0 Question: Does there exist s in S that has property P?

A1: No

A2: Yes

Arguments for A1

Arguments for A2

3 Question: Do any of {s_1, …, s_10} \subset S have property P?

A1: No

A2: No

1 Question: If there is no s in S with property P, does that imply A?

A1: No

A2: Yes

4 Question: Do any of {s_11, …, s_20} \subset S have property P?

A1: No

A2: No

2 Question: Is it known that ~A?

A1: Maybe

A2: Yes

5 Question: Do any of {s_21, …, s_30} \subset S have property P?

A1: No

A2: Maybe

6 Question: Do any of {s_31, …, s_40} \subset S have property P?

A1: No

A2: Maybe