

## degrees of freedom, $\nu$

A statistical quantity indicating the number of values which could be arbitrarily assigned within the specification of a system of observations. For simple replication, with  $n$  measurements and one estimated parameter (the mean),  $\nu = n - 1$ . More generally, for multivariable computations, the number of degrees of freedom equals the number of observations minus the number of fitted parameters.

### **Source:**

PAC, 1994, 66, 595 (*Nomenclature for the presentation of results of chemical analysis (IUPAC Recommendations 1994)*) on page 599