(A Trivial) Example 1: Let $X_1, X_2, ..., X_n$ be Bernoulli random variables with parameter p. What is the method of

moments estimator of
$$p$$
?

 $X_{i} \sim B_{GL}(p)$
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Example 2: $X_1, X_2, ..., X_n$ be normal random variables with mean μ and variance σ^2 . What are the method of moments estimators of the mean μ and variance σ^2 ?

Example
$$x_{1}, x_{2}, x_{3}, x_{4}, x_{5}, x_{5},$$