This video reveals a fundamental source of ambiguity in two-dimensional measurements of operant performance for reward, such as those obtained in the curve-shift and progressive-ratio paradigms. We show how the three-dimensional portrayal provided by the reward-mountain model resolves this ambiguity.

The reward-mountain model is derived, described, discussed, and applied in the following papers:

  http://psycnet.apa.org/journals/bne/122/5/1126/

  http://www.plosone.org/article/info%3Adoi%2F10.1371%2Fjournal.pone.0015081

  http://www.springerlink.com/content/w37074k2586301j6/?MUD=MP

  http://www.jneurosci.org/content/31/14/5426.long

  http://www.ncbi.nlm.nih.gov/pmc/articles/PMC3275781/

  http://www.jneurosci.org/content/32/32/11032.long

  http://www.ncbi.nlm.nih.gov/pmc/articles/PMC3787655/


The image of Flatman is used under license from Shutterstock Images LLC.