



Inference

 Inference in FOL involves showing that some sentence is true, given a current knowledge-base, by exploiting the semantics of FOL to create a new knowledge-base that contains the sentence in which we are interested.

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	Toothache=True	Toothache=False
Cavity True	0.04	0.06
Cavity False	0.01	0.89
•What's the proba •What's the proba •What's the proba	bility of having a cavity ar bility of having a toothach bility of not having a cavit	nd a toothache? ne? ry?





















