

## Syllogisms and Consequences

Syllogism:    1<sup>st</sup> position                      2<sup>nd</sup> position                      3<sup>rd</sup> position

A has the quality of being    p    because it's                      q

Statement of quality: A is q

Statement of pervasion: whatever is q is necessarily p; if it's q, it's necessarily p.

Syllogism that works

- If  $q$  is  $< p$  (if the range of  $q$  is less than  $p$ ) or  $q=p$  (if  $q$  and  $p$  are MI),

Syllogisms that don't work:

- If  $q > p$ , it's indefinite reason.
- If  $q$  is MX with  $p$ , it's contradictory reason.
- If  $q$  and  $p$  overlap but neither is wholly the other, it's indefinite reason.

To make a consequence:

1. Start with statement of pervasion: Whatever is  $q$  is necessarily  $p$ .
2. It follows A is  $p$  because it is  $q$ . (you switch what is in the 2<sup>nd</sup> and 3<sup>rd</sup> positions in a syllogism.)
  - $q$  is the reason in a syllogism.
  - $q$  is the first part in a statement of pervasion.
  - In syllogism, the part in the 2<sup>nd</sup> position is the predicate to be proven.
  - In consequence, the part in the 2<sup>nd</sup> position is the point of clarification.