S} \end{aligned}$ |  |  |  |  |  |
| Mood 177 (b) | $\left.\mathrm{p}^{\mathrm{p} / \mathrm{p}} / \mathrm{rels}\right)^{(\text {abs }}$ |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Mood 177 (c) |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Mood 178 (b) | $\begin{aligned} & \mathrm{p}^{\prime / q} / \text { rel s) } \\ & \text { (abs } \\ & \hline \end{aligned}$ |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Mood 178 (c) | $\mathrm{p} / \mathrm{s} / \mathrm{s} / \mathrm{abs})_{(\mathrm{rel} \mid}$ |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Mood 181 | $\underset{\text { to } \left.)^{(r e l}\right)}{ }$ |  |  |  | q rel to S |  |  |  |  |  |  |  |  |  |  |  |  |
| Mood 182 (b) | q/mq |  | not-n |  |  |  |  |  |  |  | not-n |  |  |  |  |  |  |
| Mood 182 (c) | $\underset{\substack{\mathrm{q} / \mathrm{mq} \\ \mathrm{~s} / \mathrm{abs})}}{ }(\mathrm{rel} \mid$ |  | not-n |  |  |  | $\begin{aligned} & \text { not-q rel } \\ & \text { to notS } \end{aligned}$ |  |  |  | not-n |  | $\begin{aligned} & \text { not-q rel } \\ & \text { to } \mathrm{S} \end{aligned}$ |  |  |  |  |
| Mood 183 (b) | $\begin{gathered} \mathrm{q} / \mathrm{np} \\ (\mathrm{abs} / \mathrm{rel} \mathrm{~S}) \end{gathered}$ |  |  |  |  |  |  |  |  | not-m |  |  |  |  |  |  |  |
| Mood 183 (c) | $\left\lvert\, \begin{gathered} \mathrm{q} / \mathrm{np} \\ \mathrm{~s} / \mathrm{abs})^{(\mathrm{rel}} \\ \hline \end{gathered}\right.$ |  |  |  |  |  | $\begin{aligned} & \text { not-q rel } \\ & \text { to nots } \end{aligned}$ |  |  | not-m |  |  | $\begin{array}{\|c} \text { not-q rel } \\ \text { to } \mathrm{S} \end{array}$ | $\begin{array}{\|l\|l\|} \text { not-p rel } \\ \text { to nots } \end{array}$ |  |  |  |
| Mood 184 (b) | $\underset{(\mathrm{abs} / \mathrm{rel} \mathrm{~S})}{\mathrm{q} / \mathrm{c}^{2}}$ |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Mood 184 (c) | $\begin{array}{\|c} \hline \mathrm{q} / \mathrm{pq} \\ (\mathrm{rel} \mathrm{~S} / \mathrm{abs}) \\ \hline \end{array}$ |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Mood 185 | $q^{q^{\prime m}}{ }_{\text {to })^{(\mathrm{rel}}}$ |  | not-n |  |  |  | not-q rel to nots |  |  |  | not-n |  | $\begin{array}{\|l\|l\|} \hline \text { not-q rel } \\ \text { to } \mathrm{S} \end{array}$ |  |  |  |  |
| Mood 186 | $q^{\prime / n} \text { to } S^{(r e l} \mid$ |  |  |  |  |  | $\begin{aligned} & \text { not-q rel } \\ & \text { to nots } \end{aligned}$ |  |  | not-m |  |  | $\begin{aligned} & \text { not-q rel } \\ & \text { to } \mathrm{S} \end{aligned}$ | $\left\lvert\, \begin{gathered} \text { not-p rel } \\ \text { to nots } \end{gathered}\right.$ |  |  |  |
| Mood 187 (b) | $\mathrm{q}_{\text {/ rel s) }}^{\text {(abs }}$ |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Mood 187 (c) | $\begin{gathered} \mathrm{q/p} \\ \mathrm{~s} / \mathrm{abs}) \end{gathered}$ |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Mood 188 (b) | $\begin{array}{\|l\|l\|} \hline \alpha / \mathrm{rabs} \\ \hline \text { rel })^{(\text {abs }} \end{array}$ |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Mood 188 (c) |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Statistics | 89 | 22 | 22 | 6 | 6 | 24 | 24 | 4 | 4 | 23 | 23 | 16 | 16 | 16 | 16 | 0 | 0 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |


|  |  | Causative conclusions (i.e. w/items PR) |  |  |  |  |  |  |  | Preventive conclusions (i.e. witiems Pnotr) |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Mood \# | Causative Premises | m (PR) | n (PR) | $\begin{array}{\|c} \mathrm{p} \text { rel to } \mathrm{S} \\ \text { (PR) } \end{array}$ | $\begin{gathered} \text { q rel to } S \\ (\text { PR) } \end{gathered}$ | $\begin{array}{\|c\|c\|} \hline \text { p rel to } \\ \text { notS (PR) } \end{array}$ | $\begin{gathered} \mathrm{q} \text { rel to } \\ \text { notS (PR) } \\ \hline \end{gathered}$ | $\begin{aligned} & \text { pabs } \\ & (\mathrm{PR}) \end{aligned}$ | $\begin{aligned} & q \text { abs } \\ & (\mathrm{PR}) \end{aligned}$ | $\begin{array}{\|c\|} \hline \mathrm{m} \\ \text { (PnotR) } \\ \hline \end{array}$ | $n$ (PnotR) | $\begin{aligned} & \text { p rel to s } \\ & \text { (PnotR) } \end{aligned}$ | $\begin{aligned} & \text { q rel to } S \\ & \text { (PnotR) } \end{aligned}$ | $\begin{array}{\|l\|l\|} \hline \text { p rel to to } \\ \text { nots } \\ \text { (PnotR) } \end{array}$ | $\begin{aligned} & \text { q rel to } \\ & \text { nots } \\ & \text { (PnotR) } \end{aligned}$ | $\begin{gathered} \text { pabs } \\ \text { (PnotR) } \end{gathered}$ | $\underset{\substack{\text { (PnotR) } \\ \text { (Pnot }}}{ }$ |
| Figure Two |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 211 | mn/mn | m | $n$ |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 212 | $\mathrm{mn} / \mathrm{mq}$ <br> (rel to | m |  |  | q rel to S |  |  |  |  |  |  |  |  |  |  |  |  |
| 213 | $\begin{aligned} & \mathrm{mn} / \mathrm{np} \\ & \text { (rel to S) } \end{aligned}$ |  | n | p rel tos |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 214 | $\begin{gathered} \mathrm{mn} / \mathrm{pq} \\ (\mathrm{rel} \text { to } \mathrm{S}) \end{gathered}$ |  |  | p rel tos | q rel to S |  |  |  |  |  |  |  |  |  |  |  |  |
| 215 | $\mathrm{mn} / \mathrm{m}$ | m |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 216 | mn/n |  | $n$ |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 217 | $\begin{array}{\|c\|c\|} \hline \mathrm{mn} / \mathrm{p} \mathrm{tos}^{(\mathrm{rel}} \mid \\ \hline \end{array}$ |  |  | prel tos |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 218 | $\begin{array}{\|c\|} \hline \mathrm{mn} / \mathrm{q} \\ \text { to } \mathrm{S}) \end{array} \text { (rel\|}$ |  |  |  | q rel to S |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 221 | $\begin{gathered} \mathrm{mq}_{\mathrm{mqn}}^{\mathrm{mn}} \\ (\text { (ell to } \mathrm{S}) \end{gathered}$ |  | n |  |  | $\begin{aligned} & \text { p rel to to } \\ & \text { nots } \\ & \hline \end{aligned}$ |  |  |  |  |  |  |  |  |  |  |  |
| 222 (b) | $\begin{array}{c\|} \mathrm{mq} / \mathrm{mq} \\ (\mathrm{abs} / \mathrm{rel}) \end{array}$ |  |  |  |  |  | $\begin{array}{\|c\|} \hline \begin{array}{c} \text { not-q rel } \\ \text { to notS } \end{array} \\ \hline \end{array}$ |  |  |  | not-n |  | $\begin{gathered} \text { not-q rel } \\ \text { to } \end{gathered}$ | $\begin{array}{\|c\|} \begin{array}{c} \text { not-p rel } \\ \text { to nots } \end{array} \\ \hline \end{array}$ |  |  |  |
| 222 (c) | $\underset{(\mathrm{rel} \mathrm{~S} / \mathrm{abs})}{\mathrm{mq} / \mathrm{mq}}$ |  |  | $\begin{array}{\|c} \begin{array}{c} \text { not-p rel } \\ \text { to } \mathrm{S} \end{array} \\ \hline \end{array}$ |  |  |  |  |  |  | not-n |  | $\begin{array}{\|l} \hline \text { not-q rel } \\ \text { to } S \end{array}$ | $\begin{array}{\|l\|l\|} \text { not-p rel } \\ \text { to nots } \end{array}$ |  |  |  |
| 223 (b) | $\begin{array}{\|c\|} \hline \mathrm{mq} / \mathrm{np} \\ (\mathrm{abs} / \mathrm{rel} \mathrm{~S}) \\ \hline \end{array}$ |  | n |  |  | $\begin{gathered} \text { not-p rel } \\ \text { to nots } \end{gathered}$ |  | pabs |  |  |  |  |  |  |  |  |  |
| 223 (c) | $\underset{\mathrm{s} / \mathrm{abs})^{\text {rel }}}{ }$ |  | n | $\begin{gathered} \text { not-p rel } \\ \text { to } S \end{gathered}$ |  |  |  | pabs |  |  |  |  |  |  |  |  |  |
| 224 (b) | $\underset{(\mathrm{abs} / \mathrm{rel} \mathrm{~S})}{\mathrm{mq}}$ | not-m |  |  |  | $\begin{array}{\|c\|c\|} \hline \text { not-p rel } \\ \text { to nots } \end{array}$ | $\begin{array}{\|l\|l\|} \text { not-q rel } \\ \text { to nots } \end{array}$ |  |  |  | not-n |  | $\begin{array}{\|l} \hline \text { not-q rel } \\ \text { to } S \end{array}$ | $\begin{array}{\|l\|l\|} \text { not-p rel } \\ \text { to nots } \end{array}$ | $\begin{array}{\|c\|c\|c\|c\|c\|c\|c\|c\|} \text { not-q rel } \\ \text { to nots } \end{array}$ |  |  |
| 224 (c) | $\begin{array}{\|c\|} \mathrm{mq} / \mathrm{pq} \\ (\mathrm{rel} \mathrm{~s} / \mathrm{abs}) \\ \hline \end{array}$ | not-m |  |  |  |  |  |  |  |  | not-n |  |  |  |  |  |  |
| 225 | $\underset{\text { to } \mathrm{S})}{\mathrm{mq} / \mathrm{mel} \mid}$ |  |  | $\begin{aligned} & \text { not-p rel } \\ & \text { to } \mathrm{S} \end{aligned}$ |  |  |  |  |  |  | not-n |  | $\begin{array}{\|c\|} \text { not-q rel } \\ \text { to } S \end{array}$ | $\begin{aligned} & \text { not-p rel } \\ & \text { to nots } \end{aligned}$ |  |  |  |
| 226 | $\underset{\text { to } \mathrm{S})}{\mathrm{mq} / \mathrm{rel}}$ |  | n | $\begin{array}{\|l\|} \hline \text { not-p rel } \\ \text { to } \mathrm{S} \\ \hline \end{array}$ |  |  |  | pabs |  |  |  |  |  |  |  |  |  |
| 227 (b) | $\underset{(\mathrm{abs} / \mathrm{rel} \mathrm{~s})}{\mathrm{mq} / \mathrm{p}}$ | not-m |  |  |  | $\begin{aligned} & \text { not-p rel } \\ & \text { to nots } \end{aligned}$ |  |  |  |  | not-n |  |  |  | not-q rel to nots |  |  |
| 227 (c) | $\begin{array}{\|c\|} \hline \mathrm{mq} / \mathrm{p} \\ \mathrm{~s} / \mathrm{abs})^{\text {(rel }} \\ \hline \end{array}$ | not-m |  |  |  |  |  |  |  |  | not-n |  |  |  |  |  |  |
| 228 (b) | $\underset{\mathrm{mq} / \mathrm{q}}{\text { (abs/ } \mathrm{rel} \text { S }}$ |  |  |  |  |  | $\begin{aligned} & \text { not-q rel } \\ & \text { to nots } \end{aligned}$ |  |  |  | not-n |  | $\begin{gathered} \text { not-q rel } \\ \text { to } \end{gathered}$ | $\begin{aligned} & \text { not-p rel } \\ & \text { to notS } \end{aligned}$ |  |  |  |
| 228 (c) | $\begin{array}{\|c\|} \hline \mathrm{mq} / \mathrm{q} \\ \mathrm{~s} / \mathrm{abs})^{\text {(rel }} \\ \hline \end{array}$ |  |  |  |  |  |  |  |  |  | not-n |  |  |  |  |  |  |
| 231 | $\begin{array}{\|c\|c\|c\|} \hline \text { np } / n_{\text {to }} \text { (rel } \\ \hline \end{array}$ | m |  |  |  |  | q rel to notS |  |  |  |  |  |  |  |  |  |  |
| 232 (b) | $\begin{gathered} \mathrm{np/mq} \\ \text { (abs/rel S }) \end{gathered}$ | m |  |  |  |  | $\begin{aligned} & \text { not-q rel } \\ & \text { to nots } \end{aligned}$ |  | q abs |  |  |  |  |  |  |  |  |
| 232 (c) | $\begin{gathered} \mathrm{np} / \mathrm{mq} \\ \text { (rel S/abs) } \end{gathered}$ | m |  |  | $\begin{array}{\|c\|c\|} \hline \text { not-q rel } \\ \text { to } \mathrm{S} \end{array}$ |  |  |  | q abs |  |  |  |  |  |  |  |  |
| 233 (b) | $\begin{array}{\|c\|} \hline \mathrm{np} / \mathrm{pp} \\ (\mathrm{abs} / \mathrm{rel}) \\ \hline \end{array}$ |  |  |  |  | $\begin{array}{\|c\|c\|} \hline \text { not-p rel } \\ \text { to nots } \end{array}$ |  |  |  | not-m |  | $\begin{array}{\|l} \text { not-p rel } \\ \text { to } \mathrm{S} \end{array}$ |  |  | not-q rel to notS |  |  |
| 233 (c) | $\begin{array}{\|c} \mathrm{np} / \mathrm{np} \\ \mathrm{~s} / \mathrm{abs}) \\ \hline \end{array}$ |  |  |  | $\begin{aligned} & \text { not-q rel } \\ & \text { to } \mathrm{S} \end{aligned}$ |  |  |  |  | not-m |  | $\begin{array}{\|c\|} \text { not-p rel } \\ \text { to } \end{array}$ |  |  | $\begin{aligned} & \text { not-q rel } \\ & \text { to notS } \end{aligned}$ |  |  |
| 234 (b) | $\begin{array}{\|c\|} \hline \mathrm{np} / \mathrm{pq} \\ (\mathrm{abs} / \mathrm{rel} \mathrm{~S}) \\ \hline \end{array}$ |  | not-n |  |  | $\begin{array}{\|c\|} \hline \text { not-p rel } \\ \text { to notS } \end{array}$ | $\begin{aligned} & \text { not-q rel } \\ & \text { to nots } \end{aligned}$ |  |  | not-m |  | $\begin{aligned} & \text { not-p rel } \\ & \text { to } S \end{aligned}$ |  | $\left\|\begin{array}{c} \text { not-p rel } \\ \text { to notS } \end{array}\right\|$ | $\begin{aligned} & \text { not-q rel } \\ & \text { to notS } \end{aligned}$ |  |  |
| 234 (c) | $\begin{array}{\|c\|} \hline \mathrm{np} / \mathrm{pq} \\ \mathrm{~s} / \mathrm{abs})^{\text {(rel }} \\ \hline \end{array}$ |  | not-n |  |  |  |  |  |  | not-m |  |  |  |  |  |  |  |
| 235 | $\begin{array}{\|c\|} \hline \text { np/m } / \text { aus }) \\ \text { to } s) \\ \text { (rel } \\ \hline \end{array}$ | m |  |  | $\begin{array}{\|c\|c\|} \hline \text { not-q rel } \\ \text { to } \mathrm{S} \end{array}$ |  |  |  | q abs |  |  |  |  |  |  |  |  |
| 236 | $\operatorname{mp/n}_{\text {to } S)}^{(\mathrm{rel}}$ |  |  |  | $\begin{gathered} \text { not-q rel } \\ \text { to } \mathrm{S} \end{gathered}$ |  |  |  |  | not-m |  | $\begin{array}{\|c} \begin{array}{c} \text { not-p rel } \\ \text { to } S \end{array} \\ \hline \end{array}$ |  |  | not-q rel to notS |  |  |
| 237 (b) | $\begin{array}{\|c\|c\|} \hline \text { np/p } \\ \hline \text { rel s) } \end{array}$ |  |  |  |  | $\begin{array}{\|c\|c\|} \hline \text { not-p rel } \\ \text { to nots } \end{array}$ |  |  |  | not-m |  | $\begin{array}{\|l} \hline \text { not-p rel } \\ \text { to } S \end{array}$ |  |  | $\begin{array}{\|l\|l\|} \text { not-q rel } \\ \text { to notS } \end{array}$ |  |  |
| 237 (c) | $\begin{array}{\|c\|c\|c\|} \hline \mathrm{np} / \mathrm{p} \\ \mathrm{~s} / \mathrm{abs})^{(\mathrm{rel}} \\ \hline \end{array}$ |  |  |  |  |  |  |  |  | not-m |  |  |  |  |  |  |  |
| 238 (b) |  |  | not-n |  |  |  | not-q rel to nots |  |  | not-m |  |  |  | not-p rel to nots |  |  |  |
| 238 (c) | $\begin{array}{\|c\|} \hline \mathrm{np} / \mathrm{q} \\ \mathrm{~s} / \mathrm{abs})^{(\mathrm{rel}} \\ \hline \end{array}$ |  | not-n |  |  |  |  |  |  | not-m |  |  |  |  |  |  |  |
| 241 | $\begin{aligned} & \mathrm{pq} / \mathrm{mn} \\ & \text { to } \mathrm{S}) \end{aligned} \text { (rel) }$ |  |  |  |  | prel to notS | $\begin{aligned} & \text { q rel too } \\ & \text { nonts } \end{aligned}$ |  |  |  |  |  |  |  |  |  |  |
| 242 (b) | $\mathrm{pq} / \mathrm{mq}$ (abs/rel $)$ |  | not-n |  |  |  |  |  |  |  | not-n |  |  |  |  |  |  |
| 242 (c) | $\begin{gathered} \mathrm{pq} / \mathrm{mq} \\ (\mathrm{rel} \mathrm{~S} / \mathrm{abs}) \end{gathered}$ |  | not-n | $\begin{aligned} & \text { not-p rel } \\ & \text { to } \mathrm{S} \end{aligned}$ | $\begin{aligned} & \text { not-q rel } \\ & \text { to } \mathrm{S} \end{aligned}$ |  |  |  |  |  | not-n |  | $\begin{gathered} \text { not-q rel } \\ \text { to } S \end{gathered}$ | $\begin{aligned} & \text { not-p rel } \\ & \text { to nots } \end{aligned}$ | $\begin{gathered} \text { not-q rel } \\ \text { to notS } \end{gathered}$ |  |  |
| 243 (b) | $\begin{gathered} \mathrm{pq} / \mathrm{np} \\ (\mathrm{abs} / \mathrm{rel} \mathrm{~S}) \\ \hline \end{gathered}$ | not-m |  |  |  |  |  |  |  | not-m |  |  |  |  |  |  |  |
| 243 (c) | $\begin{array}{\|c\|} \hline \mathrm{pq} / \mathrm{np} \\ \mathrm{~s} / \mathrm{abs}) \\ \hline \text { (rel } \\ \hline \end{array}$ | not-m |  | $\begin{array}{\|c\|c\|} \hline \begin{array}{c} \text { not-p rel } \\ \text { to } \mathrm{S} \end{array} \\ \hline \end{array}$ | $\begin{aligned} & \hline \text { not-q rel } \\ & \text { to } \mathrm{S} \end{aligned}$ |  |  |  |  | not-m |  | $\begin{gathered} \text { not-p rel } \\ \text { to } \mathrm{S} \end{gathered}$ |  | $\begin{array}{\|l\|l\|} \text { not-p rel } \\ \text { to nots } \end{array}$ | $\begin{array}{\|c\|c\|c\|c\|c\|c\|c\|c\|} \text { not-q rel } \\ \text { to nots } \end{array}$ |  |  |
| 244 (b) | $\begin{array}{\|c\|} \hline \mathrm{pq} / \mathrm{pq} \\ (\mathrm{abs} / \mathrm{rel}) \\ \hline \end{array}$ |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 244 (c) | $\begin{array}{\|c\|c\|} \hline \text { pabs } \\ \hline \mathrm{sqq} / \mathrm{abs}) \\ \hline \text { rel } \\ \hline \end{array}$ |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 245 | $\underset{\text { to S })}{(\mathrm{rel}}$ |  | not-n | $\begin{array}{\|c\|} \hline \begin{array}{c} \text { not-p rel } \\ \text { to } \mathrm{S} \end{array} \\ \hline \end{array}$ | $\begin{array}{\|c} \hline \text { not-q rel } \\ \text { to } \mathrm{S} \end{array}$ |  |  |  |  |  | not-n |  | $\begin{gathered} \text { not-q rel } \\ \text { to } \mathrm{S} \end{gathered}$ | $\begin{aligned} & \text { not-p rel } \\ & \text { to nots } \end{aligned}$ | $\begin{aligned} & \text { not-q rel } \\ & \text { to nots } \end{aligned}$ |  |  |
| 246 | $\mathrm{pq} / \mathrm{n}_{\mathrm{to}} \mathrm{~s}^{(\mathrm{rel}}$ | not-m |  | $\begin{array}{\|c} \hline \text { not-p rel } \\ \text { to } \mathrm{S} \end{array}$ | $\begin{array}{\|c} \hline \text { not-q rel } \\ \text { to } \mathrm{S} \\ \hline \end{array}$ |  |  |  |  | not-m |  | $\begin{gathered} \text { not-p rel } \\ \text { to } \end{gathered}$ |  | $\begin{array}{\|c\|} \begin{array}{c} \text { not-p rel } \\ \text { to nots } \end{array} \\ \hline \end{array}$ | $\begin{gathered} \text { not-q rel } \\ \text { to nots } \end{gathered}$ |  |  |
| 247 (b) |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 247 (c) | $\begin{array}{\|l\|l\|} \hline \mathrm{pq} / \mathrm{p} / \mathrm{rasel} \\ \mathrm{~s} / \mathrm{abs}) \\ \hline \end{array}$ |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 248 (b) |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 248 (c) | $\begin{array}{\|c\|c\|} \hline \mathrm{pq} / \mathrm{aq} \\ \mathrm{~s} / \mathrm{rabs}) \\ \hline \end{array}$ |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |


|  |  | Causative conclusions (i.e. wifiems PR) |  |  |  |  |  |  |  | Preventive conclusions (i.e. witiems PnotR) |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Mood\# | Causative Premises | m (PR) | n (PR) | $\underset{\substack{\mathrm{p} \\ \mathrm{p} \text { rel to } \mathrm{PR})}}{ }$ | $\begin{array}{\|c} \mathrm{q} \text { q rel to } \mathrm{S} \\ \text { (PR) } \end{array}$ | $\begin{array}{\|c} \text { p relt to } \\ \text { nots (PR) } \end{array}$ | $\begin{aligned} & \text { q relt to } \\ & \text { nots }(\text { PR) } \end{aligned}$ | $\begin{aligned} & \text { pabs } \\ & (\text { PR) } \end{aligned}$ | $\begin{aligned} & \text { (PR) } \end{aligned}$ | $\underset{\text { (PnotR) }}{m}$ | $n$ (PnotR) | Prel to S (PnotR) | $\begin{aligned} & \text { q rel to } \mathrm{S} \\ & \text { (PnotR) } \end{aligned}$ | $\begin{array}{\|l} \hline \text { prel to } \\ \text { nots } \\ \text { (PnotR) } \end{array}$ | $\begin{array}{\|c\|} \hline \text { q rel to } \\ \text { nots } \\ \text { (PnotR) } \end{array}$ | $\begin{gathered} \text { pabs } \\ \text { (PnotR) } \end{gathered}$ | $\begin{gathered} q \text { abs } \\ \text { (PnotR) } \end{gathered}$ |
| Figure Two |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 252 | $\operatorname{mimq}_{\text {to S) }}(\text { rel }$ |  |  |  |  |  | $\begin{aligned} & \text { not-q rel } \\ & \text { to nots } \end{aligned}$ |  |  |  | not-n |  | $\begin{array}{\|c\|c\|} \hline \text { not-q rel } \\ \text { to } \end{array}$ | not-p rel to nots |  |  |  |
| 253 | $\underset{\text { to S) }}{\mathrm{m} / \mathrm{np}}$ |  | n |  |  | $\begin{aligned} & \text { not-p rel } \\ & \text { to nots } \end{aligned}$ |  | pabs |  |  |  |  |  |  |  |  |  |
| 254 | $\operatorname{m} / \mathrm{pq}_{\text {to S) }}(\mathrm{rel}$ | not-m |  |  |  | $\begin{aligned} & \text { not-p rel } \\ & \text { to nots } \end{aligned}$ | not-q rel to nots |  |  |  | not-n |  | $\begin{array}{\|l\|} \hline \text { not-q rel } \\ \text { to } S \end{array}$ | not-p rel to nots | not-q rel to nots |  |  |
| 255 | m/m |  |  |  |  |  |  |  |  |  | not-n |  |  |  |  |  |  |
| 256 | m/n |  | $n$ |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 257 | $\left\lvert\, \begin{array}{ll} \mathrm{m} / \mathrm{p} & \text { (rel } \\ \text { to }) \end{array}\right.$ | not-m |  |  |  | not-p rel to nots |  |  |  |  | not-n |  |  |  | not-q rel to nots |  |  |
| 258 | $\mathrm{m} / \mathrm{q}_{\text {to s) }}{ }^{\text {(rel }}$ |  |  |  |  |  | $\begin{aligned} & \text { not-q rel } \\ & \text { to notS } \end{aligned}$ |  |  |  | not-n |  | $\left\|\begin{array}{c} \text { not-q rel } \\ \text { to } S \end{array}\right\|$ | not-p rel to nots |  |  |  |
| 261 | $\mathrm{n} / \mathrm{mn}$ | m |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 262 | $\mid \mathrm{n} / \mathrm{mq} \text { to S) }(\text { rel }$ | m |  |  |  |  | $\begin{array}{\|l\|} \hline \text { not-q rel } \\ \text { to notS } \end{array}$ |  | q abs |  |  |  |  |  |  |  |  |
| 263 | $\ln _{\text {to })}^{\text {n/rp }}$ |  |  |  |  | $\begin{array}{\|c\|c\|c\|c\|c\|c\|} \text { not-p rel } \\ \text { to notS } \end{array}$ |  |  |  | not-m |  | $\begin{aligned} & \text { not-p rel } \\ & \text { to } \mathrm{S} \end{aligned}$ |  |  | $\begin{aligned} & \text { not-q rel } \\ & \text { to nots } \end{aligned}$ |  |  |
| 264 | ${ }^{\mathrm{n} / \mathrm{pq}}{ }_{\text {to S }} \text { (rel }$ |  | not-n |  |  | $\left\lvert\, \begin{gathered} \text { not-p rel } \\ \text { to nots } \end{gathered}\right.$ | $\begin{aligned} & \text { not-q rel } \\ & \text { to nots } \end{aligned}$ |  |  | not-m |  | $\begin{gathered} \text { not-p rel } \\ \text { to } \mathrm{S} \end{gathered}$ |  | not-p rel to nots | $\left\lvert\, \begin{array}{c\|c} \text { not-q rel } \\ \text { to notS } \end{array}\right.$ |  |  |
| 265 | $\mathrm{n} / \mathrm{m}$ | m |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 266 | $\mathrm{n} / \mathrm{n}$ |  |  |  |  |  |  |  |  | not-m |  |  |  |  |  |  |  |
| 267 | $\begin{array}{\|ll\|} \hline \mathrm{n} / \mathrm{p} & \\ \text { to } \mathrm{S}) \\ & \text { (rel } \\ \hline \end{array}$ |  |  |  |  | not-p rel to nots |  |  |  | not-m |  | $\begin{aligned} & \text { not-p rel } \\ & \text { to } \mathrm{S} \end{aligned}$ |  |  | not-q rel to notS |  |  |
| 268 | $\mathrm{n}^{\mathrm{n} / \mathrm{q}} \text { to S) }{ }^{\text {(rel }}$ |  | not-n |  |  |  | $\begin{aligned} & \text { not-q rel } \\ & \text { to nots } \end{aligned}$ |  |  | not-m |  |  |  | not-p rel to nots |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 271 | $\mathrm{p}^{\mathrm{p} / \mathrm{mn}} \mathrm{tos} \text { (rel }$ |  |  |  |  |  | q rel to |  |  |  |  |  |  |  |  |  |  |
| 272 (b) | $\begin{array}{\|c\|} \hline \mathrm{p} / \mathrm{mq} \\ (\mathrm{abs} / \mathrm{rel} \mathrm{~s}) \\ \hline \end{array}$ |  | not-n |  |  |  |  |  |  |  | not-n |  |  |  |  |  |  |
| 272 (c) | $\underset{\substack{\mathrm{p} / \mathrm{mq} \\ \mathrm{~s} / \mathrm{abs}) \\ \text { (rel } \\ \hline}}{\text { (rabs }}$ |  | not-n |  | $\begin{array}{\|c\|c\|} \hline \text { not-q rel } \\ \text { to } S \\ \hline \end{array}$ |  |  |  |  |  | not-n |  |  |  | $\left\|\begin{array}{c} \text { not-q rel } \\ \text { to nots } \end{array}\right\|$ |  |  |
| 273 (b) | $\begin{array}{\|c\|} \mathrm{p} / \mathrm{np} \\ \left(\mathrm{abs}^{\mathrm{rel}} \mathrm{~S}\right) \end{array}$ |  |  |  |  |  |  |  |  | not-m |  |  |  |  |  |  |  |
| 273 (c) |  |  |  |  | $\begin{aligned} & \text { not-q rel } \\ & \text { to } \mathrm{S} \end{aligned}$ |  |  |  |  | not-m |  | $\begin{aligned} & \text { not-p rel } \\ & \text { to } \mathrm{S} \end{aligned}$ |  |  | not-q rel to notS |  |  |
| 274 (b) | $\begin{array}{c\|} \mathrm{p} / \mathrm{pq} \\ \left(\mathrm{abs}^{2} / \mathrm{rel} \mathrm{~S}\right) \end{array}$ |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 274 (c) | $\begin{array}{\|c\|} \hline \mathrm{p} / \mathrm{pq} \\ (\mathrm{rel} \mathbf{S} / \mathrm{abs}) \\ \hline \end{array}$ |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 275 | $\mid \mathrm{p} / \mathrm{m} \text { to } S)^{\text {(rel }} \mid$ |  | not-n |  | $\begin{gathered} \text { not-q rel } \\ \text { to } \mathrm{S} \end{gathered}$ |  |  |  |  |  | not-n |  |  |  | not-q rel to nots |  |  |
| 276 | $\mathrm{p}^{\mathrm{p} / \mathrm{n}} \text { to S) }{ }^{\text {(rel }}$ |  |  |  | $\begin{gathered} \text { not-q rel } \\ \text { to } \mathrm{S} \end{gathered}$ |  |  |  |  | not-m |  | $\underset{\substack{\text { not-p rel } \\ \text { to } S}}{ }$ |  |  | not-q rel to nots |  |  |
| 277 (b) | $\left.\mathrm{p}^{\mathrm{p} / \mathrm{p}} / \mathrm{rel} \mathrm{~s}\right)^{(\mathrm{abs}}$ |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 277 (c) |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 278 (b) | $\begin{aligned} & \text { p/q } / \mathrm{rel} \mathrm{~S})^{\text {(abs }} \\ & \hline \end{aligned}$ |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 278 (c) | $\mathrm{p}^{\mathrm{p} / \mathrm{q} / \mathrm{abs})^{(\mathrm{rel}} \mid}$ |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 281 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | $\begin{array}{\|c\|c\|} \hline / \mathrm{mn} \\ \text { to } \mathrm{S}) \\ (\mathrm{rel} \\ \hline \end{array}$ |  |  |  |  | p rel to nots |  |  |  |  |  |  |  |  |  |  |  |
| 282 (b) | $\begin{array}{c\|} \mathrm{q} / \mathrm{mq} \\ (\mathrm{abs} / \mathrm{rels}) \\ \hline \end{array}$ |  |  |  |  |  |  |  |  |  | not-n |  |  |  |  |  |  |
| 282 (c) | $\underset{\mathrm{s} / \mathrm{mq} \mathrm{abs})}{(\mathrm{rel}}$ |  |  | $\begin{array}{\|c\|} \hline \begin{array}{c} \text { not-p rel } \\ \text { to } S \end{array} \\ \hline \end{array}$ |  |  |  |  |  |  | not-n |  | $\begin{gathered} \text { not-q rel } \\ \text { to } S \end{gathered}$ | not-p rel to nots |  |  |  |
| 283 (b) | $\begin{gathered} \mathrm{q} / \mathrm{np} \\ (\mathrm{abs} / \mathrm{rel} \mathrm{~S}) \\ \hline \end{gathered}$ | not-m |  |  |  |  |  |  |  | not-m |  |  |  |  |  |  |  |
| 283 (c) | $\underset{s / a b s)}{\text { (rel }}$ | not-m |  | $\begin{array}{\|c\|c\|} \hline \text { not-p rel } \\ \text { to } \end{array}$ |  |  |  |  |  | not-m |  |  |  | $\begin{array}{\|l\|l\|l} \text { not-p rel } \\ \text { to nots } \end{array}$ |  |  |  |
| 284 (b) | $\begin{array}{c\|} \mathrm{q} / \mathrm{pq} \\ (\mathrm{abs} / \mathrm{rel}) \\ \hline \end{array}$ |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 284 (c) | $\begin{gathered} q / \mathrm{pq} \\ (\mathrm{rel} \mathrm{~S} / \mathrm{abs}) \\ \hline \end{gathered}$ |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 285 | $q^{q / m} \quad \text { to s) }{ }^{\text {(rel }}$ |  |  | $\begin{gathered} \text { not-p rel } \\ \text { to } \mathrm{S} \end{gathered}$ |  |  |  |  |  |  | not-n |  | $\begin{array}{\|c\|c\|} \hline \text { not-q rel } \\ \text { to } S \end{array}$ | not-p rel to notS |  |  |  |
| 286 | $\left.q^{q / n} \text { to }\right)^{\text {(rel }}$ | not-m |  | $\begin{array}{\|c\|} \hline \begin{array}{c} \text { not-p rel } \\ \text { to } S \end{array} \\ \hline \end{array}$ |  |  |  |  |  | not-m |  |  |  | not-p rel to nots |  |  |  |
| 287 (b) | $\left.\left.\right\|^{q / \mathrm{p}} / \mathrm{rel} \mathrm{~S}\right)^{(\mathrm{abs}}$ |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 287 (c) | $\begin{array}{\|c\|} \hline \mathrm{q} / \mathrm{p} / \mathrm{a}(\text { rel } \\ \mathrm{s} / \mathrm{abs}) \end{array}$ |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 288 (b) | $\left.{ }^{\mathrm{q} / \mathrm{q}} / \mathrm{rel} \mathrm{~S}\right)^{(\mathrm{abs}}$ |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 288 (c) | $\begin{array}{\|c} \hline \alpha / q / \mathrm{abs}) \\ \text { (rel } \\ \hline \end{array}$ |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Statistics | 89 | 22 | 22 | 15 | 15 | 15 | 15 | 4 | 4 | 23 | 23 | 12 | 12 | 20 | 20 | 0 | 0 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |


| Causative conclusions (i.e. witems PR) |  |  |  |  |  |  |  |  |  | Preventive conclusions (i.e. wifiems PnotR) |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Mood\# | Causative Premises | m (PR) | n (PR) | $\begin{gathered} \text { p rel to } \mathrm{S} \\ \text { (PRR) } \end{gathered}$ | $\begin{gathered} \mathrm{q} \text { rel to } \mathrm{s} \\ \text { (PR) } \end{gathered}$ | $\begin{gathered} \hline \mathrm{p} \text { rel to } \\ \text { notS (PR) } \end{gathered}$ | $\begin{gathered} \text { q rel to } \\ \text { notS (PR) } \end{gathered}$ | $\begin{gathered} \mathrm{p} \text { abs } \\ (\mathrm{PR}) \end{gathered}$ | $\begin{aligned} & \text { q abs } \\ & \text { (PR) } \end{aligned}$ | $\underset{\text { (PnotR) }}{\mathrm{m}^{\prime}}$ | $n$ (PnotR) | $\left\lvert\, \begin{gathered} \text { prel to } S \\ (\text { PnotR) } \end{gathered}\right.$ | $\begin{aligned} & \text { q rel to } S \\ & \text { (PnotR) } \end{aligned}$ | $\begin{gathered} \text { prelt to } \\ \text { (nots } \\ \text { (PnotR) } \\ \hline \end{gathered}$ | $\begin{array}{\|l\|l\|} \hline \text { rell to } \\ \text { nots } \\ \text { (PnotR) }) \end{array}$ | $\begin{gathered} \text { pabs } \\ \text { (PnotR) } \end{gathered}$ | $\begin{gathered} q \text { abs } \\ \text { (PnotR) } \end{gathered}$ |
| Figure Three |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 311 | mn/mn | m | n |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 312 | $\underset{\substack{\mathrm{mN} / \mathrm{mq} \\ \text { (rel to } \mathrm{S}}}{\text { (rim }}$ |  | $n$ |  |  | p rel to nots |  |  |  |  |  |  |  |  |  |  |  |
| 313 | $\mathrm{mn} / \mathrm{np}$ | m |  |  |  |  | q rel to |  |  |  |  |  |  |  |  |  |  |
| 31 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 314 | mn/pq (rel to S) |  |  |  |  | prel to nots | q rel to nots |  |  |  |  |  |  |  |  |  |  |
| 315 | mn/m |  | n |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 316 | $\mathrm{mn} / \mathrm{n}$ | m |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 317 | ${ }^{\mathrm{mn} / \mathrm{p}}$ to (rel |  |  |  |  |  | q rel to nots |  |  |  |  |  |  |  |  |  |  |
| 318 | $\begin{array}{\|l\|} \hline 100) \\ \text { to } \text { (rel } \\ \hline \end{array}$ |  |  |  |  | $\begin{gathered} \hline \begin{array}{c} \text { prel to } \\ \text { nots } \end{array} \\ \hline \end{gathered}$ |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 321 | $\begin{gathered} \hline \mathrm{mq} / \mathrm{mn} \\ (\text { rel to } \mathrm{S}) \end{gathered}$ | m |  |  | q rel to S |  |  |  |  |  |  |  |  |  |  |  |  |
| 322 (b) | $\underset{(\mathrm{abs} / \mathrm{rel} \mathrm{~S})}{\substack{\text { ma }}}$ |  |  | $\begin{array}{\|l\|l} \text { not-p rel } \\ \text { to } \mathrm{S} \end{array}$ |  |  |  |  |  | not-m |  |  | $\begin{array}{\|l\|} \hline \text { not-q rel } \\ \text { to } \mathrm{S} \end{array}$ | not-p rel to notS |  |  |  |
| 322 (c) | $\underset{(\mathrm{rel} \mathrm{Sq} / \mathrm{mq}}{\mathrm{mbs})}$ |  |  |  |  |  | $\begin{aligned} & \text { not-q rel } \\ & \text { to notS } \end{aligned}$ |  |  | not-m |  |  | $\begin{aligned} & \text { not-q rel } \\ & \text { to } S \end{aligned}$ | not-p rel to notS |  |  |  |
| 323 (b) | $\begin{array}{\|c\|} \hline \mathrm{mq} / \mathrm{np} \\ (\mathrm{abs} / \mathrm{rel}) \\ \hline \end{array}$ | m |  |  | $\begin{array}{\|c\|} \hline \text { not-q rel } \\ \text { to } \mathrm{S} \end{array}$ |  |  |  | q abs |  |  |  |  |  |  |  |  |
| 323 (c) | $\left\lvert\, \begin{gathered} \mathrm{mq} / \mathrm{np} \\ \mathrm{~s} / \mathrm{abs})^{(\mathrm{rel}} \mid \\ \hline \end{gathered}\right.$ | m |  |  |  |  | $\begin{array}{\|l\|l\|l\|l\|l\|l\|} \text { not-q rel } \\ \text { to notS } \end{array}$ |  | q abs |  |  |  |  |  |  |  |  |
| 324 (b) | $\begin{gathered} \mathrm{mq} / \mathrm{pq} \\ (\mathrm{abs} / \mathrm{rel} \mathrm{~S}) \end{gathered}$ |  | not-n | $\begin{array}{\|c} \text { not-p rel } \\ \text { to } \mathrm{S} \end{array}$ | $\left\|\begin{array}{c} \text { not-q rel } \\ \text { to } S \end{array}\right\|$ |  |  |  |  | not-m |  | $\begin{array}{\|l} \left\lvert\, \begin{array}{c} \text { not-p rel } \\ \text { to } \mathrm{S} \end{array}\right. \end{array}$ | $\left\|\begin{array}{c} \text { not-q rel } \\ \text { to } \mathrm{S} \end{array}\right\|$ | not-p rel to nots |  |  |  |
| 324 (c) | $\begin{array}{\|c\|} \mathrm{mq} / \mathrm{pq} \\ (\mathrm{rel} \mathrm{~S} / \mathrm{abs}) \end{array}$ |  | not-n |  |  |  |  |  |  | not-m |  |  |  |  |  |  |  |
| 325 | ${\underset{\text { to S }}{ }(\mathrm{rel})}^{\mathrm{mq} / \mathrm{m}}$ |  |  |  |  |  | not-q rel to notS |  |  | not-m |  |  | $\left\|\begin{array}{c} \text { not-q rel } \\ \text { to } S \end{array}\right\|$ | not-p rel to nots |  |  |  |
| 326 | $\operatorname{mq}_{\text {to } \mathrm{S})}^{(\text {rel }}$ | m |  |  |  |  | $\begin{array}{\|l\|l\|} \hline \text { not-q rel } \\ \text { to nots } \end{array}$ |  | q abs |  |  |  |  |  |  |  |  |
| 327 (b) | $\underset{(\mathrm{abs} / \mathrm{rel} \mathrm{~S}}{\mathrm{mon}}$ |  | not-n |  | $\begin{array}{\|c\|} \hline \text { not-q rel } \\ \text { to } \\ \hline \end{array}$ |  |  |  |  | not-m |  | $\begin{array}{\|c\|} \hline \text { not-p rel } \\ \text { to } \mathrm{S} \\ \hline \end{array}$ |  |  |  |  |  |
| 327 (c) | $\begin{aligned} & \text { ma/p } \\ & \mathrm{s} / \mathrm{abs}) \\ & \hline \text { rel } \\ & \hline \end{aligned}$ |  | not-n |  |  |  |  |  |  | not-m |  |  |  |  |  |  |  |
| 328 (b) | $\underset{(\mathrm{abs} / \mathrm{rel} \mathrm{~S})}{\mathrm{m} / \mathrm{q}}$ |  |  | $\begin{aligned} & \text { not-p rel } \\ & \text { to S } \end{aligned}$ |  |  |  |  |  | not-m |  |  | $\begin{array}{\|l\|} \hline \text { not-q rel } \\ \text { to } S \end{array}$ | not-p rel to nots |  |  |  |
| 328 (c) | $\begin{array}{\|c\|} \hline \mathrm{mq} / \mathrm{q} \\ \mathrm{~s} / \mathrm{abs})^{(\mathrm{rel}} \\ \hline \end{array}$ |  |  |  |  |  |  |  |  | not-m |  |  |  |  |  |  |  |
| 331 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | $\mathrm{np}_{\mathrm{n} / \mathrm{mn} \mathrm{~m})}^{\text {(rel }}$ |  | n | prel tos |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 332 (b) |  |  | n | $\begin{array}{\|l\|} \hline \text { not-p rel } \\ \text { to } \mathrm{S} \end{array}$ |  |  |  | pabs |  |  |  |  |  |  |  |  |  |
| 332 (c) | $\begin{gathered} \mathrm{nel} \mathrm{~S} / \mathrm{mq} \\ \text { abs }) \end{gathered}$ |  | n |  |  | not-p rel to nots |  | pabs |  |  |  |  |  |  |  |  |  |
| 333 (b) | $\begin{gathered} \text { np/np } \\ \text { (abs } / \text { rel S) } \end{gathered}$ |  |  |  | $\begin{aligned} & \text { not-q rel } \\ & \text { to } S \end{aligned}$ |  |  |  |  |  | not-n | $\begin{array}{\|l} \hline \text { not-p rel } \\ \text { to S } \end{array}$ |  |  | not-q re to notS |  |  |
| 333 (c) | $\left\lvert\, \begin{gathered} \mathrm{np} / \mathrm{np} \\ \mathrm{~s} / \mathrm{abs})^{(\mathrm{rel}} \mid \\ \hline \end{gathered}\right.$ |  |  |  |  | $\begin{array}{\|c\|c\|c\|c\|c\|c\|} \text { not-p rel } \\ \text { to notS } \end{array}$ |  |  |  |  | not-n | $\begin{aligned} & \text { not-p rel } \\ & \text { to } \mathrm{S} \end{aligned}$ |  |  | $\begin{aligned} & \text { not-q rel } \\ & \text { to nots } \end{aligned}$ |  |  |
| 334 (b) | $\begin{gathered} \mathrm{np} / \mathrm{pq} \\ (\mathrm{abs} / \mathrm{rel} \mathrm{~S}) \end{gathered}$ | not-m |  | $\begin{array}{\|l\|l} \hline \text { not-p rel } \\ \text { to } \mathrm{S} \end{array}$ | $\begin{array}{\|l} \text { not-q rel } \\ \text { to } \mathrm{S} \end{array}$ |  |  |  |  |  | not-n | $\begin{array}{\|c} \text { not-p rel } \\ \text { to } S \end{array}$ | $\begin{array}{\|c} \text { not-q rel } \\ \text { to } \mathrm{S} \end{array}$ |  | not-q rel to nots |  |  |
| 334 (c) |  | not-m |  |  |  |  |  |  |  |  | not-n |  |  |  |  |  |  |
| 335 | $\underset{\text { to } S \text { ) }}{\text { np/ }}$ |  | n |  |  | not-p rel to nots |  | pabs |  |  |  |  |  |  |  |  |  |
| 336 | $\operatorname{lnp}_{\text {to }}^{\text {n })}(\text { rel }$ |  |  |  |  | $\begin{aligned} & \text { not-p rel } \\ & \text { to notS } \end{aligned}$ |  |  |  |  | not-n | $\begin{array}{\|c} \begin{array}{c} \text { not-p rel } \\ \text { to } \end{array} \\ \hline \end{array}$ |  |  | $\begin{aligned} & \text { notq quef } \\ & \text { to nots } \end{aligned}$ |  |  |
| 337 (b) | $\mid \mathrm{np} / \mathrm{p} / \mathrm{rel} \mathrm{~s})^{(\mathrm{abs}} \mid$ |  |  |  | $\begin{gathered} \text { not-q rel } \\ \text { to } \mathrm{S} \end{gathered}$ |  |  |  |  |  | not-n | $\begin{aligned} & \text { not-p rel } \\ & \text { to } \end{aligned}$ |  |  | not-q rel to notS |  |  |
| 337 (c) | $\begin{array}{\|c\|} \hline \mathrm{np} / \mathrm{p} \\ \mathrm{~s} / \mathrm{abs})^{(\mathrm{rel}} \\ \hline \end{array}$ |  |  |  |  |  |  |  |  |  | not-n |  |  |  |  |  |  |
| 338 (b) |  | not-m |  | $\begin{array}{\|c\|} \hline \text { not-p rel } \\ \text { to } \end{array}$ |  |  |  |  |  |  | not-n |  | $\begin{array}{\|c\|} \hline \text { not-q rel } \\ \text { to } \mathrm{S} \end{array}$ |  |  |  |  |
| 338 (c) | $\begin{array}{\|l\|} \hline \mathrm{np} / \mathrm{q} \\ \mathrm{~s} / \mathrm{abs}) \\ \hline \end{array}$ | not-m |  |  |  |  |  |  |  |  | not-n |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 341 | $\begin{array}{\|c\|c\|} \hline \mathrm{pq} / \mathrm{mn} \\ \text { to } \end{array} \text { (rel\| }$ |  |  | p rel to S | q rel to s |  |  |  |  |  |  |  |  |  |  |  |  |
| 342 (b) | $\begin{gathered} \mathrm{pq} / \mathrm{mq} \\ (\mathrm{abs} / \mathrm{rel} \mathrm{~S}) \end{gathered}$ | not-m |  |  |  |  |  |  |  | not-m |  |  |  |  |  |  |  |
| 342 (c) | $\begin{gathered} \mathrm{pq} / \mathrm{mq} \\ \text { (rel S/abs) } \end{gathered}$ | not-m |  |  |  | $\begin{array}{\|l\|l\|} \text { not-p rel } \\ \text { to nots } \end{array}$ | $\begin{aligned} & \text { not-q rel } \\ & \text { to notS } \end{aligned}$ |  |  | not-m |  | $\begin{array}{\|l\|l} \hline \text { not-p rel } \\ \text { to } \mathrm{S} \end{array}$ | $\begin{array}{\|c\|} \hline \text { not-q rel } \\ \text { to } S \end{array}$ | not-p rel to nots |  |  |  |
| 343 (b) | $\begin{array}{\|c\|} \hline \mathrm{pq} / \mathrm{np} \\ (\mathrm{abs} / \mathrm{rel}) \\ \hline \end{array}$ |  | not-n |  |  |  |  |  |  |  | not-n |  |  |  |  |  |  |
| 343 (c) | $\begin{array}{\|c\|} \hline \mathrm{pq} / \mathrm{np} \\ \mathrm{~s} / \mathrm{abs})^{(\mathrm{rel}} \\ \hline \end{array}$ |  | not-n |  |  | $\begin{array}{\|c\|c\|c\|c\|c\|} \text { not-p rel } \\ \text { to notS } \end{array}$ | not-q rel to nots |  |  |  | not-n | $\begin{aligned} & \text { not-p rel } \\ & \text { to } \mathrm{S} \end{aligned}$ | $\left\|\begin{array}{c} \text { not-q rel } \\ \text { to } S \end{array}\right\|$ |  | $\begin{array}{\|l} \begin{array}{c} \text { not-q rel } \\ \text { to nots } \end{array} \\ \hline \end{array}$ |  |  |
| 344 (b) | $\begin{gathered} \mathrm{pq} / \mathrm{pq} \\ (\mathrm{abs} / \mathrm{rel} \mathrm{~S}) \end{gathered}$ |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 344 (c) | $\begin{array}{\|c\|c\|} \hline \mathrm{pq} / \mathrm{pq} \\ \mathrm{~s} / \mathrm{rabs}) \end{array}$ |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 345 | $\begin{array}{\|c\|} \hline \mathrm{pq} / \mathrm{m} \\ \text { to S) } \end{array}$ | not-m |  |  |  | $\begin{array}{\|c\|c\|} \begin{array}{c} \text { not-p rel } \\ \text { to nots } \end{array} \\ \hline \end{array}$ | $\begin{array}{\|c\|} \hline \begin{array}{c} \text { not-q rel } \\ \text { to notS } \end{array} \\ \hline \end{array}$ |  |  | not-m |  | $\begin{array}{\|c\|c\|} \hline \text { not-p rel } \\ \text { to } \end{array}$ | $\begin{array}{\|l\|l\|} \hline \text { not-q rel } \\ \text { to } S \end{array}$ | not-p rel to nots |  |  |  |
| 346 | $\begin{aligned} & \mathrm{pq} / \mathrm{n}{ }_{\text {to }}(\text { rel } \end{aligned}$ |  | not-n |  |  | $\begin{aligned} & \text { not-p rel } \\ & \text { to notS } \end{aligned}$ | $\begin{array}{\|c\|c\|} \hline \text { not-q rel } \\ \text { to notS } \end{array}$ |  |  |  | not-n | $\begin{array}{\|l} \text { not-p rel } \\ \text { to S } \end{array}$ | $\begin{array}{\|l\|} \hline \text { not-q rel } \\ \text { to } \mathrm{S} \end{array}$ |  | not-q rel to nots |  |  |
| 347 (b) | $\left\lvert\, \begin{array}{ll} \mathrm{pq} / \mathrm{p} / \mathrm{rel} \mathrm{~s}^{(\mathrm{abs}} \\ \hline \end{array}\right.$ |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 347 (c) | $\begin{array}{\|l\|} \hline \mathrm{pq} / \mathrm{p} / \mathrm{p} \\ \mathrm{~s} / \mathrm{abs})^{\prime} \\ \hline \end{array}$ |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 348 (b) | $\begin{array}{\|l\|l} \hline \mathrm{pq} / \mathrm{q} \\ \mathrm{prel} \mathrm{~s}) \\ \hline \end{array}$ |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 348 (c) | $\begin{array}{\|c\|c\|} \hline \text { pq/q } \\ \mathrm{s} / \mathrm{abs}) \\ \hline \end{array}$ |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |


|  |  | Causative conclusions (i.e. w/items PR) |  |  |  |  |  |  |  | Preventive conclusions (i.e. witiems PnotR) |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Mood \# | Causative Premises | m (PR) | $n$ (PR) | $\begin{gathered} \text { p rel to } \mathrm{S} \\ \text { (PR) } \end{gathered}$ | $\underset{(P R)}{q \text { rel to } S}$ | $\begin{gathered} \mathrm{p} \text { rel to } \\ \text { nots (PR) } \end{gathered}$ | $\begin{gathered} \text { q rel to } \\ \text { notS (PR) } \end{gathered}$ | $\begin{aligned} & \text { pabs } \\ & (\mathrm{PR}) \end{aligned}$ | $\begin{gathered} q \text { abs } \\ (\text { PR) } \end{gathered}$ | $\begin{array}{\|c} \hline \mathrm{m}_{\text {(PnotR) }} \\ \hline \end{array}$ | $n$ (PnotR) | $\begin{aligned} & \text { p rel to } \mathrm{S} \\ & \text { (PnotR) } \end{aligned}$ | $\begin{array}{\|l\|} \mathbf{q} \text { rel to } \mathrm{S} \\ \text { (PnotR) } \end{array}$ | $\begin{aligned} & \text { p rel to } \\ & \text { nots } \\ & \text { (PnotR) } \end{aligned}$ | $\begin{gathered} \hline \text { q rel to } \\ \text { nots } \\ \text { (Dontrl } \end{gathered}$ (PnotR) | $\begin{gathered} \text { pabs } \\ \text { (PnotR) } \end{gathered}$ | $\begin{gathered} \text { qabs } \\ \text { (PnotR) } \end{gathered}$ |
| Figure Three |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 351 | m/mn | m |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 352 | $\mathrm{m}_{\mathrm{tos})}^{(\mathrm{rel} \mid}$ |  |  | $\begin{array}{\|c\|} \hline \begin{array}{c} \text { not-p rel } \\ \text { to } S \end{array} \\ \hline \end{array}$ |  |  |  |  |  | not-m |  |  | $\begin{array}{\|c\|} \hline \text { not-q rel } \\ \text { tol } \end{array}$ | not-p rel to nots |  |  |  |
| 353 | $\mathrm{m}_{\mathrm{ton}}^{\mathrm{tos})}(\mathrm{rel}$ | m |  |  | not-q rel |  |  |  | $q$ abs |  |  |  |  |  |  |  |  |
| 354 | $\left\lvert\, \begin{aligned} & \mathrm{m} / \mathrm{pq} \\ & \text { to } \mathrm{S}) \end{aligned}\right. \text { (rel} \mid$ |  | not-n | $\begin{array}{\|c\|} \hline \begin{array}{c} \text { not-p rel } \\ \text { to } S \end{array} \\ \hline \end{array}$ | $\begin{aligned} & \text { not-q rel } \\ & \text { to } \end{aligned}$ |  |  |  |  | not-m |  | $\begin{array}{\|c\|} \text { not-p rel } \\ \text { to } \end{array}$ | $\begin{aligned} & \text { not-q rel } \\ & \text { to } \end{aligned}$ | not-p rel to nots |  |  |  |
| 355 | m/m |  |  |  |  |  |  |  |  | not-m |  |  |  |  |  |  |  |
| 356 | $\mathrm{m} / \mathrm{n}$ | m |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 357 | $\left.\mid \mathrm{m}_{\mathrm{p}}^{\mathrm{p}} \mathrm{tos}\right)_{(\mathrm{rel} \mid}$ |  | not-n |  | not-q rel |  |  |  |  | not-m |  | $\begin{array}{\|c\|} \hline \text { not-p rel } \\ \text { tos } \\ \hline \end{array}$ |  |  |  |  |  |
| 358 | $\begin{array}{\|c\|} \hline \mathrm{m} / \mathrm{q} \\ \text { to s) } \end{array}$ |  |  | $\begin{array}{\|c\|} \hline \text { not-p rel } \\ \text { to } \end{array}$ |  |  |  |  |  | not-m |  |  | $\begin{array}{\|c\|} \hline \begin{array}{c} \text { not-q rel } \\ \text { to } \mathrm{S} \end{array} \\ \hline \end{array}$ | not-p rel to nots |  |  |  |
| 361 | $\mathrm{n} / \mathrm{mn}$ |  | n |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 362 | $\begin{array}{\|c\|} \hline \mathrm{n} / \mathrm{mq} \mathrm{~min}_{\mathrm{to})}(\mathrm{rel} \mid \\ \hline \end{array}$ |  | n | $\begin{array}{\|l\|} \hline \text { not-p rel } \\ \text { tos } \end{array}$ |  |  |  | pabs |  |  |  |  |  |  |  |  |  |
| 363 | $\left\lvert\, \begin{aligned} & \mathrm{n} / \mathrm{np} \\ & \text { to } \mathrm{S}) \\ & \text { (rel } \\ & \hline \end{aligned}\right.$ |  |  |  | $\begin{gathered} \text { not-q rel } \\ \text { to } S \end{gathered}$ |  |  |  |  |  | not-n | $\begin{array}{\|c\|} \text { not-p rel } \\ \text { to } \end{array}$ |  |  | $\begin{array}{\|l\|l\|} \hline \text { not-q rel } \\ \text { to notS } \end{array}$ |  |  |
| 364 | $\mathrm{n}^{\mathrm{n} / \mathrm{pq}}{ }_{\text {to }}(\mathrm{rel})$ | not-m |  | $\begin{array}{\|c\|} \hline \begin{array}{c} \text { not-p rel } \\ \text { to } S \end{array} \\ \hline \end{array}$ | $\begin{aligned} & \text { not-q rel } \\ & \text { to } \end{aligned}$ |  |  |  |  |  | not-n | $\begin{array}{\|c\|c\|} \hline \text { not-p rel } \\ \text { to } \end{array}$ | $\begin{array}{\|c\|} \hline \text { not-q rel } \\ \text { to } \\ \text { to } \end{array}$ |  | not-q ree to nots to nots |  |  |
| 365 | $\mathrm{n} / \mathrm{m}$ |  | n |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | n/n |  |  |  |  |  |  |  |  |  | not-n |  |  |  |  |  |  |
| 367 | $\left\lvert\, \begin{array}{ll} \mathrm{n}^{\prime} \mathrm{p} \\ & \text { to } \mathrm{S}) \\ \text { (rel } \\ \hline \end{array}\right.$ |  |  |  | $\begin{array}{\|l} \text { not-q rel } \\ \text { to } \\ \text { to } \end{array}$ |  |  |  |  |  | not-n | $\begin{array}{\|c\|} \hline \begin{array}{c} \text { not-p rel } \\ \text { to } \end{array} \end{array}$ |  |  | not-q rel to nots |  |  |
| 368 | $\mathrm{n}^{\mathrm{n} / \mathrm{q}}{ }_{\mathrm{tos})^{(\mathrm{rel}} \mid}$ | not-m |  | $\begin{array}{\|c\|} \hline \text { not-p rel } \\ \text { to } \end{array}$ |  |  |  |  |  |  | not-n |  | $\begin{array}{\|c\|} \hline \text { not-q rel } \\ \text { to } \end{array}$ |  |  |  |  |
| 371 | $\text { p/mn }(\text { rel }$ |  |  | p rel tos |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 372 (b) |  | not-m |  |  |  |  |  |  |  | not-m |  |  |  |  |  |  |  |
| 372 (c) | $\begin{array}{\|c\|} \hline \mathrm{p} / \mathrm{mq} \\ \mathrm{~s} / \mathrm{abs}) \end{array}$ | not-m |  |  |  | $\begin{aligned} & \text { not-p rel } \\ & \text { to nots } \end{aligned}$ |  |  |  | not-m |  | $\begin{array}{\|c\|} \hline \text { not-p rel } \\ \text { to } \mathrm{S} \end{array}$ |  |  |  |  |  |
| 373 (b) | $\begin{array}{\|c\|} \hline \mathrm{p} / \mathrm{np} \\ (\mathrm{abs} / \mathrm{rel} \mathrm{~S}) \end{array}$ |  |  |  |  |  |  |  |  |  | not-n |  |  |  |  |  |  |
| 373 (c) | $\left\lvert\, \begin{gathered} \mathrm{p} / \mathrm{np} \\ \mathrm{~S} / \mathrm{abs})^{(\mathrm{rel}} \mid \\ \hline \end{gathered}\right.$ |  |  |  |  | not-p rel to nots |  |  |  |  | not-n | $\begin{array}{\|l\|} \hline \text { not-p rel } \\ \text { to } S \end{array}$ |  |  | not-q rel to nots |  |  |
| 374 (b) | $\begin{array}{c\|} \hline \mathrm{p} / \mathrm{pq} \\ (\mathrm{abs} / \mathrm{rel} \mathrm{~s}) \end{array}$ |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 374 (c) | $\begin{array}{\|c\|} \hline \mathrm{p} / \mathrm{pq} \\ (\mathrm{rel} \mathrm{~S} / \mathrm{abs}) \end{array}$ |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 375 |  | not-m |  |  |  | $\begin{array}{\|l\|l} \text { not-p rel } \\ \text { to notS } \end{array}$ |  |  |  | not-m |  | $\begin{gathered} \text { not-p rel } \\ \text { to } \end{gathered}$ |  |  |  |  |  |
| 376 | $\left.\mid \mathrm{p}^{\prime / n} \text { to } \mathrm{S}\right)^{(\mathrm{rel} \mid}$ |  |  |  |  | $\begin{aligned} & \text { not-p rel } \\ & \text { to nots } \end{aligned}$ |  |  |  |  | not-n | $\begin{array}{\|c\|} \text { not-p rel } \\ \text { to } \end{array}$ |  |  | $\begin{aligned} & \text { not-q rel } \\ & \text { to nots } \end{aligned}$ |  |  |
| 377 (b) | $\left.\mathrm{p}^{\mathrm{p} / \mathrm{p}} / \mathrm{erl} \mathrm{~S}\right)^{(\mathrm{abs}}$ |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 377 (c) |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 378 (b) | $\begin{aligned} & \mathrm{p/q} / \mathrm{rels} / \text { (abs } \\ & \hline \end{aligned}$ |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 378 (c) | $\begin{array}{\|l\|l\|} \left.\hline p^{\prime} / \mathrm{rel} / \mathrm{abs}\right) \\ \hline \end{array}$ |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 381 | $\mathrm{q}_{\mathrm{q} / \mathrm{mn}}^{\text {to })^{(\mathrm{rel}} \mid}$ |  |  |  | q rel to s |  |  |  |  |  |  |  |  |  |  |  |  |
| 382 (b) | $\begin{gathered} \mathrm{q} / \mathrm{mq} \\ (\mathrm{abs} / \mathrm{rel} \mathrm{~S}) \end{gathered}$ |  |  |  |  |  |  |  |  | not-m |  |  |  |  |  |  |  |
| 382 (c) | $\|\underset{\mathrm{S} / \mathrm{abs})}{(\mathrm{rel}}\|$ |  |  |  |  |  | $\begin{aligned} & \text { not-q rel } \\ & \text { to nots } \end{aligned}$ |  |  | not-m |  |  | $\begin{aligned} & \text { not-q rel } \\ & \text { to } S \end{aligned}$ | not-p rel to nots |  |  |  |
| 383 (b) | $\begin{array}{\|c\|} \hline \mathrm{q} / \mathrm{np} \\ (\mathrm{abs} / \mathrm{rel} \mathrm{~S}) \end{array}$ |  | not-n |  |  |  |  |  |  |  | not-n |  |  |  |  |  |  |
| 383 (c) | $\begin{array}{\|c\|} \hline \mathrm{q} / \mathrm{np} \\ \mathrm{~S} / \mathrm{abs})^{(\mathrm{rel}} \\ \hline \end{array}$ |  | not-n |  |  |  | $\begin{aligned} & \text { not-q rel } \\ & \text { to nots } \end{aligned}$ |  |  |  | not-n |  | $\begin{array}{\|c\|} \hline \text { not-q rel } \\ \text { to } \mathrm{S} \\ \hline \end{array}$ |  |  |  |  |
| 384 (b) | $\begin{array}{\|c\|} \hline \mathrm{q} / \mathrm{pq} \\ (\mathrm{abs} / \mathrm{rel} \mathrm{~S}) \end{array}$ |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 384 (c) | $\begin{gathered} \mathrm{q} / \mathrm{pq} \\ (\mathrm{rel} \mathrm{~S} / \mathrm{abs}) \end{gathered}$ |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 385 | $\left\lvert\, q^{\prime / m}{ }^{\text {to } S)}\left(\begin{array}{l} \text { (rel } \\ \hline \end{array}\right.\right.$ |  |  |  |  |  | $\begin{gathered} \text { not-q rel } \\ \text { to notS } \end{gathered}$ |  |  | not-m |  |  | $\begin{aligned} & \text { not-q rel } \\ & \text { to } S \end{aligned}$ | not-p rel to nots |  |  |  |
| 386 | $\mid q^{\prime / n} \text { to S) }{ }^{(\mathrm{rel} \mid} \mid$ |  | not-n |  |  |  | $\begin{aligned} & \text { not-q rel } \\ & \text { to nots } \end{aligned}$ |  |  |  | not-n |  | $\begin{gathered} \text { not-q rel } \\ \text { to } \mathrm{S} \end{gathered}$ |  |  |  |  |
| 387 (b) | $\left[\begin{array}{l} \mathrm{a/p} \\ \hline \mathrm{rels})^{(\mathrm{abs}} \end{array}\right.$ |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 387 (c) | $\begin{array}{\|c\|c\|c\|} \hline \text { (rel } \\ \mathrm{s} / \mathrm{abs}) \end{array}$ |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 388 (b) | $\begin{array}{\|l\|l\|} \hline \alpha / \mathrm{q} / \mathrm{rabs} \\ (\mathrm{rels}) \end{array}$ |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 388 (c) | $\left\lvert\, \begin{array}{l\|l\|} \hline q / q \\ s / \text { rel } \end{array}\right.$ |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Statistics | 89 | 22 | 22 | 15 | 15 | 15 | 15 | 4 | 4 | 23 | 23 | 20 | 20 | 12 | 12 | 0 | 0 |


|  |  | Causative (PR) | Preventive (PnotR) |
| :---: | :---: | :---: | :---: |
| Mood\# | Causative Premises | primary conclusions | primary conclusions |
| Figure One |  |  |  |
| Mood 111 | mn/mn | mn |  |
| Mood 112 | mn/mq | mq rel to S |  |
| Mood 113 | mn/np (rel to S) | np rel to S |  |
| Mood 114 | $\begin{gathered} \mathrm{mn}_{\mathrm{pq}} \\ (\text { (rel to } \mathrm{S}) \end{gathered}$ | pq rel to S |  |
| Mood 115 | $\mathrm{mn} / \mathrm{m}$ | m |  |
| Mood 116 | mn/n | n |  |
| Mood 117 | $\left\lvert\, \begin{array}{ll} \mathrm{mn} / \mathrm{p} \\ \mathrm{tos})^{(\mathrm{rel}} \mid \end{array}\right.$ | p rel to S |  |
| Mood 118 | $\underset{\text { mn/q }}{\substack{\text { to }}}{ }^{(\mathrm{relel} \mid}$ | q rel to $s$ |  |
| Mood 121 | $\begin{gathered} \mathrm{mq} / \mathrm{mn} \\ (\text { rel to } \mathrm{S}) \end{gathered}$ | mq rel to S |  |
| Mood 122 (b) | $\underset{(\mathrm{abs} / \mathrm{rel} \mathrm{~s})}{\mathrm{mq} / \mathrm{mq}}$ | mq abs, not-q rel to nots |  |
| Mood 122 (c) | $\underset{(\mathrm{rel} \mathrm{~S} / \mathrm{abs})}{\mathrm{mq} / \mathrm{mq}}$ | mq abs, not-q rel to nots |  |
| Mood 123 (b) | ${\underset{(a b s}{ } / \mathrm{rel} \mathrm{~s})}^{\mathrm{mpp}}$ | not-p rel to notS | not-m, not-p rel to S, not-q rel to nots |
| Mood 123 (c) | $\mathrm{mq} / \mathrm{np}_{\mathrm{s} / \mathrm{abs})}(\mathrm{rel} \mid$ | not-q rel to nots | not-m, not-q rel to S, not-p rel to nots |
| Mood 124 (b) | $\begin{gathered} \mathrm{mq} / \mathrm{pq} \\ (\mathrm{abs} / \mathrm{rel} \mathrm{~S}) \end{gathered}$ | not-n, not-p rel to nots, not-q rel to nots | not-m, not-p rel to S, not-p rel to nots, not-q rel to nots |
| Mood 124 (c) | $\underset{(\mathrm{rel} \mathrm{~S} / \mathrm{abs})}{\mathrm{mq} / \mathrm{abq}}$ | ot-n | not-m |
| Mood 125 | $\mathrm{mq} / \mathrm{m}_{\mathrm{to} \mathrm{~S})}(\mathrm{rel}$ | mq abs, not-q rel to nots |  |
| Mood 126 | $\operatorname{mq} / \mathrm{n}_{\text {to S) }}(\mathrm{rel} \mid$ | not-q rel to nots | not-m, not-q rel to S, not-p rel to notS |
| Mood 127 (b) | $\underset{(\mathrm{abs} / \mathrm{rel} \mathrm{~S})}{(\mathrm{rel}}$ | not-p rel to nots | not-m, not-p rel to S, not-q rel to notS |
| Mood 127 (c) | $\begin{array}{\|l\|} \hline \mathrm{mq} / \mathrm{p} \\ \mathrm{~s} / \mathrm{abs}) \\ \hline \end{array}$ |  | not-m |
| Mood 128 (b) | $\underset{(\mathrm{abs} / \mathrm{rel} \mathrm{~S})}{\mathrm{m} / \mathrm{q}}$ | not-n, not-q rel to nots | not-m, not-p rel to nots |
| Mood 128 (c) | $\begin{array}{\|l\|} \hline \mathrm{mq} / \mathrm{q} \\ \mathrm{~s} / \mathrm{abs})^{(\mathrm{rel}} \\ \hline \end{array}$ | not-n | not-m |
| Mood 131 | $\mid$ | np rel to $S$ |  |
| Mood 132 (b) | $\underset{(\mathrm{abs} / \mathrm{rel} \mathrm{~S})}{\substack{\mathrm{npq}}}$ | not-q rel to nots | not-n, not-q rel to S, not-p rel to notS |
| Mood 132 (c) | $\begin{gathered} \mathrm{np} / \mathrm{mq} \\ (\mathrm{rel} \mathrm{~S} / \mathrm{abs}) \end{gathered}$ | not-p rel to nots | not-n, not-p rel to S, not-q rel to notS |
| Mood 133 (b) | $\begin{gathered} \mathrm{np} / \mathrm{np} \\ (\mathrm{abs} / \mathrm{rel} \mathrm{~S}) \end{gathered}$ | np abs, not-p rel to nots |  |
| Mood 133 (c) | $\mid \mathrm{np/np}(\mathrm{rel} \mid$ | np abs, not-p rel to nots |  |
| Mood 134 (b) | $\begin{gathered} \mathrm{np} / \mathrm{pq} \\ (\mathrm{abs} / \mathrm{rel} \mathrm{~s}) \end{gathered}$ | not-m, not-p rel to nots, not-q rel to nots | not-n, not-q rel to S, not-p rel to nots, not-q rel to nots |
| Mood 134 (c) | $\begin{array}{\|l\|} \hline \mathrm{np} / \mathrm{pq} \\ \mathrm{~s} / \mathrm{abs})^{(\mathrm{rel}} \mid \\ \hline \end{array}$ | not-m | not-n |
| Mood 135 | $\mathrm{npp} / \mathrm{m}_{\text {to } \mathrm{S})}^{(\mathrm{rel}}$ | not-p rel to nots | not-n, not-p rel to S, not-q rel to nots |
| Mood 136 | $\mathrm{np}_{\mathrm{np} / \mathrm{n}}^{\text {to } \mathrm{S})} \text { (rel }$ | np abs, not-p rel to nots |  |
| Mood 137 (b) | $\left\lvert\, \begin{array}{ll} \mathrm{np} / \mathrm{p} \\ / \mathrm{rel} \text { s }) \end{array}\right. \text { (abs }$ | not-m, not-p rel to nots | not-n, not-q rel to nots |
| Mood 137 (c) | $\begin{array}{\|c\|} \hline \mathrm{np/p} / \mathrm{p} \\ \mathrm{~s} / \mathrm{abs}) \\ \text { (rel } \\ \hline \end{array}$ | not-m | not-n |
| Mood 138 (b) |  | not-q rel to nots | not-n, not-q rel to S, not-p rel to nots |
| Mood 138 (c) | $\begin{array}{\|l\|} \hline \mathrm{np} / \mathrm{q} / \mathrm{rel} \\ \mathrm{~s} / \mathrm{abs}) \\ \hline \end{array}$ |  | not-n |
| Mood 141 | $\left.\right\|_{\text {pq/mn }} ^{\text {to })} \text { (rel }$ | pq rel to S |  |
| Mood 142 (b) | $\begin{array}{\|c\|} \hline \mathrm{pq} / \mathrm{mq} \\ (\mathrm{abs} / \mathrm{rel} \mathrm{~S}) \end{array}$ | not-n | not-n |
| Mood 142 (c) |  | not-n, not-p rel to nots, not-q rel to nots | not-n, not-p rel to S, not-q rel to S, not-q rel to nots |
| Mood 143 (b) | $\begin{array}{\|c\|} \hline \begin{array}{c} \mathrm{pq} / \mathrm{np} \\ (\mathrm{abs} / \mathrm{rel} \mathrm{~s}) \end{array} \\ \hline \end{array}$ | not-m | not-m |
| Mood 143 (c) | $\mid \mathrm{pq} / \mathrm{np}(\mathrm{sebs})$ | not-m, not-p rel to notS, not-q rel to notS | not-m, not-p rel to S, not-q rel to S, not-p rel to nots |
| Mood 144 (b) | $\begin{array}{\|c\|} \hline \mathrm{pq} / \mathrm{pq} \\ (\mathrm{abs} / \mathrm{rel} \mathrm{~S}) \end{array}$ |  |  |
| Mood 144 (c) | $\mid$ |  |  |
| Mood 145 | $\mathrm{pq} / \mathrm{m}_{\mathrm{to})^{(r e l}}$ | not-n, not-p rel to nots, not-q rel to nots | not-n, not-p rel to S, not-q rel to S, not-q rel to nots |
| Mood 146 | $\begin{array}{\|l\|} \hline \mathrm{pq} / \mathrm{n} \\ \text { to } \mathrm{S}) \end{array} \text { (rel }$ | not-m, not-p rel to notS, not-q rel to notS | not-m, not-p rel to S, not-q rel to S, not-p rel to nots |
| Mood 147 (b) | $\begin{array}{\|l\|l\|} \hline \mathrm{pq} / \mathrm{p}{ }_{\mathrm{rel} \mathrm{~s}}{ }^{(\mathrm{abs}} \mid \\ \hline \end{array}$ |  |  |
| Mood 147 (c) |  |  |  |
| Mood 148 (b) |  |  |  |
| Mood 148 (c) | $\left\lvert\, \begin{gathered} \text { pq/a } \\ \mathrm{s} / \mathrm{abs}) \\ \text { (rel } \end{gathered}\right.$ |  |  |



|  |  | Causative (PR) | Preventive (PnotR) |
| :---: | :---: | :---: | :---: |
| Mood\# | Causative Premises | primary conclusions | primary conclusions |
| Figure One |  |  |  |
| Mood 151 | m/mn | m |  |
| Mood 152 | $\left\lvert\, \begin{gathered} \mathrm{m} / \mathrm{mq} \\ \text { to } \mathrm{S}) \\ \text { (rel } \end{gathered}\right.$ | mq abs, not-q rel to nots |  |
| Mood 153 | $\operatorname{minp}_{\text {to S) }}(\text { rel }$ | not-p rel to notS | not-m, not-p rel to S, not-q rel to notS |
| Mood 154 | $\left\|\begin{array}{c} \mathrm{m} / \mathrm{pq} \\ \text { to } \mathrm{S}) \\ \text { (rel } \end{array}\right\|$ | not-n, not-p rel to nots, not-q rel to nots | not-m, not-p rel to S, not-p rel to nots, not-q rel to nots |
| Mood 155 | m/m | m |  |
| Mood 156 | m/n |  | not-m |
| Mood 157 | $\mid \mathrm{m}_{\mathrm{to}}{ }^{\text {to }} \text { (rel) } \mid$ | not-p rel to notS | not-m, not-p rel to S, not-q rel to nots |
| Mood 158 | $\left\|\mathrm{m} / \mathrm{q}{ }_{\text {to } \mathrm{S})}^{(\mathrm{rele}}\right\|$ | not-n, not-q rel to notS | not-m, not-p rel to nots |
| Mood 161 | n/mn | $n$ |  |
| Mood 162 | $\mid \mathrm{n} / \mathrm{mq} \text { to S) }(\text { rel } \mid$ | not-q rel to nots | not-n, not-q rel to S, not-p rel to notS |
| Mood 163 | $\left\lvert\, \begin{array}{l\|l\|} \hline \mathrm{n} / \mathrm{np} \\ \text { to S) } \\ \text { (rel } \\ \hline \end{array}\right.$ | np abs, not-p rel to nots |  |
| Mood 164 | $\operatorname{sing}_{\text {to } \mathrm{S})}(\mathrm{rel}$ | not-m, not-p rel to nots, not-q rel to nots | not-n, not-q rel to S, not-p rel to nots, not-q rel to nots |
| Mood 165 | $\mathrm{n} / \mathrm{m}$ |  | not-n |
| Mood 166 | n/n | n |  |
| Mood 167 | $\mathrm{n}_{\mathrm{n} / \mathrm{p}} \text { to S) }{ }^{(\mathrm{rel}}$ | not-m, not-p rel to notS | not-n, not-q rel to nots |
| Mood 168 | $\left\|\mathrm{n} / \mathrm{q}{ }_{\text {to } \mathrm{S})}{ }^{(\mathrm{rel} \mid}\right\|$ | not-q rel to notS | not-n, not-q rel to S, not-p rel to notS |
| Mood 171 | $\begin{array}{\|c\|c\|} \hline \text { p/mn } \\ \text { to } \mathrm{S}) \\ \hline \mathrm{rel} \\ \hline \end{array}$ | prel to S |  |
| Mood 172 (b) | $\begin{gathered} \mathrm{p} / \mathrm{mq} \\ \text { (abs } / \mathrm{rel} \mathrm{~S}) \end{gathered}$ |  | not-n |
| Mood 172 (c) | $\underset{\mathrm{p} / \mathrm{mq}}{\mathrm{~s} / \mathrm{abs})^{(\mathrm{rel}}}$ | not-p rel to nots | not-n, not-p rel to S, not-q rel to notS |
| Mood 173 (b) | $\underset{\substack{\mathrm{p} / \mathrm{np} \\(\mathrm{abs} / \mathrm{rel} \mathrm{~S})}}{\mathrm{r}}$ | not-m | not-m |
| Mood 173 (c) | $\left\lvert\, \begin{array}{ll} \mathrm{p} / \mathrm{np} \\ \mathrm{~s} / \mathrm{abs}) \end{array}\right.$ | not-m, not-p rel to notS | not-m, not-p rel to S |
| Mood 174 (b) | $\begin{gathered} \mathrm{p} / \mathrm{pq} \\ (\mathrm{abs} / \mathrm{rel} \text { S } \end{gathered}$ |  |  |
| Mood 174 (c) | $\begin{gathered} \hline \mathrm{p} / \mathrm{pq} \\ (\mathrm{rel} \mathrm{~S} / \mathrm{abs}) \end{gathered}$ |  |  |
| Mood 175 | $\mid \mathrm{p} / \mathrm{m} \text { to } \mathrm{S})^{(\text {rel }} \mid$ | not-p rel to notS | not-n, not-p rel to S, not-q rel to notS |
| Mood 176 | $\mathrm{p}^{\mathrm{p} / \mathrm{n}} \text { to S) }(\mathrm{rel}$ | not-m, not-p rel to nots | not-m, not-p rel to S |
| Mood 177 (b) | $\begin{array}{\|ll\|} \hline \mathrm{p} / \mathrm{p} & \text { (abs } \\ \hline & / \mathrm{rel} \mathrm{~S}) \\ \hline \end{array}$ |  |  |
| Mood 177 (c) | $\begin{array}{\|l\|} \left.\hline \mathrm{p}^{\prime} \mathrm{p} / \mathrm{abs}\right) \\ \hline \text { rel } \\ \hline \end{array}$ |  |  |
| Mood 178 (b) | $\begin{array}{\|l\|l\|} \left.\hline \mathrm{p}^{\prime} \mathrm{rel} \mathrm{~s}\right) \\ \text { (abs } \\ \hline \end{array}$ |  |  |
| Mood 178 (c) | $\mid \mathrm{p} / \mathrm{q} \mathrm{~s} / \mathrm{abs})^{\text {(rel }} \mid$ |  |  |
| Mood 181 | $\begin{array}{\|l\|l\|} \hline \mathrm{mn} \\ \text { to } \mathrm{S}) \end{array} \text { (rel }$ | q rel to S |  |
| Mood 182 (b) | q/mq | not-n | not-n |
| Mood 182 (c) | $\|\underset{\mathrm{S} / \mathrm{abs})}{(\mathrm{rel}}\|$ | not-n, not-q rel to notS | not-n, not-q rel to S |
| Mood 183 (b) | $\begin{gathered} \mathrm{q} / \mathrm{np} \\ (\mathrm{abs} / \mathrm{rel} \mathrm{~s}) \end{gathered}$ |  | not-m |
| Mood 183 (c) | $\left\lvert\, \begin{gathered} q / \mathrm{np} \\ \mathrm{~S} / \mathrm{abs}) \end{gathered}\right.$ | not-q rel to notS | not-m, not-q rel to S, not-p rel to nots |
| Mood 184 (b) | $\begin{gathered} \mathrm{q} / \mathrm{pq} \\ (\mathrm{abs} / \mathrm{rel} \mathrm{~S}) \end{gathered}$ |  |  |
| Mood 184 (c) | $\begin{gathered} \mathrm{q} / \mathrm{pq} \\ (\mathrm{rel} \mathrm{~S} / \mathrm{abs}) \end{gathered}$ |  |  |
| Mood 185 | $\mid \mathrm{q}^{\prime / \mathrm{m}}{ }_{\text {to } \mathrm{s})}(\mathrm{ret} \mid$ | not-n, not-q rel to nots | not-n, not-q rel to S |
| Mood 186 | $\left\|q_{\text {to } \mathrm{S})}^{(\mathrm{rel} \mid}\right\|$ | not-q rel to nots | not-m, not-q rel to S, not-p rel to notS |
| Mood 187 (b) | $\begin{array}{\|l\|l\|} \hline \text { q/p } & \text { (abs } \\ & / \mathrm{rel} \mathrm{~S})^{2} \\ \hline \end{array}$ |  |  |
| Mood 187 (c) | $\left\lvert\, \begin{gathered} q / \mathrm{p} / \mathrm{abs})^{(\mathrm{rel})} \\ \hline \end{gathered}\right.$ |  |  |
| Mood 188 (b) | $\left\|\begin{array}{\|l\|l\|} \hline \text { rel S) } \\ \text { (abs } \end{array}\right\|$ |  |  |
| Mood 188 (c) | $\left\lvert\, \begin{gathered} \left.q / q q^{2} / \mathrm{abs}\right) \\ \text { (rel } \\ \hline \end{gathered}\right.$ |  |  |
| Statistics | 89 | 65 | 46 |
|  |  |  |  |






| Causative (PR) | 1 Preventive (PnotR) |
| :---: | :---: |
| 3-item Causatives |  |
| For Comparison |  |
|  |  |
| mn |  |
| mq abs |  |
| np abs |  |
| pq abs |  |
| m ${ }^{\text {m }}$ |  |
| n |  |
| pabs |  |
| $q$ abs |  |
| np abs |  |
| not-n |  |
| not-n |  |
| np abs |  |
| np abs |  |
| not-m | not-n |
| not-m | not-n |
| not-n |  |
| np abs |  |
| not-m | not-n |
| not-m | not-n |
| not-n |  |
| not-n |  |
| mq abs |  |
| mq abs |  |
| mq abs |  |
|  | not-m |
|  | not-m |
| not-n | not-m |
| not-n | not-m |
| mq abs |  |
|  | not-m |
|  | not-m |
|  | not-m |
| not-n | not-m |
| not-n | not-m |
| pq abs |  |
| not-n | not-n |
| not-n | not-n |
| not-m | not-m |
| not-m | not-m |
|  |  |
|  |  |
| not-n | not-n |
| not-m | not-m |
|  |  |
|  |  |
|  |  |
|  |  |





|  |  | Causative (PR) | Preventive (PnotR) |
| :---: | :---: | :---: | :---: |
| Mood\# | Causative Premises | primary conclusions | primary conclusions |
| Figure Three |  |  |  |
| 311 | $\mathrm{mn} / \mathrm{mn}$ | mn |  |
| 312 | $\mathrm{mn} / \mathrm{mq}$ $(\mathrm{rel}$ to | np rel to nots |  |
| 313 | $\begin{aligned} & \frac{\text { mn/np }}{(\text { rel to }} \\ & \text { (r) } \end{aligned}$ | mq rel to nots |  |
| 314 | $\frac{\mathrm{mn} / \mathrm{pq}}{(\mathrm{req}}$ | pq rel to nots |  |
| 315316 | $\mathrm{mn} / \mathrm{m}$ | n |  |
|  | mn/n | m |  |
| 317 | ${ }^{\mathrm{mn} / \mathrm{p}}$ to (rel | q rel to nots |  |
| 318 | $\begin{array}{\|l\|} 10 \mathrm{q}) \\ \mathrm{mn} / \mathrm{q}) \\ \text { (rel } \end{array}$ | p rel to nots |  |
| 321 |  |  |  |
|  | $\mathrm{mq} / \mathrm{mn}$ (rel to S) | mq rel to S |  |
| 322 (b) | $\underset{(\mathrm{abs} / \mathrm{rel} \mathrm{~S})}{\substack{\mathrm{qqqqq}}}$ | not-p rel to S | not-m, not-q rel to S, not-p rel to notS |
| 322 (c) | $\begin{gathered} \mathrm{mq} / \mathrm{mq} \\ (\mathrm{rel} \mathrm{~S} / \mathrm{abs}) \end{gathered}$ | not-q rel to nots | not-m, not-q rel to S, not-p rel to nots |
| 323 (b) | $\begin{gathered} \mathrm{mq} / \mathrm{np} \\ (\mathrm{abs} / \mathrm{rel} \mathrm{~S}) \end{gathered}$ | mq abs, not-q rel to $S$ |  |
| 323 (c) | $\begin{array}{\|c\|} \hline \mathrm{mq} / \mathrm{mp} \\ \mathrm{~s} / \mathrm{abs})^{\text {rel }} \\ \hline \end{array}$ | mq abs, not-q rel to nots |  |
| 324 (b) | $\begin{gathered} \mathrm{mq} / \mathrm{pq} \\ \text { (abs } / \mathrm{rel} \mathrm{~S}) \end{gathered}$ | not-n, not-p rel to S, not-q rel to S | not-m, not-p rel to S, not-q rel to S, not-p rel to notS |
| 324 (c) | $\begin{array}{\|c\|} \hline \mathrm{mq} / \mathrm{pq} \\ (\mathrm{rel} \mathrm{~S} / \mathrm{abs}) \end{array}$ | not-n | not-m |
| 325 | $\underset{\text { to S) }}{\operatorname{mq} / \mathrm{m}}$ | not-q rel to nots | not-m, not-q rel to S, not-p rel to nots |
| 326 | $\begin{array}{\|c\|} \hline \mathrm{mq} / \mathrm{n} \\ \text { to S) } \\ \hline \end{array}$ | mq abs, not-q rel to nots |  |
| 327 (b) | $\begin{array}{\|c\|} \hline \mathrm{mq} / \mathrm{p} \\ (\mathrm{abs} / \mathrm{rel}) \\ \hline \end{array}$ | not-n, not-q rel to S | not-m, not-p rel to S |
| 327 (c) | $\begin{array}{\|l\|} \hline \mathrm{ma} / \mathrm{p} \\ \mathrm{~s} / \mathrm{abs}) \\ \hline \text { rele } \\ \hline \end{array}$ | not-n | not-m |
| 328 (b) | $\begin{gathered} \mathrm{mq} / \mathrm{q} \\ (\mathrm{abs} / \mathrm{rel} \mathrm{~S}) \end{gathered}$ | not-p rel to S | not-m, not-q rel to S, not-p rel to notS |
| 328 (c) | $\begin{array}{\|c\|} \hline \mathrm{mq} / \mathrm{q} \\ \mathrm{~s} / \mathrm{abs})^{(\mathrm{rel}} \\ \hline \end{array}$ |  | not-m |
| 331 | $\mathrm{nnp/mn}_{\text {to S }} \text { (rel }$ | $n \mathrm{rel}$ to S |  |
| 332 (b) |  | np abs, not-p rel to $S$ |  |
| 332 (c) | $\begin{gathered} \mathrm{np} / \mathrm{mq} \\ (\mathrm{rel} \mathrm{~S} / \mathrm{abs}) \end{gathered}$ | np abs, not-p rel to nots |  |
| 333 (b) | $\begin{gathered} \mathrm{np} / \mathrm{np} \\ \text { (abs } / \mathrm{rel} \mathrm{~S}) \end{gathered}$ | not-q rel to S | not-n, not-p rel to S, not-q rel to notS |
| 333 (c) |  | not-p rel to nots | not-n, not-p rel to S, not-q rel to nots |
| 334 (b) | $\begin{gathered} \mathrm{np} / \mathrm{pq} \\ (\mathrm{abs} / \mathrm{rel} \mathrm{~S}) \end{gathered}$ | not-m, not-p rel to S, not-q rel to S | not-n, not-p rel to S, not-q rel to S, not-q rel to notS |
| 334 (c) | $\begin{array}{\|l\|l\|} \hline \mathrm{np} / \mathrm{pq} \\ \mathrm{~s} / \mathrm{abs})^{\text {rel }} \\ \hline \end{array}$ | not-m | not-n |
| 335 | $\underset{\text { to S) }}{\text { np/m }}$ | np abs, not-p rel to nots |  |
| 336 |  | not-p rel to nots | not-n, not-p rel to S, not-q rel to notS |
| 337 (b) | $\begin{array}{\|ll\|} \hline \mathrm{np} / \mathrm{p} & \text { (rel s) } \\ \hline \end{array}$ | not-q rel to S | not-n, not-p rel to S, not-q rel to notS |
| 337 (c) | $\begin{array}{\|l\|l\|} \hline \mathrm{np} / \mathrm{p} \\ \mathrm{~s} / \mathrm{abs})^{(\mathrm{rel}} \\ \hline \end{array}$ |  | not-n |
| 338 (b) |  | not-m, not-p rel to S | not-n, not-q rel to S |
| 338 (c) | $\begin{array}{\|l\|} \hline \mathrm{np} / \mathrm{q} \\ \mathrm{~s} / \mathrm{abs})^{(\mathrm{rel}} \\ \hline \end{array}$ | not-m | not-n |
| 341 | $\begin{array}{\|c\|c\|} \hline \text { pq/mn } \\ \text { to } \end{array}$ | pq rel to S |  |
| 342 (b) | $\begin{array}{\|c\|} \hline \mathrm{pq} / \mathrm{mq} \\ \hline(\mathrm{abs} / \mathrm{rel} \mathrm{~s}) \\ \hline \end{array}$ | not-m | not-m |
| 342 (c) | $\underset{(\mathrm{rel} \mathrm{Sq} / \mathrm{abs})}{\substack{\mathrm{pqq}}}$ | not-m, not-p rel to nots, not-q rel to nots | not-m, not-p rel to S, not-q rel to S, not-p rel to notS |
| 343 (b) |  | not-n | not-n |
| 343 (c) | $\begin{array}{\|c\|} \hline \mathrm{pq} / \mathrm{np} \\ \mathrm{~s} / \mathrm{abs})^{(\mathrm{rel}} \\ \hline \end{array}$ | not-n, not-p rel to nots, not-q rel to nots | not-n, not-p rel to S, not-q rel to S, not-q rel to nots |
| 344 (b) | $\begin{array}{\|c\|} \hline \mathrm{pq} / \mathrm{pq} \\ (\mathrm{abs} / \mathrm{rel}) \\ \hline \end{array}$ |  |  |
| 344 (c) | $\begin{gathered} \text { pq} / \mathrm{pq} / \mathrm{sel}^{(\mathrm{rel}} \\ \mathrm{S} / \mathrm{abs}) \end{gathered}$ |  |  |
| 345 | $\underset{\text { to S) }}{\text { pq/mel }}$ | not-m, not-p rel to notS, not-q rel to nots | not-m, not-p rel to S, not-q rel to S, not-p rel to notS |
| 346 | $\begin{array}{\|l\|} \hline \mathrm{pq} / \mathrm{n} \\ \text { to S) } \\ \hline \end{array}$ | not-n, not-p rel to nots, not-q rel to nots | not-n, not-p rel to S, not-q rel to S, not-q rel to nots |
| 347 (b) | $\mathrm{pq}_{\mathrm{pe} / \mathrm{pel})^{(\mathrm{abs}}}$ |  |  |
| 347 (c) | $\begin{array}{\|l\|} \hline \mathrm{pq} / \mathrm{p} / \mathrm{p} \\ \mathrm{~s} / \mathrm{rabs})^{\prime} \\ \hline \end{array}$ |  |  |
| 348 (b) | $\begin{array}{\|l\|l} \hline \mathrm{pq} / \mathrm{q} \\ \hline \mathrm{rel} \mathrm{~s}) \\ \hline \end{array}$ |  |  |
| 348 (c) | $\begin{array}{\|l\|l\|} \hline \mathrm{pq} / \mathrm{q} \\ \mathrm{~s} / \mathrm{abs}) \\ \hline \text { (rel } \end{array}$ |  |  |



| Causative (PR) | Preventive (PnotR) |
| :---: | :---: |
| 3-item Causatives |  |
| For Comparison |  |
|  |  |
| mn |  |
|  |  |
| mq abs |  |
| pq abs |  |
| n |  |
|  |  |
|  |  |
| p abs |  |
| mq abs |  |
| not-m |  |
| not-m |  |
| mq abs |  |
| mq abs |  |
| not-n | not-m |
| not-n | not-m |
|  | not-m |
| mq abs |  |
| not-n | not-m |
| not-n | not-m |
|  | not-m |
|  | not-m |
| np abs |  |
| np abs |  |
| np abs |  |
| not-n |  |
| not-n |  |
| not-m | not-n |
| not-m | not-n |
| np abs |  |
|  | not-n |
|  | not-n |
|  | not-n |
| not-m | not-n |
| not-m | not-n |
| pq abs |  |
| not-m | not-m |
| not-m | not-m |
| not-n | not-n |
| not-n | not-n |
|  |  |
|  |  |
| not-m | not-m |
| not-n | not-n |
|  |  |
|  |  |
|  |  |
|  |  |




| Causative (PR) | Preventive (PnotR) |
| :---: | :---: |
| 3-item Causatives |  |
| For Comparison |  |
| m |  |
|  | not-m |
| mq abs |  |
| not-n | not-m |
| m | not-m |
|  |  |
| not-n | not-m |
|  | not-m |
| n |  |
| np abs |  |
|  | not-n |
| not-m | not-n |
|  |  |
| n | not-n |
|  | not-n |
| not-m | not-n |
| p abs |  |
| not-m | not-m |
| not-m | not-m |
|  | not-n |
|  | not-n |
| not-m | not-m |
|  | not-n |
|  |  |
|  |  |
|  |  |
|  |  |
| $q$ abs |  |
|  | not-m |
|  | not-m |
| not-n | not-n |
| not-n | not-n |
|  |  |
|  |  |
|  | not-m |
| not-n | not-n |
|  |  |
|  |  |
|  |  |
|  |  |
| 50 | 46 |

