

# Mann-Whitney U test

In [statistics](#), the Mann-Whitney U test (also called the Mann-Whitney-Wilcoxon (MWW/MWU), Wilcoxon rank-sum test, or Wilcoxon-Mann-Whitney test) is a [nonparametric test](#) of the null hypothesis that, for randomly selected values X and Y from two populations, the probability of X being greater than Y is equal to the probability of Y being greater than X.

Nonparametric tests used on two dependent samples are the Sign test and the Wilcoxon signed-rank test.

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