A $[X_1][X_2]$ Two voxel nodes

B $[Y_2][Y_1]$ One Voxel Node

Est 1) $\frac{1}{2}(X_1 + X_2)$

$\frac{1}{4}\left(\sum_{i,j} \sum_{i=1,j=1}^{2} X_i - Y_j\right)$

$\bar{X}_t = \left(\frac{1}{2}(X_1 + X_2)\right)_t$

$\frac{1}{4}\left(\left(\frac{1}{2}(X_1 + X_2)\right)\right)$ ie $\frac{1}{2}(X_{1t} + X_{2t})$

$$E_1 = \frac{1}{T}\left(\frac{1}{T}\sum_{t=1}^{T} X_{1t}\bar{X}_t\bar{Y}_t - \left(\frac{1}{T}\sum_{t=1}^{T}\bar{X}_t\right)\left(\frac{1}{T}\sum_{t=1}^{T}\bar{Y}_t\right)\right)$$

vs

$\frac{1}{T}$ X

$$E_2 = \frac{1}{mn}\left(\sum_{i=1,j=1}^{m,n}\left(\frac{1}{T}\sum X_{it}Y_{jt} - \left(\frac{1}{T}\sum X_{it}\right)\left(\frac{1}{T}\sum Y_{jt}\right)\right)\right)$$

=