① Sample =
$$(6.0, 3.0, 5.0)$$

Centroid = $(7.3, 4.3, 6.0)$

$$= \sqrt{1.3^{2} + 1.3^{2} + 1} = \sqrt{4.38} = 2.1$$

② Sample =
$$(6, 3, 5)$$

mean $(\mu) = (7.3, 4.3, 6)$

Variance (0") = (2.3, 10.3, 1.0)

No Covariance

$$(\text{mean-sample})$$
 $| \sigma' = (\frac{1.69}{2.3}, \frac{1.69}{10.3}, \frac{1}{1.0}) = (0.73, 0.16, 1)$

