

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

Desagreements

generalizations vs. counterexample

A video game is not athletic
All sports are athletic

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*

Not all sports are athletic

farmer perspective

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

a beyond burger is not meat

beyond meat perspective

A beyond burger is meat

not only food-animal carcasses are meat