Sampling inference, expected value and counting

ACT · Vocabulary in context

Word	Example
permutation /ˌpɜːmjuːˈteɪʃn/	Arranging 3 books on a shelf is a **permutation**: order matters.
combination /ˌkɒmbɪˈneɪʃn/	Choosing 2 students from 5 is a **combination**: order does not matter.
conditional probability /kənˈdɪʃənl ˌprɒbəˈbɪlɪti/	Find the **conditional probability** using only the chosen group.
expected value /ekˈspektɪd ˈvæljuː/	The **expected value** of one dice roll is 3.5. 3.5
margin of error /ˈmɑːdʒɪn ɒv ˈerə/	The poll has a **margin of error** of 3%. 3%

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