**Supplement E**

**Ambiguous concepts**

Understand what you are annotating – do not automatically assume what an acronym, word or phrase means in the article. Terms that look like they should be in a particular hierarchy or related to certain terms may represent completely different concepts. If uncertain, check the original article (if full-text is available). And match with *NALT* preferred or entry-level terms and definitions.

* alveolar: “Relating to the socket of a tooth or part of a jawbone which contains the tooth sockets OR relating to the alveoli of the lungs …” (*Oxford English Dictionary*)
* Ant colony optimization: “... is an optimization algorithm ... used for solving computational problems and finding the optimal path with the help of graphs ... motivated by ... the grouping of ants in real environments ...” (ScienceDirect)
* Artificial bee colony: “... a swarm based meta-heuristic algorithm that for optimizing numerical problems ... inspired by the intelligent foraging behavior of honey bees ... (Scholarpedia)
* BDM: Biologics Development Module or bird damage management?
* Bhattacharyya distance: “... measures the similarity of two probability distributions ...” (Wikipedia), "... measure the closeness of two distributions ..." (ScienceDirect)
* cashew apple: "Botanically, the cashew apple (CA) is a pseudo-fruit of the cashew (Anacardium occidentale L.) ..." "Modeling and optimization of pectinase-assisted low-temperature extraction of cashew apple juice using artificial neural network coupled with genetic algorithm." *Food Chemistry* (2021), Volume 339, 127862. https://doi.org/10.1016/j.foodchem.2020.127862.
* CBD: cannabinoids or citrus blotch disease?
* cost surface (or cost grid): "... raster grid in which the value in each cell is the cost that a particular activity or object would be in that cell ..." (GIS Encyclopedia, http://wiki.gis.com/)
* generative adversarial networks (or nets): “... a class of machine learning frameworks ... Two neural networks contest with each other in the form of a zero-sum game, where one agent's gain is another agent's loss ...” (Wikipedia)
* Loess Plateau: "... a plateau in north-central China formed of loess, a clastic silt-like sediment formed by the accumulation of wind-blown dust ..." (Wikipedia)
* melting curve analysis: “... assessment of the dissociation characteristics of double-stranded DNA during heating...” (Wikipedia).
* milk stage: "... the stage when the grains are being filled. It begins after flowering and lasts for about 2 weeks ..." (Guyana Rice Development Board)
* orbit: “Bony cavity that holds the eyeball and its associated tissues and appendages” (*MESH*)
* *Paenibacillus larvae*: “... (bacteria) widely accepted as the main causative pathogen for American Foulbrood in honey bees ...” (ScienceDirect)
* point cloud: “... a discrete set of data points in space ...” (Wikipedia)
* survival analysis: “... branch of statistics for analyzing the expected duration of time until one event occurs, such as death in biological organisms and failure in mechanical systems ...” (Wikipedia)
* vine copula: “... A vine is a graphical tool for labeling constraints in high-dimensional probability distributions ... Copulas are multivariate distributions with uniform univariate margins ...” (Wikipedia)