Quiz 4 # 17

$$V(\overline{y}) = V \left[\sum_{i=1}^{N} \frac{1}{N^{2}} \underbrace{Y_{i}}_{i=1}^{N} \underbrace{Y_{i}}_{N^{2}} \right]$$

$$= \frac{1}{N^{2}} \underbrace{\sum_{i=1}^{N} V(Y_{i})}_{N^{2}}$$

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