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Truncation selection

From Wikipedia, the free encyclopedia

Truncation selection is a [selection method](#) used in [genetic algorithms](#) to select potential candidate solutions for recombination.

In truncation selection the candidate solutions are ordered by fitness, and some proportion, *p*, (e.g. *p* = 1/2, 1/3, etc.), of the fittest individuals are selected and reproduced 1/*p* times. Truncation selection is less sophisticated than many other selection methods, and is not often used in practice. It is used in Muhlenbein's **Breeder Genetic Algorithm**.^[1]

References [\[edit\]](#)

- ↑ H Muhlenbein, D Schlierkamp-Voosen (1993). "Predictive Models for the Breeder Genetic Algorithm" [↗](#). *Evolutionary Computation*.



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