

# PHIL 105 Day 4

## Summary

syllogisms

- a short deductive argument

## Terminology

**valid**

- valid argument - truth preserving
- structure of the argument cannot *lose* truth
- put true premises into the argument, get a true conclusion out.
- putting false premises in, the output could be anything

## Deductive Arguments

An argument which is supposed to be valid

We have true/false statements, and valid arguments (deductive)

**All F are G**

X is an F  
therefore x is a G

**valid**

X is a G  
therefore x is an F

**invalid**

## Disagreements

generalizations vs. counterexample

A video game is not athletic  
All sports are athletic

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A video game is not a sport

One category "athletic activities" with "All sports in it" and **x** outside both.

A video game is a sport // *takes the conclusion as a premise*

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Not all sports are athletic

**farmer perspective**

A beyond burger is not a food animal carcass  
only food animal carcasses are meat

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a beyond burger is not meat

**beyond meat perspective**

A beyond burger is meat

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not only food-animal carcasses are meat