

# Wilcoxon - Mann-Whitney rank sum test

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## 1 Table

Table 1: Wilcoxon values of the IGD quality indicator (Fonseca, Kursawe, Schaffer, ZDT1, ZDT2, ZDT3, ZDT4, ZDT6).

|         | GDE3     | IBEA     | NSGAII     | NSGAIII    | OMOPSO     |
|---------|----------|----------|------------|------------|------------|
| DAMOC   | ▲▲▲▲▲▲▲▲ | ▲▲▲▲▲▲▲▲ | ▲▲▲▲▲▲▲▲   | ▲▲▲▲▲▲▲▲   | ▲▲▲▲▲▲▲▲   |
| SO      |          |          |            |            |            |
| GDE3    |          | ▲▲▲▲▲▲▲▼ | ▼▲▲▲▼▼▼▼▼▲ | ▼▼▲▼▼▼▼▼▼▲ | ▼▼▼▼▼▼▼▲▲▼ |
| IBEA    |          |          | ▼▼-▼▼▼▲▼   | ▼▼-▼▼▼▲▼   | ▼▼▼▼▼▼▼▲▼  |
| NSGAII  |          |          |            | ▼▼-▼-▲▲▲   | ▼▼▼▼▼▼▲▲▼  |
| NSGAIII |          |          |            |            | ▲▼▼▼-▲▲▼   |