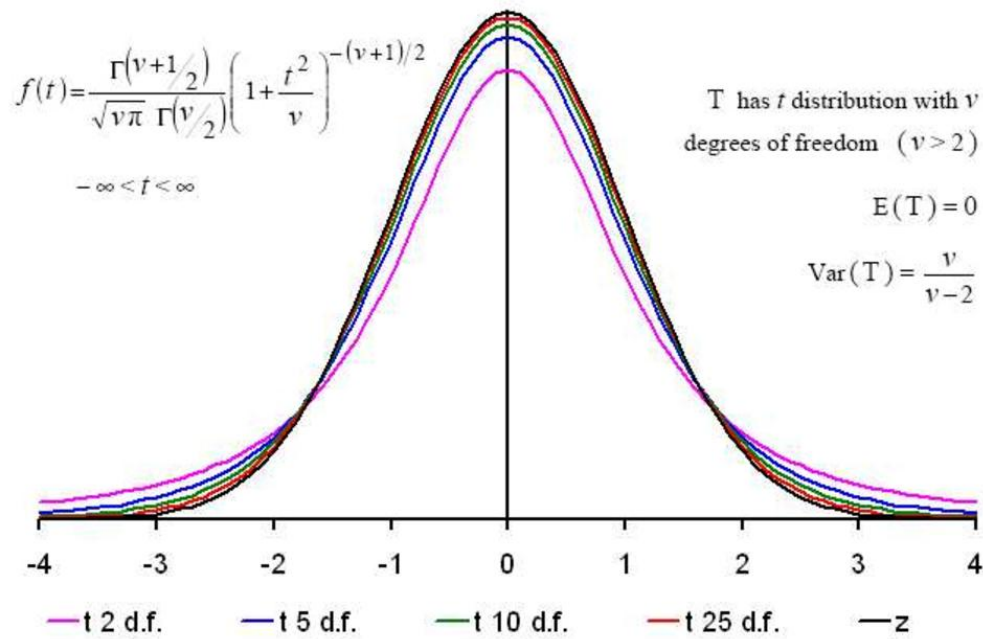


William Gosset
(1876-1937)



The t Distribution



EXCEL:

=TINV(α , v) gives $t_{\alpha/2}$ for t distribution with v degrees of freedom

=TDIST(t , v , 1) gives the upper tail probability for t distribution with v degrees of freedom, $P(T > t)$.

=TDIST(t , v , 2) gives $2 \times P(T > t)$.