| 3-Item Forms Opposed | $\mathbf{1 1}$ | $\mathbf{1 0}$ | $\mathbf{0 1}$ | $\mathbf{0 0}$ | Opposition |
| :---: | :---: | :---: | :---: | :---: | :---: |


| $\mathbf{m}$ (PR) | $\mathbf{n}$ (PR) | 9 | 27 | 27 | 193 | compatible |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| $\mathbf{m}$ (PnotR) | $\mathbf{n}$ (PnotR) | 9 | 27 | 27 | 193 | compatible |


| $\mathbf{m}(P R)$ | $\mathbf{p}(P R)$ | 0 | 36 | 108 | 112 | incompatible |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| $\mathbf{n}(P R)$ | $\mathbf{q}(P R)$ | 0 | 36 | 108 | 112 | incompatible |


| $\mathbf{m}(P R)$ | $\mathbf{q}(P R)$ | 27 | 9 | 81 | 139 | compatible |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| $\mathbf{n}(P R)$ | p (PR) | 27 | 9 | 81 | 139 | compatible |


| p (PR) | q (PR) | 81 | 27 | 27 | 121 | compatible |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| $\mathbf{p ~ ( P n o t R ) ~}$ | $\mathbf{q}$ (PnotR) | 81 | 27 | 27 | 121 | compatible |


| $\mathbf{m}(P R)$ | $\mathbf{m}$ (PnotR) | 0 | 36 | 36 | 184 | incompatible |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| $\mathbf{n}(P R)$ | $\mathbf{n}$ (PnotR) | 0 | 36 | 36 | 184 | incompatible |


| $\mathbf{m}(P R)$ | $\mathbf{n}$ (PnotR) | 0 | 36 | 36 | 184 | incompatible |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| $\mathbf{n}(P R)$ | $\mathbf{m}$ (PnotR) | 0 | 36 | 36 | 184 | incompatible |


| $\mathbf{m}$ (PR) | $\mathbf{p}$ (PnotR) | 0 | 36 | 108 | 112 | incompatible |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| $\mathbf{n}$ (PR) | $\mathbf{q}$ (PnotR) | 0 | 36 | 108 | 112 | incompatible |


| $\mathbf{m}(P R)$ | $\mathbf{q}(P n o t R)$ | 0 | 36 | 108 | 112 | incompatible |
| :---: | :--- | :--- | :--- | :--- | :--- | :--- |
| $\mathbf{n}(P R)$ | $\mathbf{p}$ (PnotR) | 0 | 36 | 108 | 112 | incompatible |


| p (PR) | $\mathbf{p}$ (PnotR) | 81 | 27 | 27 | 121 | compatible |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| $\mathbf{q}$ (PR) | $\mathbf{q}$ (PnotR) | 81 | 27 | 27 | 121 | compatible |
| $\mathbf{p}$ (PR) | $\mathbf{q}$ (PnotR) | 81 | 27 | 27 | 121 | compatible |
| $\mathbf{q}$ (PR) | $\mathbf{p}$ (PnotR) | 81 | 27 | 27 | 121 | compatible |

$\mathbf{m}, \mathbf{n}$ (for the same items) are compatible
$\mathbf{m}, \mathbf{p}$ or $\mathbf{n}, \mathbf{q}$ (for the same items) are incompatible This perforce applies to relatives as well as absolutes
$\mathbf{m}, \mathbf{q}$ or $\mathbf{n}, \mathbf{p}$ (for the same items) are compatible This concerns absolutes: relatives dealt with separately
p, q (for the same items) are compatible This concerns absolutes: relatives dealt with separately
$\mathbf{m}, \mathbf{n}$ causative deny $\mathbf{m}, \mathbf{n}$ preventive
$\mathbf{m}, \mathbf{n}$ causative deny $\mathbf{n}, \mathbf{m}$ preventive
$\mathbf{m}, \mathbf{n}$ causative deny $\mathbf{p}, \mathbf{q}$ preventive
This perforce applies to relatives as well as absolutes
$\mathbf{m}, \mathbf{n}$ causative deny $\mathbf{q}, \mathbf{p}$ preventive
This perforce applies to relatives as well as absolutes
$\mathbf{p}, \mathbf{q}$ causative and $\mathbf{p}, \mathbf{q}$ preventive are compatible This concerns absolutes: relatives dealt with separately
$\mathbf{p}, \mathbf{q}$ causative and $\mathbf{q}, \mathbf{p}$ preventive are compatible This concerns absolutes: relatives dealt with separately

Note that the conjunctions pq (PR), pq (PnotR), $p(P R)+p(P n o t R), q(P R)+q(P n o t R), p(P R)+q(P n o t R), q(P R)+p(P n o t R)$, all have the same 81 moduses of $p q$ abs; i.e. they are identical forms matricially.

| 4-Item Forms Opposed $\mathbf{1 1}$ $\mathbf{1 0}$ $\mathbf{0 1}$ $\mathbf{0 0}$ Opposition <br> $\mathbf{~ m ~ ( P R ) ~}$ $\mathbf{q}$ (PSR) 432 3168 6480 55456 <br> $\mathbf{n}$ (PR) $\mathbf{p}$ (PSR) 432 3168 6480 55456 <br> $\mathbf{m}$ (PR) compatible      <br> $\mathbf{n}(P R)$ $\mathbf{q}$ (PnotSR) 432 3168 6480 55456 $\mathbf{p ( P n o t S R )}$ |
| :--- |


| $\mathbf{p ~ ( P S R ) ~}$ | $\mathbf{q}$ (PSR) | 729 | 6183 | 6183 | 52441 | compatible |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| $\mathbf{p ~ ( P n o t S R ) ~}$ | $\mathbf{q}$ (PnotSR) | 729 | 6183 | 6183 | 52441 | compatible |
| $\mathbf{p}$ (PSnotR) | $\mathbf{q}$ (PSnotR) | 729 | 6183 | 6183 | 52441 | compatible |
| $\mathbf{p ~ ( P n o t S n o t R ) ~}$ | $\mathbf{q}$ (PnotSnotR) | 729 | 6183 | 6183 | 52441 | compatible |


| $\mathbf{p ~ ( P S R ) ~}$ | $\mathbf{p}$ (PnotSR) | 0 | 6912 | 6912 | 51712 | incompatible |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| $\mathbf{q}$ (PSR) | $\mathbf{q}$ (PnotSR) | 0 | 6912 | 6912 | 51712 | incompatible |
| $\mathbf{p}$ (PSnotR) | $\mathbf{p}$ (PnotSnotR) | 0 | 6912 | 6912 | 51712 | incompatible |
| $\mathbf{q}$ (PSnotR) | $\mathbf{q}$ (PnotSnotR) | 0 | 6912 | 6912 | 51712 | incompatible |


| $\mathbf{p ~ ( P S R ) ~}$ | $\mathbf{q}$ (PnotSR) | 1296 | 5616 | 5616 | 53008 | compatible |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| $\mathbf{q}$ (PSR) | $\mathbf{p}$ (PnotSR) | 1296 | 5616 | 5616 | 53008 | compatible |
| $\mathbf{p}$ (PSnotR) | $\mathbf{q}$ (PnotSnotR) | 1296 | 5616 | 5616 | 53008 | compatible |
| $\mathbf{q}$ (PSnotR) | $\mathbf{p}$ (PnotSnotR) | 1296 | 5616 | 5616 | 53008 | compatible |


| $\mathbf{p}$ (PSR) | $\mathbf{p}$ (PSnotR) | 0 | 6912 | 6912 | 51712 | incompatible |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| $\mathbf{q}$ (PSR) | $\mathbf{q}$ (PSnotR) | 0 | 6912 | 6912 | 51712 | incompatible |
| $\mathbf{p}$ (PnotSR) | $\mathbf{p}$ (PnotSnotR) | 0 | 6912 | 6912 | 51712 | incompatible |
| $\mathbf{q}$ (PnotSR) | $\mathbf{q}$ (PnotSnotR) | 0 | 6912 | 6912 | 51712 | incompatible |


| $\mathbf{p ~ ( P S R ) ~}$ | $\mathbf{q}$ (PSnotR) | 1296 | 5616 | 5616 | 53008 | compatible |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| $\mathbf{q}$ (PSR) | $\mathbf{p}$ (PSnotR) | 1296 | 5616 | 5616 | 53008 | compatible |
| $\mathbf{p}$ (PnotSR) | $\mathbf{q}$ (PnotSnotR) | 1296 | 5616 | 5616 | 53008 | compatible |
| $\mathbf{q}$ (PnotSR) | $\mathbf{p ~ ( P n o t S n o t R ) ~}$ | 1296 | 5616 | 5616 | 53008 | compatible |


| $\mathbf{p ~ ( P S R ) ~}$ | $\mathbf{p}$ (PnotSnotR) | 1296 | 5616 | 5616 | 53008 | compatible |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| $\mathbf{q}$ (PSR) | $\mathbf{q}$ (PnotSnotR) | 1296 | 5616 | 5616 | 53008 | compatible |
| $\mathbf{p}$ (PSnotR) | $\mathbf{p}$ (PnotSR) | 1296 | 5616 | 5616 | 53008 | compatible |
| $\mathbf{q}$ (PSnotR) | $\mathbf{q}$ (PnotSR) | 1296 | 5616 | 5616 | 53008 | compatible |


| $\mathbf{p ~ ( P S R ) ~}$ | $\mathbf{q}$ (PnotSnotR) | 0 | 6912 | 6912 | 51712 | incompatible |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| $\mathbf{q}$ (PSR) | $\mathbf{p}$ (PnotSnotR) | 0 | 6912 | 6912 | 51712 | incompatible |
| $\mathbf{p}$ (PSnotR) | $\mathbf{q}$ (PnotSR) | 0 | 6912 | 6912 | 51712 | incompatible |
| $\mathbf{q}$ (PSnotR) | $\mathbf{p}$ (PnotSR) | 0 | 6912 | 6912 | 51712 | incompatible |

$\mathbf{p}, \mathbf{q}$ relative to $S$ and $\mathbf{q}, \mathbf{p}$ relative to notS are compatible Provided relative to opposite complements This is true for relatives, as well as absolutes
$\mathbf{p}, \mathbf{q}$ causative deny $\mathbf{p}, \mathbf{q}$ preventive
Provided relative to same complement This is true for relatives, but not for absolutes
$\mathbf{p}, \mathbf{q}$ causative and $\mathbf{q}, \mathbf{p}$ preventive are compatible
Provided relative to same complement
This is true for relatives, as well as absolutes
$\mathbf{p}, \mathbf{q}$ causative and $\mathbf{p}, \mathbf{q}$ preventive are compatible
Provided relative to opposite complements
This is true for relatives, as well as absolutes
$\mathbf{m}, \mathbf{q}$ or $\mathbf{n}, \mathbf{p}$ (for the same items) are compatible
Whether relative to $S$ or to notS
This is true for relatives, as well as absolutes
$\mathbf{p}, \mathbf{q}$ (for the same items) are compatible
Provided relative to same complement
This is true for relatives, as well as absolutes
$\mathbf{p}, \mathbf{q}$ relative to $S$ deny $\mathbf{p}, \mathbf{q}$ relative to notS
Provided relative to opposite complements
This is true for relatives, but not for absolutes
$\mathbf{p}, \mathbf{q}$ rel to $S$ causative deny $\mathbf{q}, \mathbf{p}$ rel to notS preventive
Provided relative to opposite complements
This is true for relatives, but not for absolutes

[^0]
[^0]:    No pair of these forms are formally contradictory or subcontary or subalterns. They are all either contrary or unconnected.

