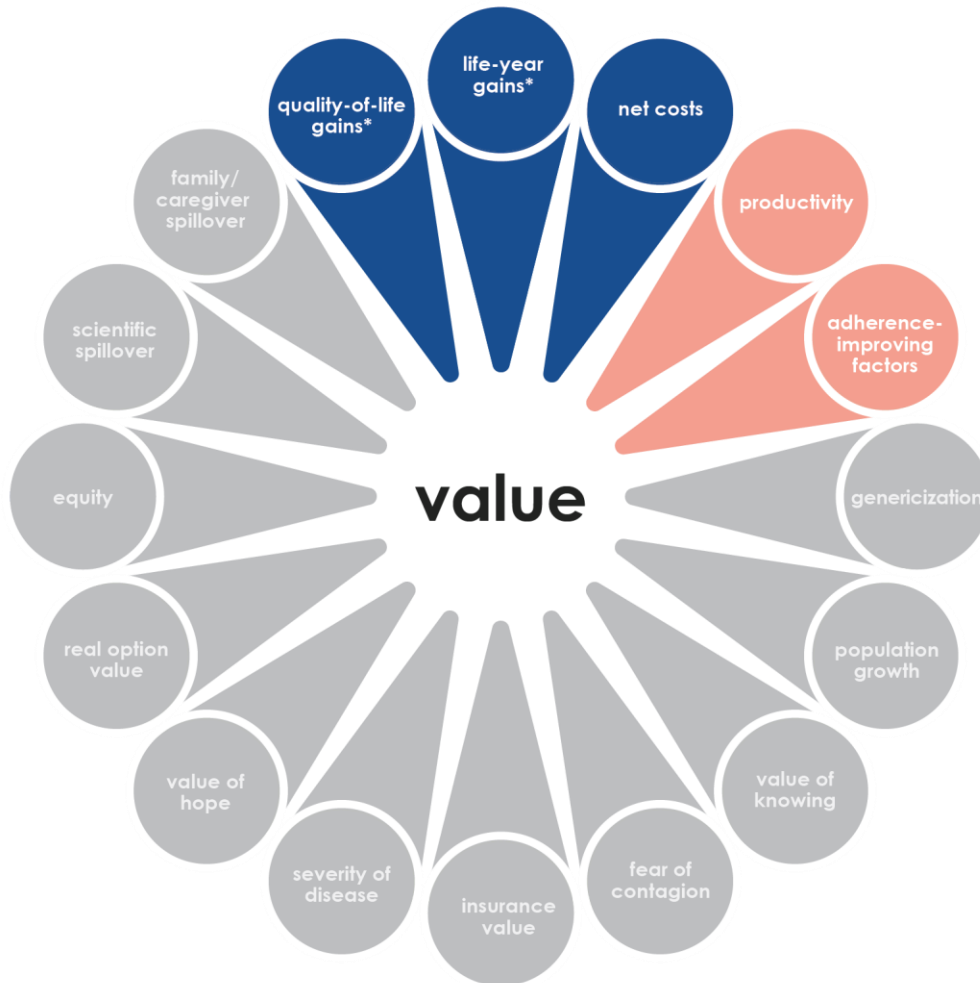


Cost-effectiveness Value Flower: Simple vs. Generalized Math

In calculating whether a medicine may be worth its price, Generalized math takes into account at least some of the values represented by **grey petals**, while conventional Special math focuses on just **blue** and sometimes **orange petals**.



* Although conventional cost-effectiveness math combines Quality-of-life and Life-Year gains into Quality-Adjusted Life-Years (QALYs), we have split the two measures in recognition of the growing awareness that a QALY undervalues the lives of people whose quality of life is reduced by disabilities. Using QALYs would result in a conclusion that extending the life of someone living in a wheelchair is less worthwhile than extending the life of someone who is otherwise healthier. By splitting the QALY into its constituent parts, it becomes possible to value life extension equally for everyone.

** Adapted from [https://www.valueinhealthjournal.com/article/S1098-3015\(17\)33892-5/fulltext](https://www.valueinhealthjournal.com/article/S1098-3015(17)33892-5/fulltext)