

x	-1	0	$+\infty$
var.	$+\infty$	0	$+\infty$
σ			

The diagram illustrates a mapping between the variable x and the variance var. . The values of x are -1 , 0 , and $+\infty$. The corresponding values of var. are $+\infty$, 0 , and $+\infty$. Arrows indicate that as x increases from -1 to 0 , the variance decreases from $+\infty$ to 0 . As x increases from 0 to $+\infty$, the variance increases from 0 to $+\infty$.