ADDENDUM: ON QUICKSELECT, PARTIAL SORTING AND MULTIPLE QUICKSELECT.

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There were errata in both Theorem 1 and its proof.

- Formula (4): the correct definition for $A(n,j)$ is given by

$$A(n,j) := \sum_{k=j+1}^{n} \frac{ka_{k,j} - (k-1)a_{k-1,j-1} - (k-1)a_{k-1,j} + (k-2)a_{k-2,j-1}}{k}$$
$$+ \frac{ja_{j,j} - (j-1)a_{j-1,j-1}}{j}.$$

- Formula (9): we obviously get from (8)

$$X_{n,j} - X_{n-1,j-1} = \frac{na_{n,j} - (n-1)a_{n-1,j-1} - (n-1)a_{n-1,j} + (n-2)a_{n-2,j-1}}{n}$$
$$+ X_{n-1,j} - X_{n-2,j-1}.$$

- Formula (10):

$$X_{n,j} - X_{n-1,j-1} = \sum_{k=j+1}^{n} \frac{ka_{k,j} - (k-1)a_{k-1,j-1} - (k-1)a_{k-1,j} + (k-2)a_{k-2,j-1}}{k}$$
$$+ \frac{ja_{j,j} - (j-1)a_{j-1,j-1}}{j} = A(n,j),$$

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