

Law of parsimony

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“Entities must not be multiplied beyond necessity”
~ William of Ockham

How common is parsimony in our daily lives? The law of parsimony is a commonly utilized tool, even without acknowledgement. Parsimony is science and art at its finest. It is essential for the development of beauty: "We could still imagine that there is a set of laws that determines events completely for some supernatural being, who could observe the present state of the universe without disturbing it. However, such models of the universe are not of much interest to us mortals. It seems better to employ the principle known as Occam's razor and cut out all the features of the theory that cannot be observed" [1]. Ockham's (occam) razor is an excellent problem solving skill. Particularly when one must develop a hypothesis for the preference of simplicity and falsifiability. Nevertheless, it comes handy when we are blue. Communicating properly with others can be painstaking. However, by choosing the simplest explanation to problems (with our audience's needs in mind) we can better express ourselves. This can only be executed properly when we notice that no two distinct things resemble each other exactly [2]. The law of parsimony is tricky to master, but is useful in our daily lives. The best route to our destination is the one with the least steps.

[1]Hawking, Stephen, 1942-2018. *A Brief History of Time*.

[2]Leibniz, Gottfried, 1686. *Discourse on metaphysics*.