4.2.3   Aggregate Health Score

Because the parameter scales have been correlated so that the highest value represents the optimal maximum, it becomes meaningful to report the set of values as a health score.

> A tree's **Health Score** is the list of the parameters used in an assessment along with their deviations from the norm.

This score can be designated "meaningful" because the values are normalized and ordered consistently, which makes it possible to view and use them as a coherent value set.

Table 4: Health Score of the Tree in Figure 48

Parameter	Deviations
Ratio	0
Opacity	3
Vitality	0
Growth	0
Quality	0

The Health Score has a number of useful properties:

- It is a concise health description
- It carries analytic information
- It is easily communicated
- It permits meaningful population-level analysis of tree health