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**ESTIMATION OF THE MEAN OF A NORMAL POPULATION  
WITH KNOWN COEFFICIENT OF VARIATION**

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In many situations, the coefficient of variation is known though the mean and variance may not be known. This additional information on the coefficient of variation can be used to improve upon the usual estimator of the unknown mean. Three biased but simple estimators for the mean of the normal distribution when the coefficient of variation is known are proposed and their properties are studied. The performance of these estimators is compared with some other existing methods; and it turns out that the new proposed estimators compete well.

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