

# Sampling with replacement

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Power notation: "5-to-power-3"

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Generalisation: The number of ordered samples  $(a_{j_1}, a_{j_2}, \dots, a_{j_k})$  of size  $k$  that can be drawn **with** replacement from a population  $\{a_1, a_2, \dots, a_n\}$  of size  $n$ :



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(2, 5, 2)

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