

Name: Arjun Khandkar
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Axioms That Justify Each Other

1. The universe is uniformly expanding in all directions
2. The Sun is a medium-sized star
3. There are countless stars much more massive than the Sun
4. A star much larger than the sun can get massive and unstable enough to collapse into a singularity called a black hole
5. The properties of black holes make their direct observation impossible
6. Massive stars are evenly distributed throughout the universe
7. A uniformly expanding universe has a definite, unchanging center
8. There is an invisible supermassive black hole in the centre of the universe

Axioms That Do Not Justify Each Other

1. Humans are not the only species on planet Earth
2. Humans are the only intelligent species on planet Earth
3. Not all extant lifeforms on Earth are intelligent
4. Complex social behavior and the use of tools is a sign of intelligence
5. Bees display complex social behavior
6. Bees are insects
7. Insects are non-intelligent lifeforms
8. Apes can make and use simple tools

“Words Do Not Mean Much” Human languages have evolved naturally over thousands of years. A single language is spoken in multiple dialects, over many geographical regions, not bound by a formal specification. This makes natural language highly contextual and ambiguous. Thus, attempting to explain solid logical rationales by simply using natural language is insufficient. The meanings of words may change based on context and are open to personal interpretation. Some words may also deviate from their etymological root in meaning over time. Hence, words, by themselves, do not mean much.