Precision and accuracy in Congreve & Lamsdell matrices

Martin R. Smith martin.smith@durham.ac.uk

2018-12-07

Contents

0.1 Summary . . . 1
0.2 Trees 1–10 . . . 22
0.3 Trees 11–20 . . . 178
0.4 Trees 21–30 . . . 335
0.5 Trees 31–40 . . . 492
0.6 Trees 41–50 . . . 648
0.7 Trees 51–60 . . . 805
0.8 Trees 61–70 . . . 962
0.9 Trees 71–80 . . . 1118
0.10 Trees 81–90 . . . 1275
0.11 Trees 91–100 . . . 1432
References . . . 1588

This page depicts the analytical results of all 100 matrices generated by Congreve & Lamsdell [1] using a ternary plotting approach [2], with quartets and partitions used as distance metrics.

0.1 Summary

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

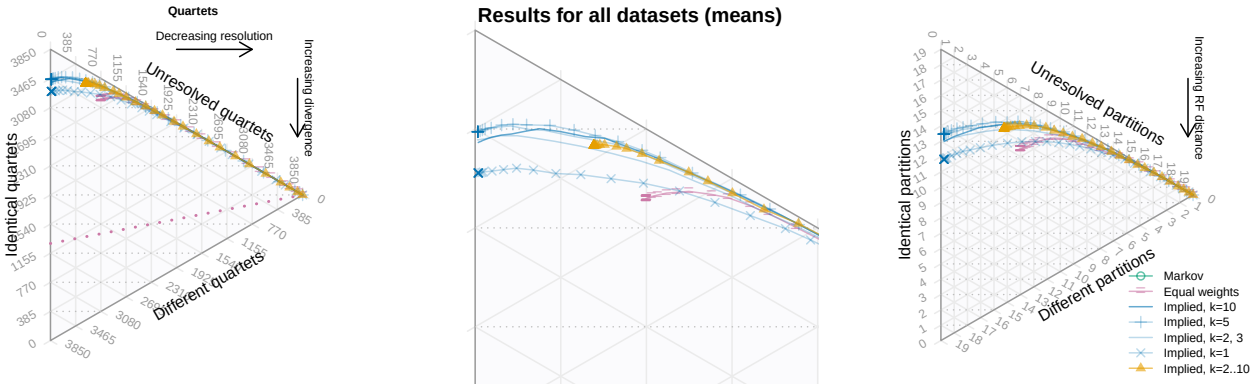
```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```



0.2 Trees 1–10

```
## Warning in Sys.setlocale("LC_ALL", "English_United Kingdom.1252"): OS
## reports request to set locale to "English_United Kingdom.1252" cannot be
## honored

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

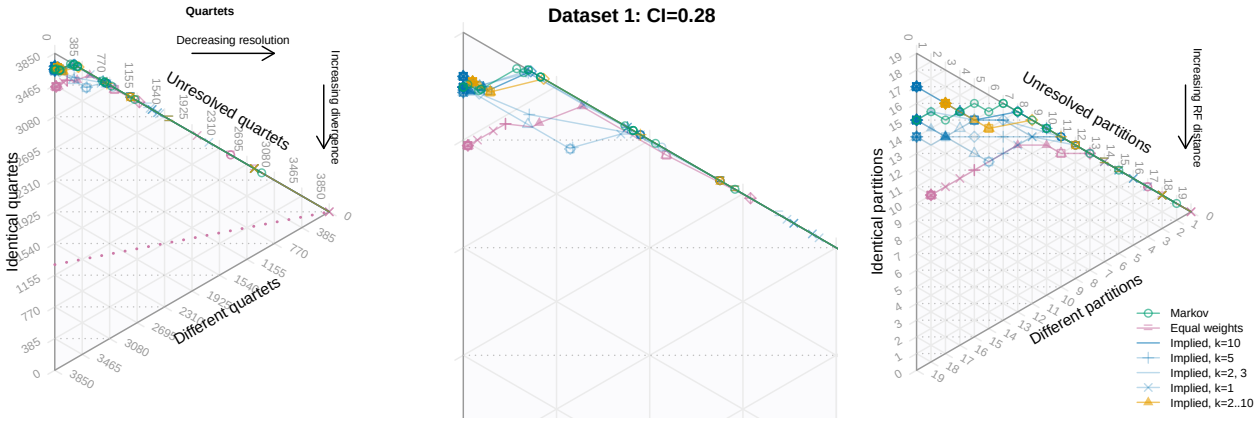
```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```



```
## Warning in Sys.setlocale("LC_ALL", "English_United Kingdom.1252"): OS
## reports request to set locale to "English_United Kingdom.1252" cannot be
## honored
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

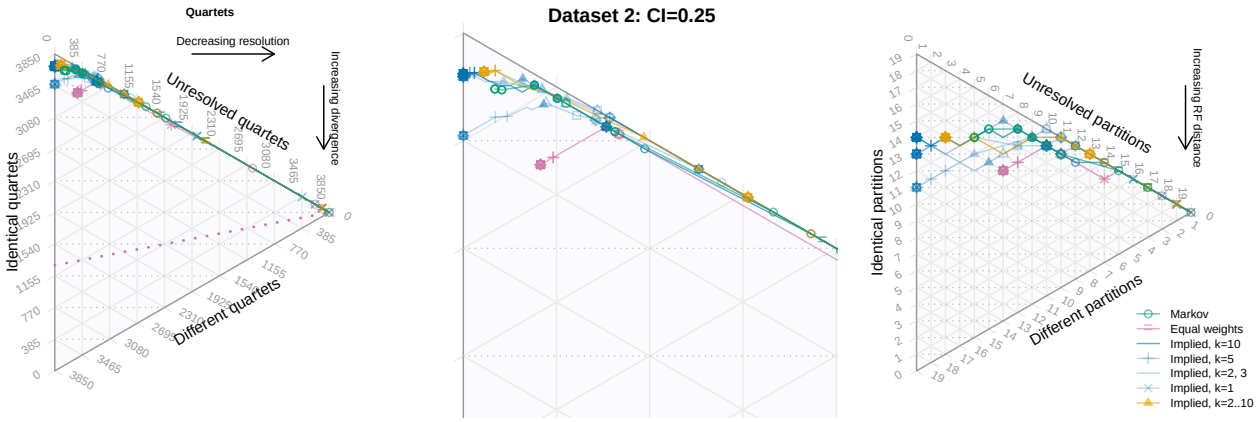
```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```




```
## Warning in Sys.setlocale("LC_ALL", "English_United Kingdom.1252"): OS
## reports request to set locale to "English_United Kingdom.1252" cannot be
## honored

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

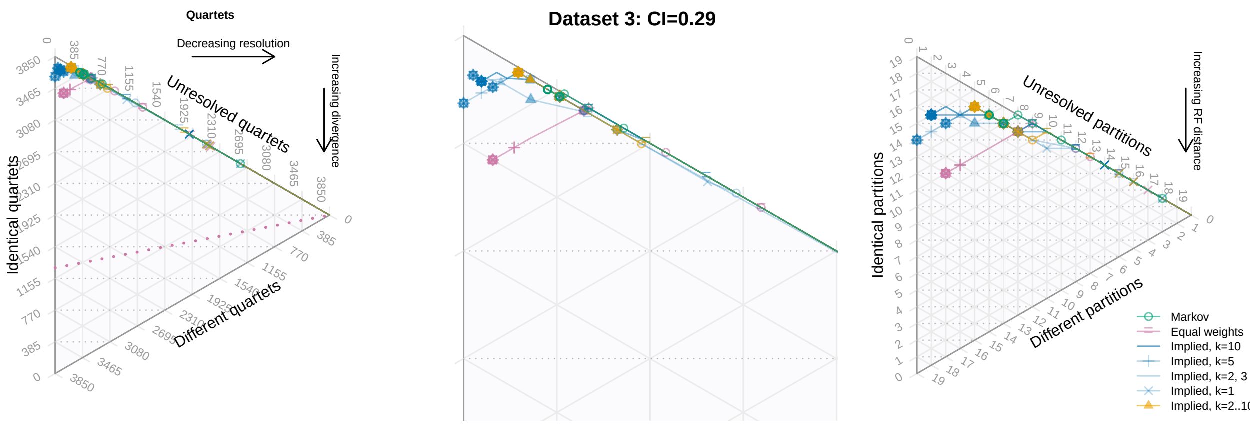
```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```




```
## Warning in Sys.setlocale("LC_ALL", "English_United Kingdom.1252"): OS
## reports request to set locale to "English_United Kingdom.1252" cannot be
## honored

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

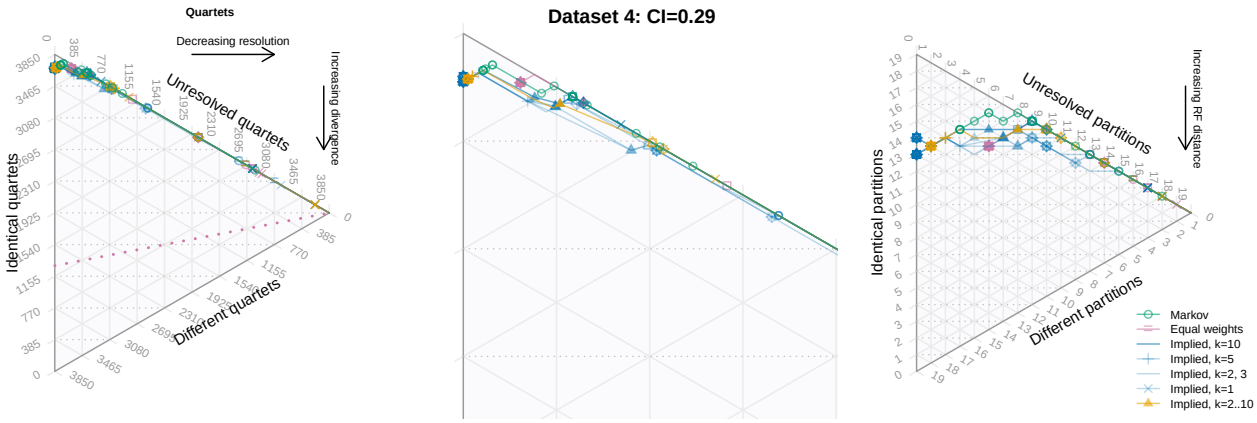
```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```




```
## Warning in Sys.setlocale("LC_ALL", "English_United Kingdom.1252"): OS
## reports request to set locale to "English_United Kingdom.1252" cannot be
## honored

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

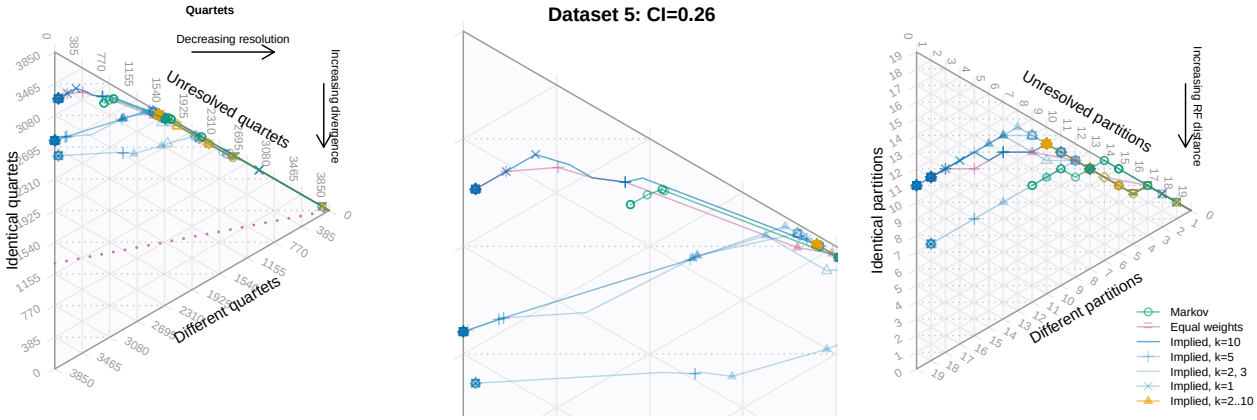
```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```




```
## Warning in Sys.setlocale("LC_ALL", "English_United Kingdom.1252"): OS
## reports request to set locale to "English_United Kingdom.1252" cannot be
## honored

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

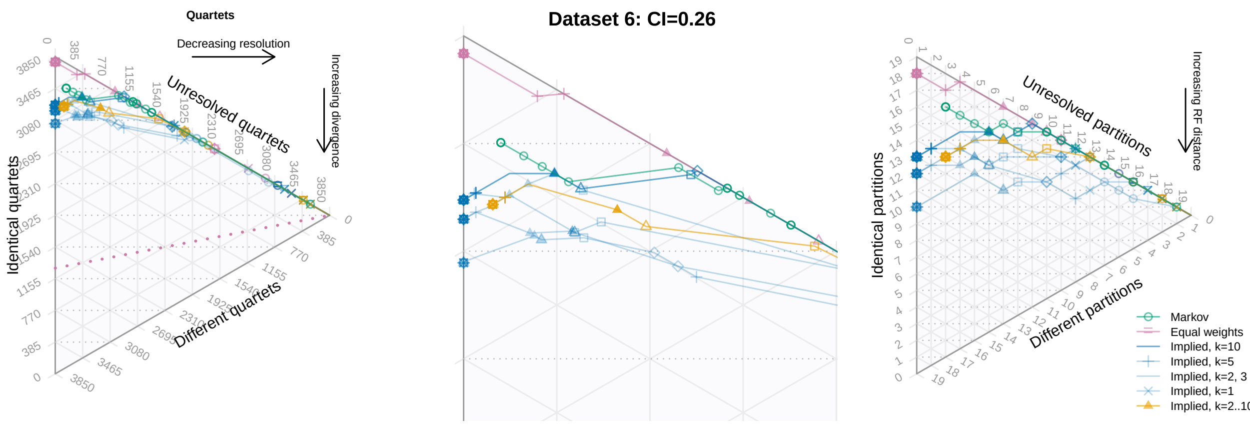
```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```




```
## Warning in Sys.setlocale("LC_ALL", "English_United Kingdom.1252"): OS
## reports request to set locale to "English_United Kingdom.1252" cannot be
## honored

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

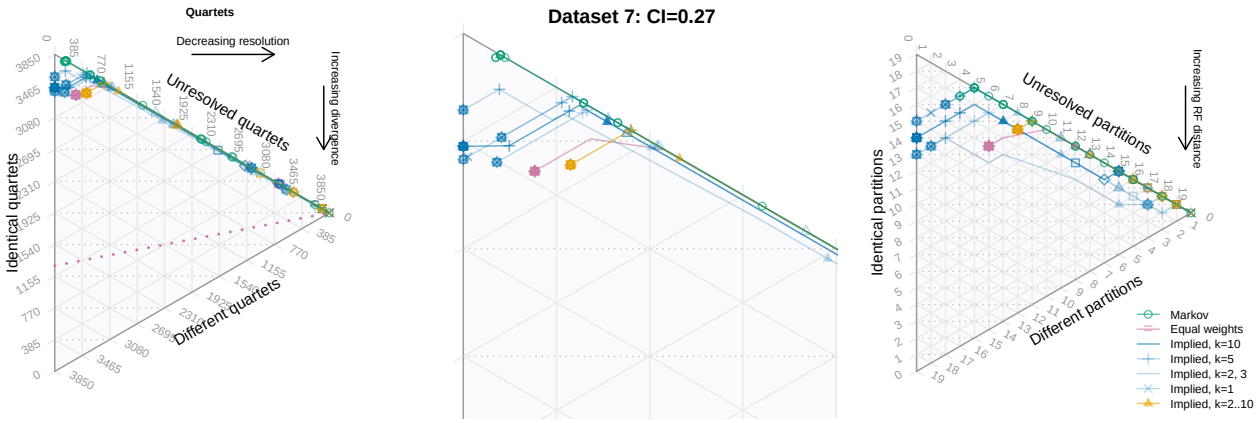
```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```




```
## Warning in Sys.setlocale("LC_ALL", "English_United Kingdom.1252"): OS
## reports request to set locale to "English_United Kingdom.1252" cannot be
## honored

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

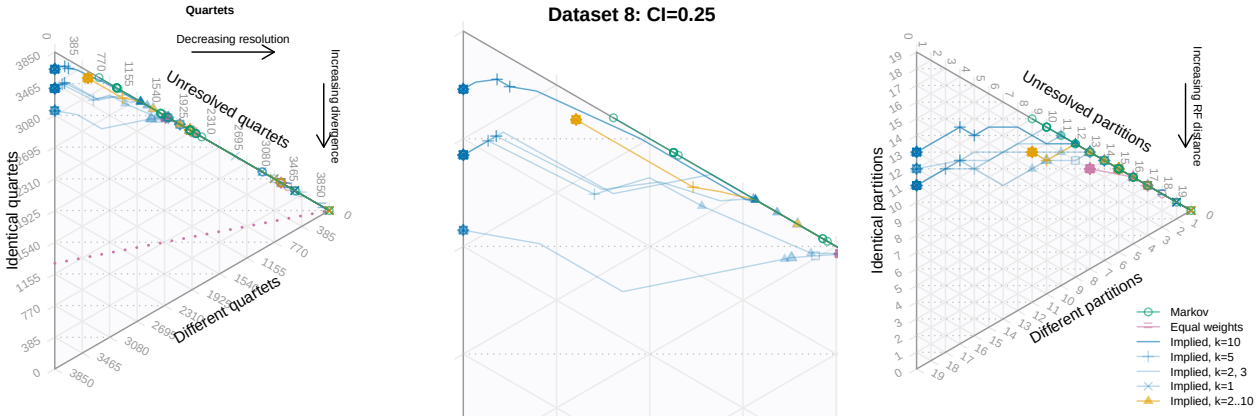
```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```




```
## Warning in Sys.setlocale("LC_ALL", "English_United Kingdom.1252"): OS
## reports request to set locale to "English_United Kingdom.1252" cannot be
## honored

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

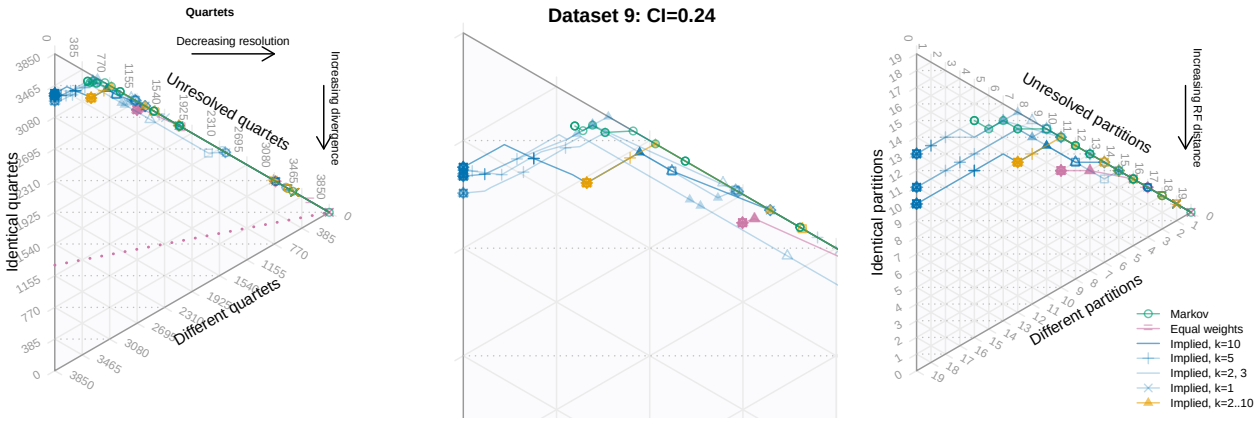
```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```




```
## Warning in Sys.setlocale("LC_ALL", "English_United Kingdom.1252"): OS
## reports request to set locale to "English_United Kingdom.1252" cannot be
## honored
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

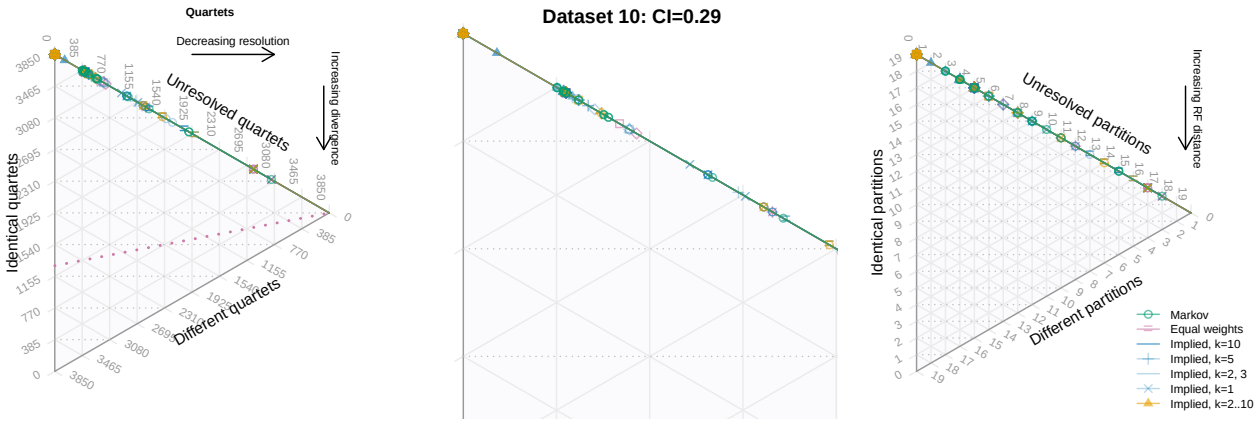
```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```



0.3 Trees 11–20

```
## Warning in Sys.setlocale("LC_ALL", "English_United Kingdom.1252"): OS
## reports request to set locale to "English_United Kingdom.1252" cannot be
## honored

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

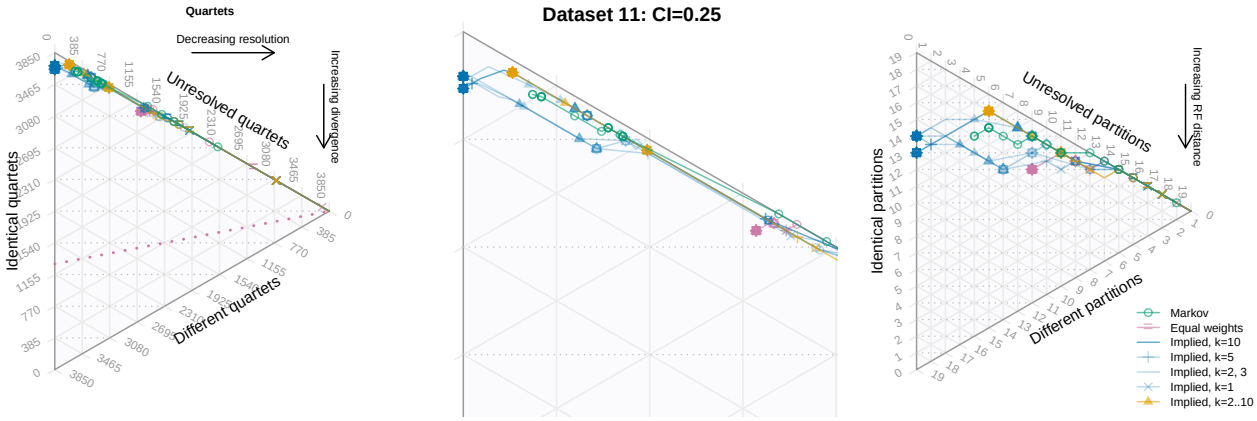
```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```




```
## Warning in Sys.setlocale("LC_ALL", "English_United Kingdom.1252"): OS
## reports request to set locale to "English_United Kingdom.1252" cannot be
## honored

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

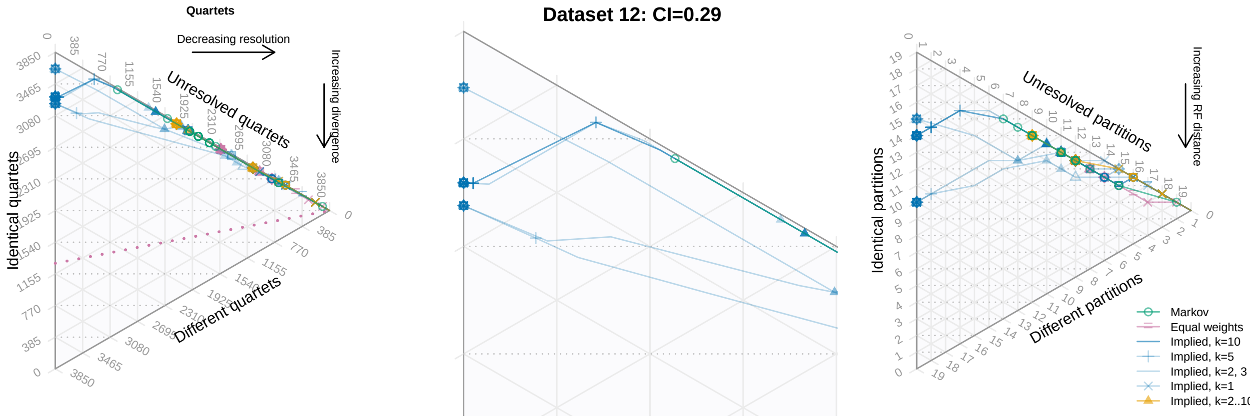
```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```




```
## Warning in Sys.setlocale("LC_ALL", "English_United Kingdom.1252"): OS
## reports request to set locale to "English_United Kingdom.1252" cannot be
## honored

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

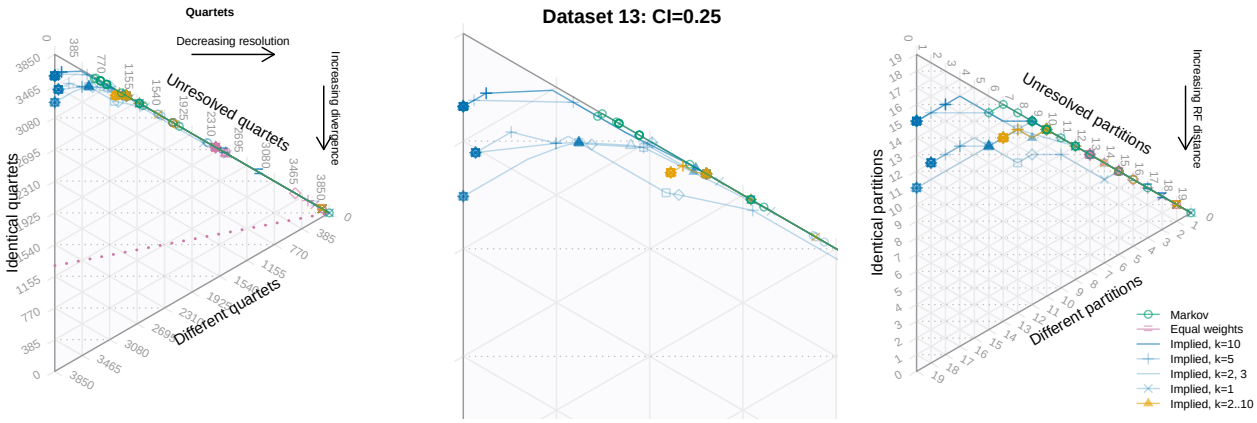
```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```




```
## Warning in Sys.setlocale("LC_ALL", "English_United Kingdom.1252"): OS
## reports request to set locale to "English_United Kingdom.1252" cannot be
## honored

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

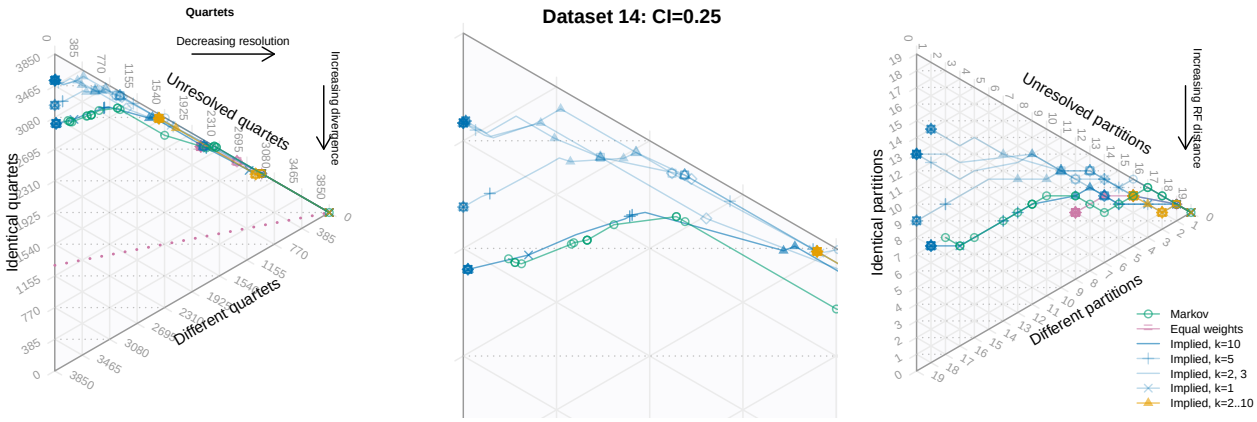
```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```




```
## Warning in Sys.setlocale("LC_ALL", "English_United Kingdom.1252"): OS
## reports request to set locale to "English_United Kingdom.1252" cannot be
## honored

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

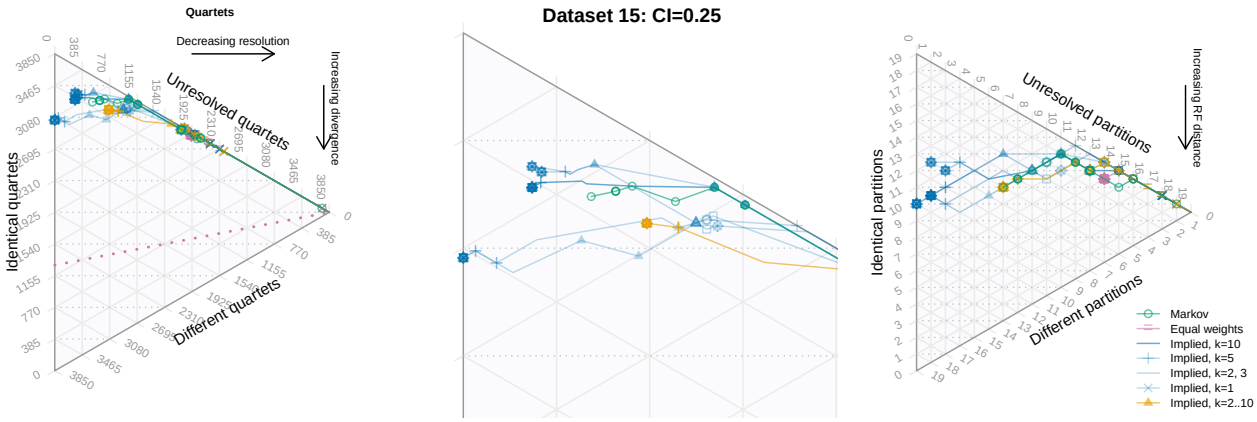
```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```




```
## Warning in Sys.setlocale("LC_ALL", "English_United Kingdom.1252"): OS
## reports request to set locale to "English_United Kingdom.1252" cannot be
## honored
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

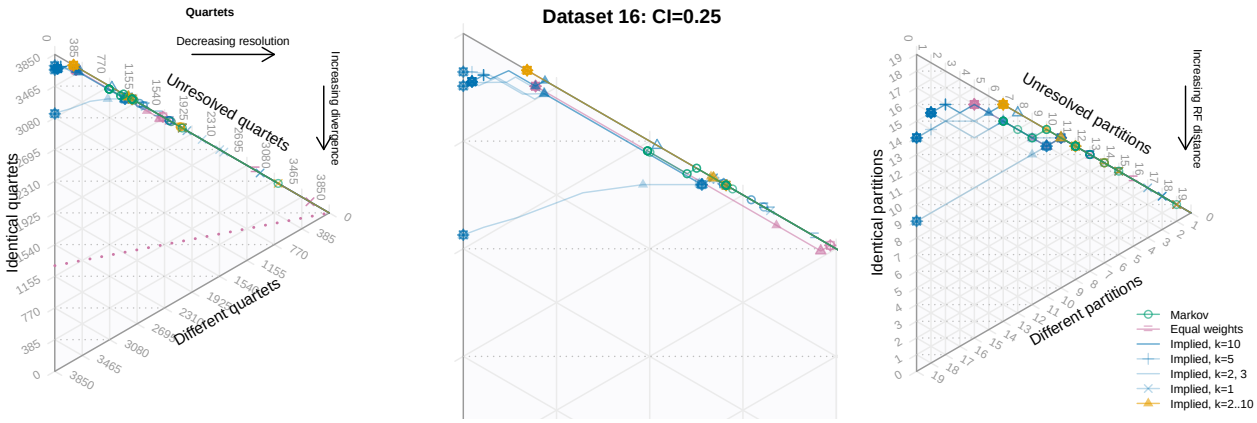
```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```




```
## Warning in Sys.setlocale("LC_ALL", "English_United Kingdom.1252"): OS
## reports request to set locale to "English_United Kingdom.1252" cannot be
## honored

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

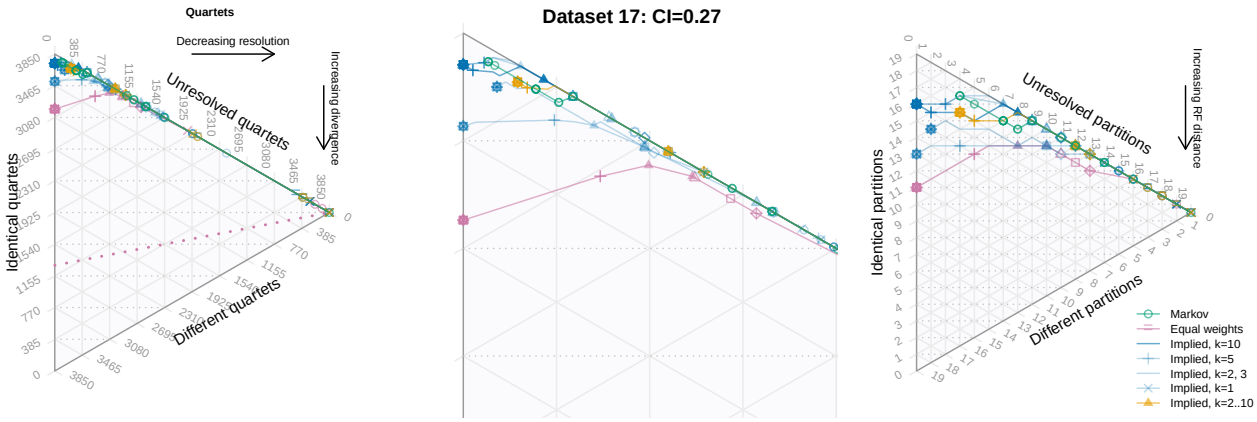
```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```




```
## Warning in Sys.setlocale("LC_ALL", "English_United Kingdom.1252"): OS
## reports request to set locale to "English_United Kingdom.1252" cannot be
## honored

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

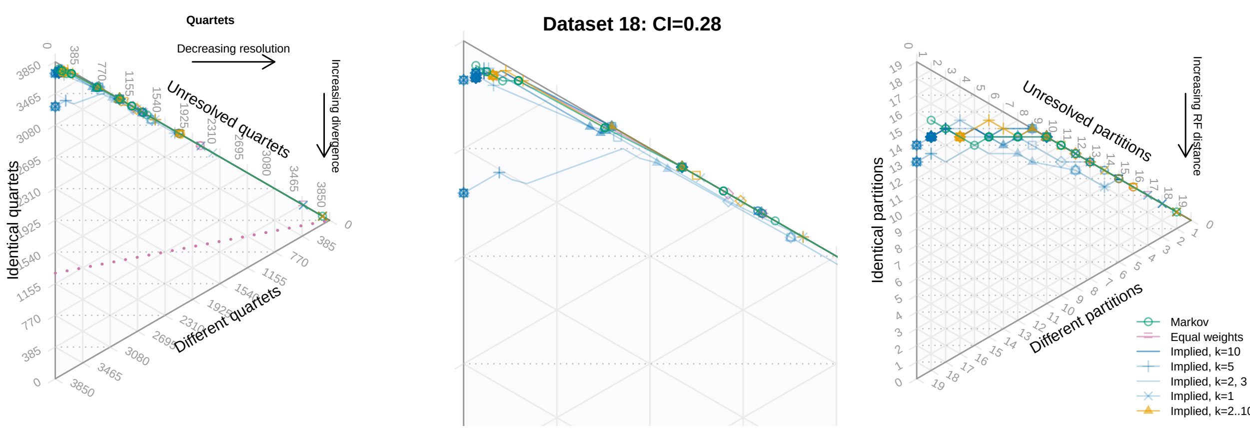
```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```




```
## Warning in Sys.setlocale("LC_ALL", "English_United Kingdom.1252"): OS
## reports request to set locale to "English_United Kingdom.1252" cannot be
## honored

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

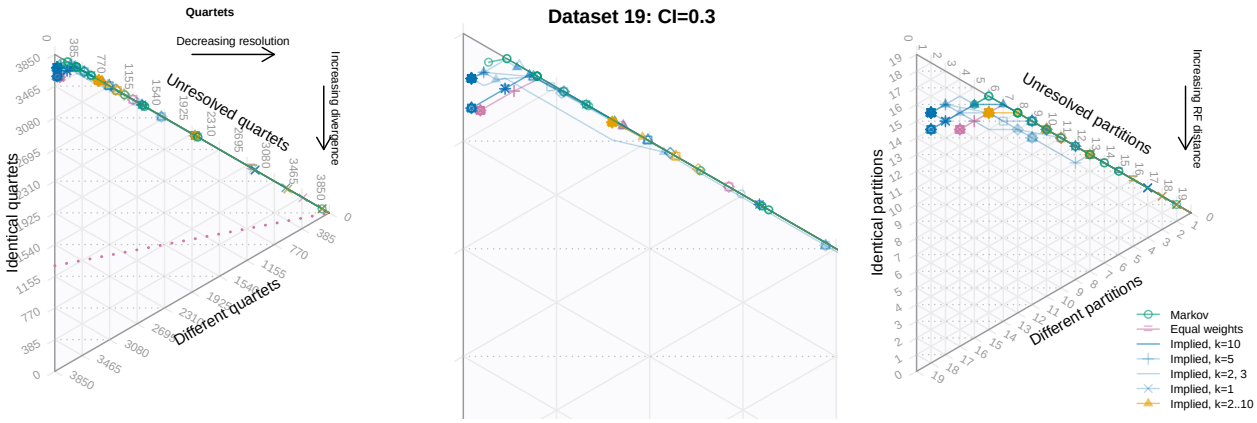
```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```




```
## Warning in Sys.setlocale("LC_ALL", "English_United Kingdom.1252"): OS
## reports request to set locale to "English_United Kingdom.1252" cannot be
## honored

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

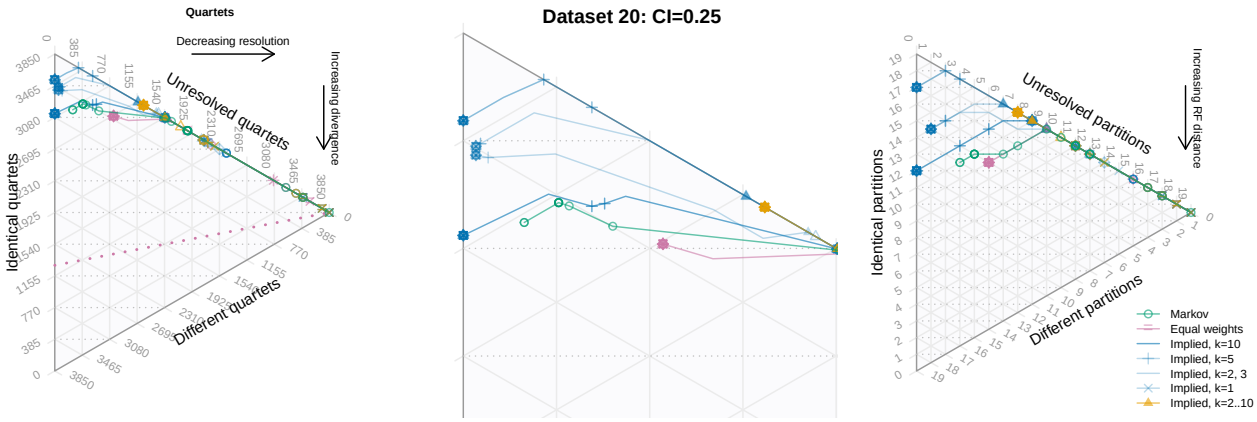
```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```



0.4 Trees 21–30

```
## Warning in Sys.setlocale("LC_ALL", "English_United Kingdom.1252"): OS
## reports request to set locale to "English_United Kingdom.1252" cannot be
## honored

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

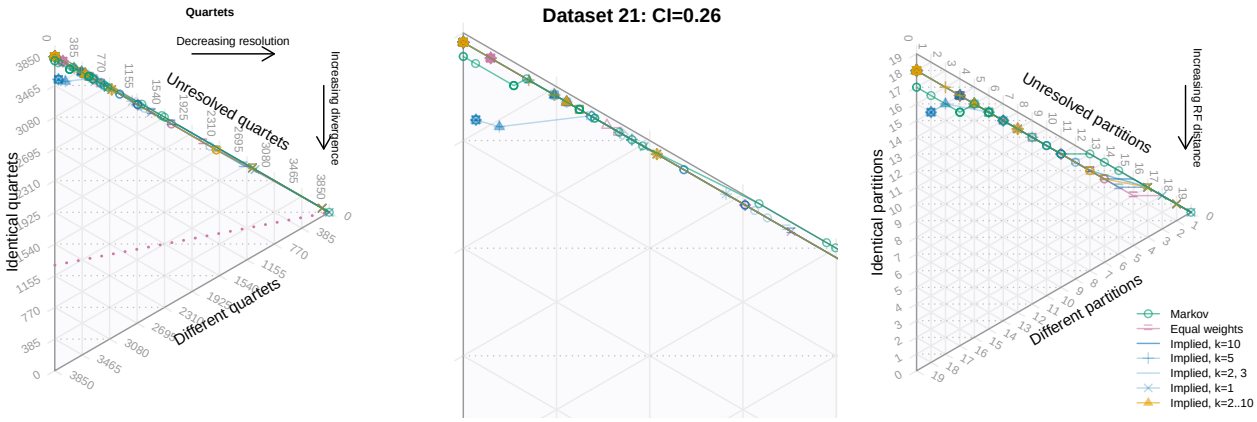
```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```




```
## Warning in Sys.setlocale("LC_ALL", "English_United Kingdom.1252"): OS
## reports request to set locale to "English_United Kingdom.1252" cannot be
## honored
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

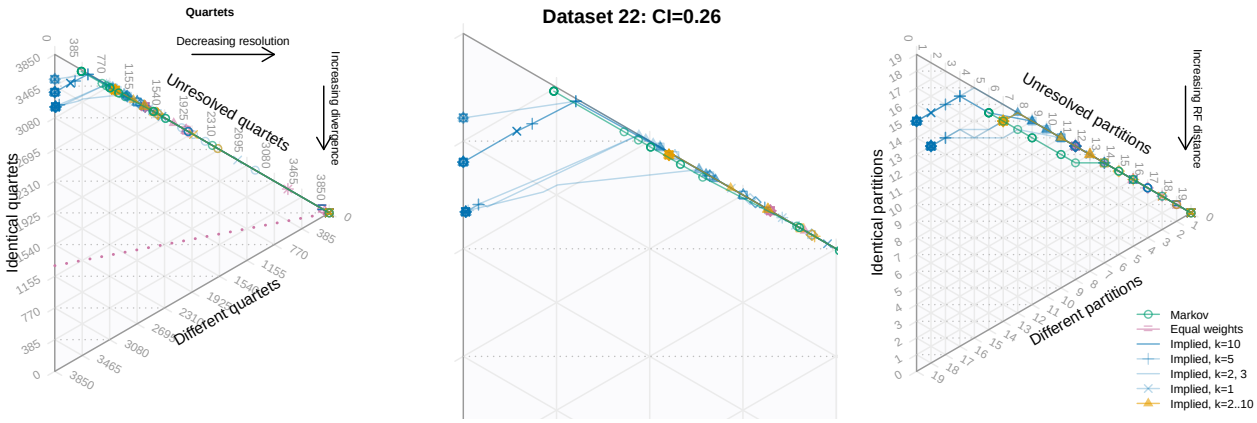
```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```




```
## Warning in Sys.setlocale("LC_ALL", "English_United Kingdom.1252"): OS
## reports request to set locale to "English_United Kingdom.1252" cannot be
## honored

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

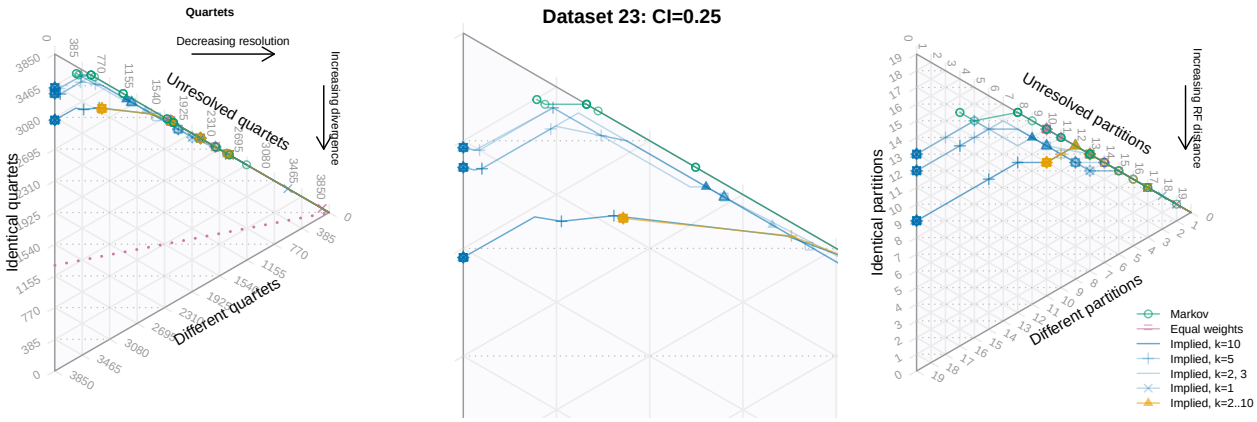
```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```




```
## Warning in Sys.setlocale("LC_ALL", "English_United Kingdom.1252"): OS
## reports request to set locale to "English_United Kingdom.1252" cannot be
## honored

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

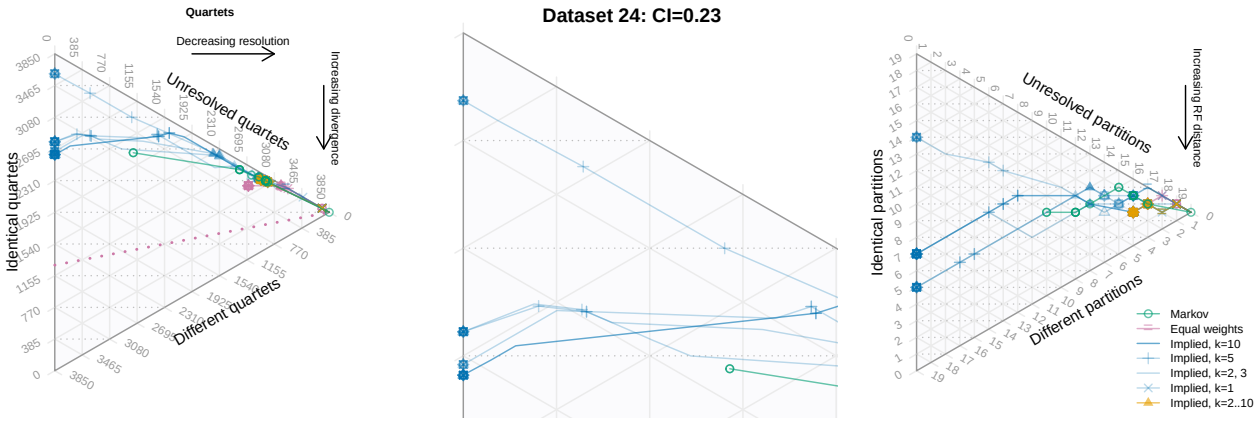
```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```




```
## Warning in Sys.setlocale("LC_ALL", "English_United Kingdom.1252"): OS
## reports request to set locale to "English_United Kingdom.1252" cannot be
## honored
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

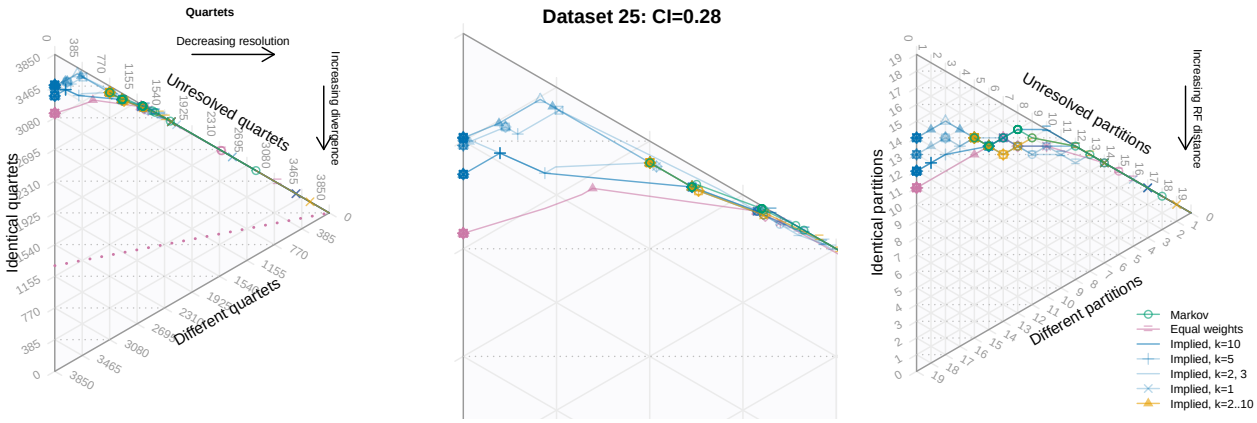
```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```




```
## Warning in Sys.setlocale("LC_ALL", "English_United Kingdom.1252"): OS
## reports request to set locale to "English_United Kingdom.1252" cannot be
## honored

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

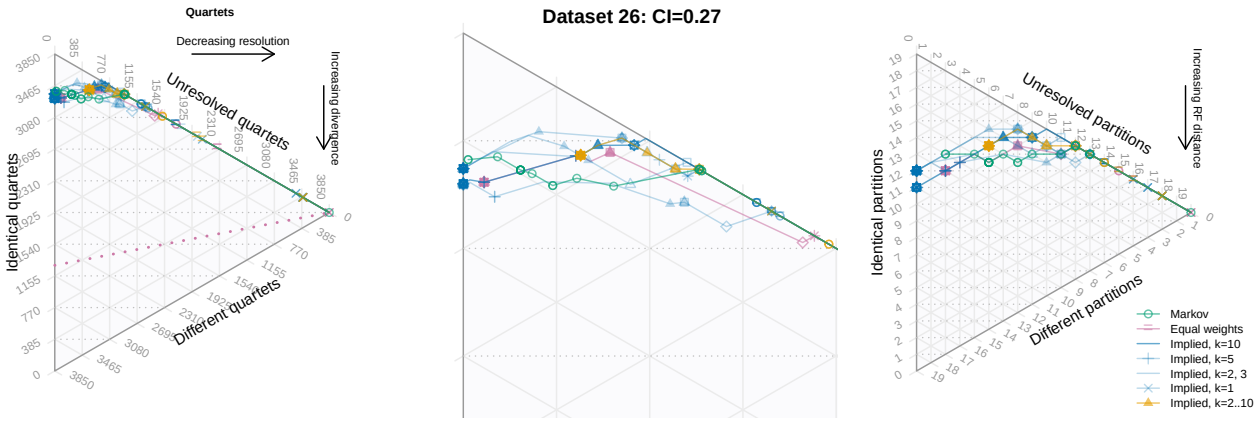
```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```




```
## Warning in Sys.setlocale("LC_ALL", "English_United Kingdom.1252"): OS
## reports request to set locale to "English_United Kingdom.1252" cannot be
## honored

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

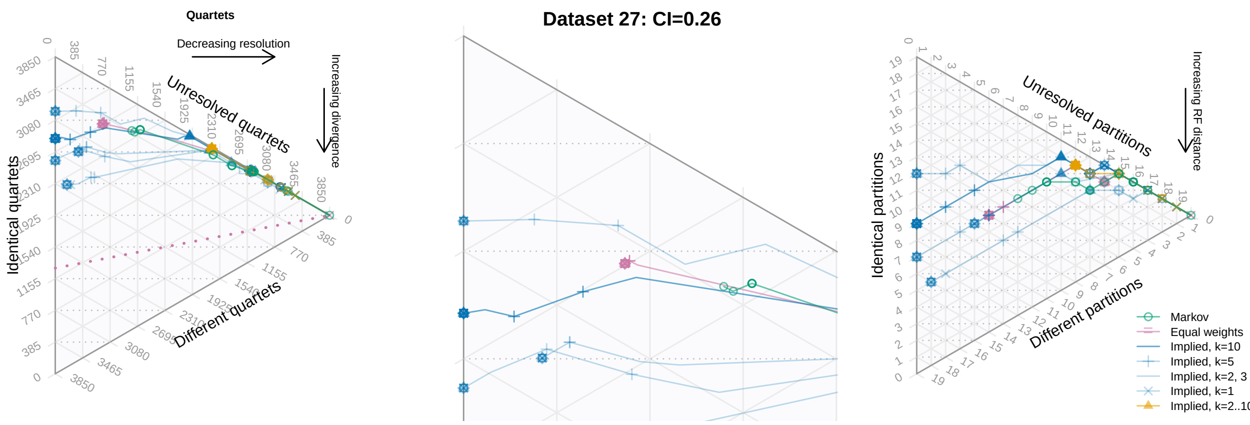
```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```




```
## Warning in Sys.setlocale("LC_ALL", "English_United Kingdom.1252"): OS
## reports request to set locale to "English_United Kingdom.1252" cannot be
## honored

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

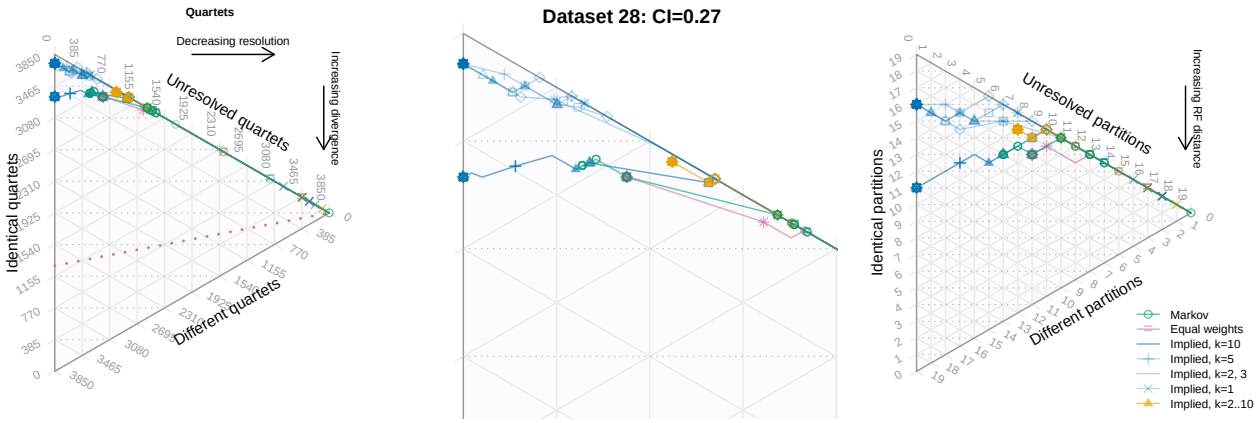
```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```




```
## Warning in Sys.setlocale("LC_ALL", "English_United Kingdom.1252"): OS
## reports request to set locale to "English_United Kingdom.1252" cannot be
## honored

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

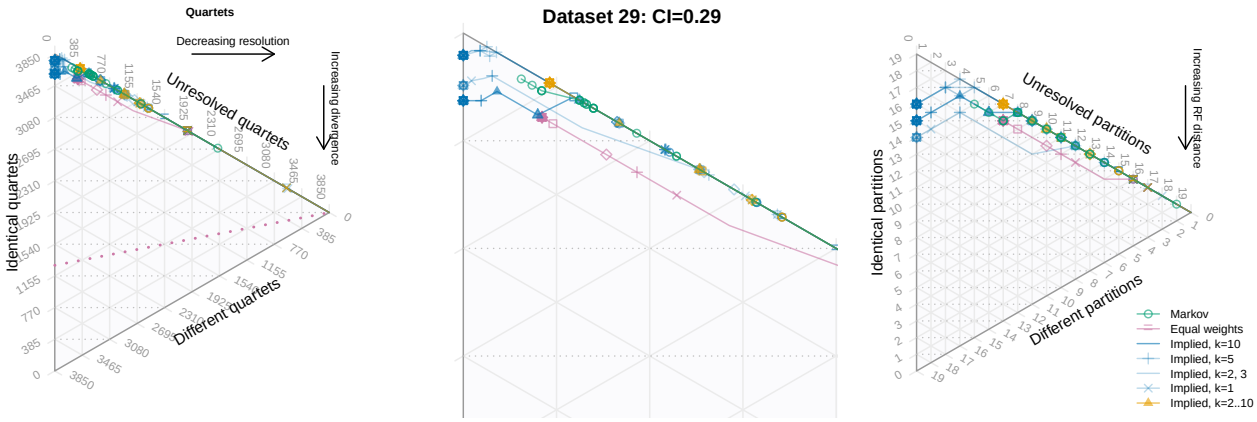
```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```




```
## Warning in Sys.setlocale("LC_ALL", "English_United Kingdom.1252"): OS
## reports request to set locale to "English_United Kingdom.1252" cannot be
## honored

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

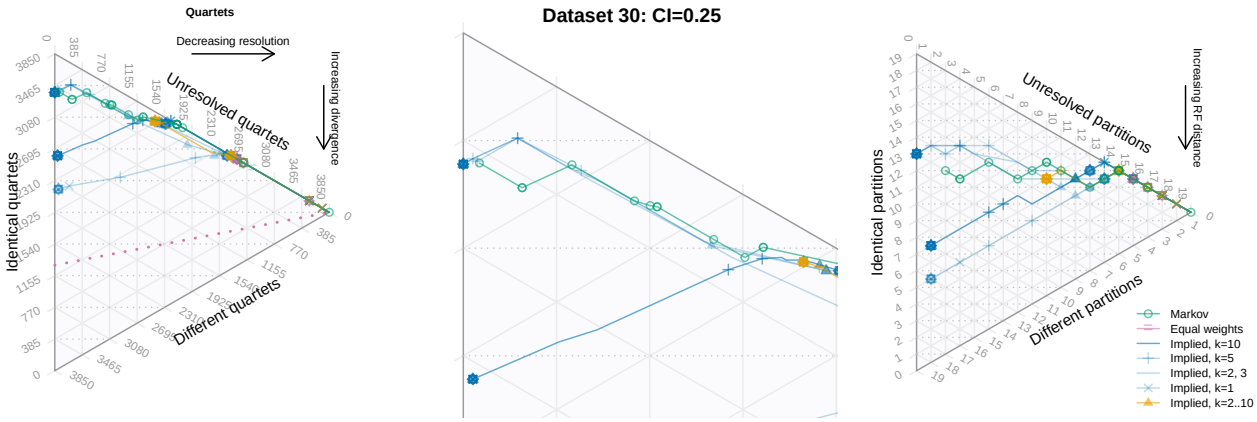
```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```



0.5 Trees 31–40

```
## Warning in Sys.setlocale("LC_ALL", "English_United Kingdom.1252"): OS
## reports request to set locale to "English_United Kingdom.1252" cannot be
## honored
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

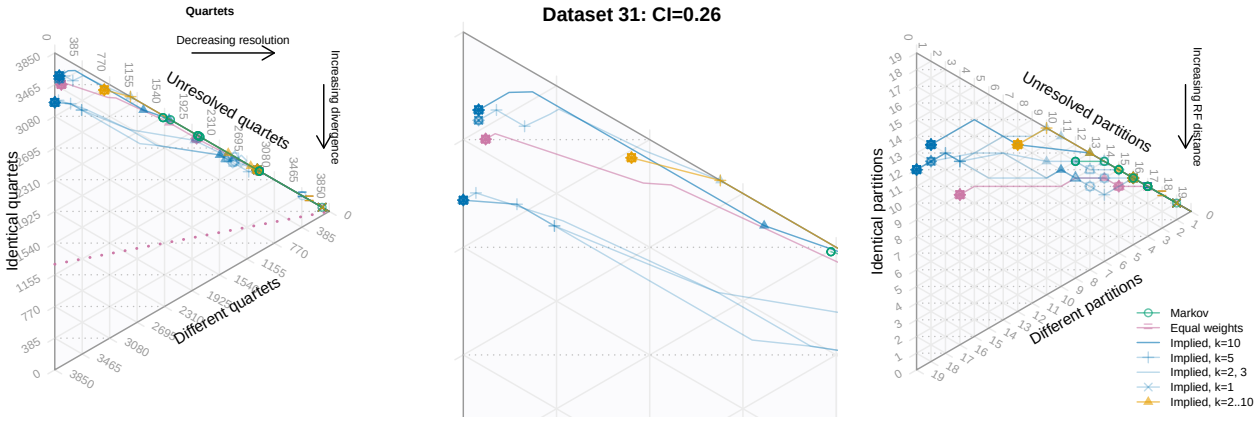
```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```




```
## Warning in Sys.setlocale("LC_ALL", "English_United Kingdom.1252"): OS
## reports request to set locale to "English_United Kingdom.1252" cannot be
## honored

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

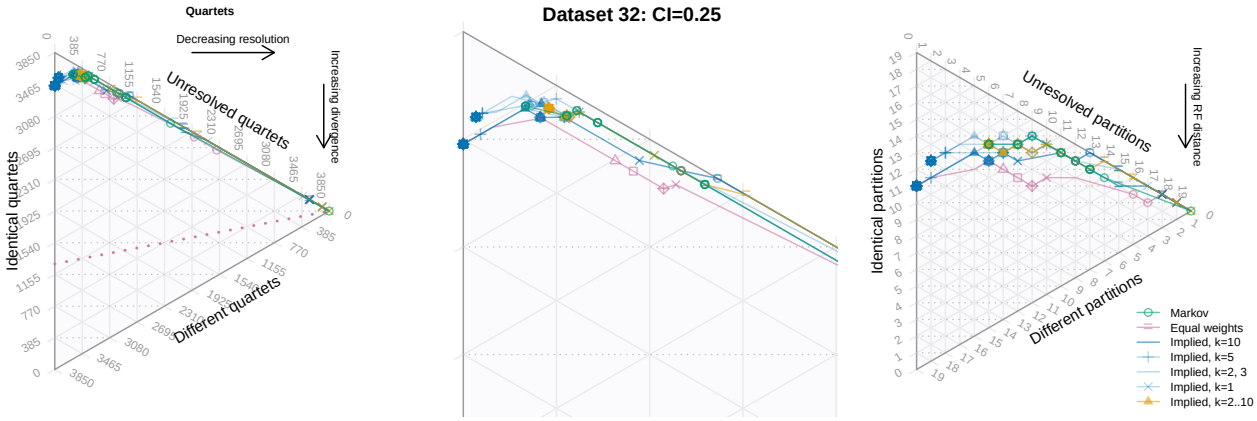
```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```




```
## Warning in Sys.setlocale("LC_ALL", "English_United Kingdom.1252"): OS
## reports request to set locale to "English_United Kingdom.1252" cannot be
## honored

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

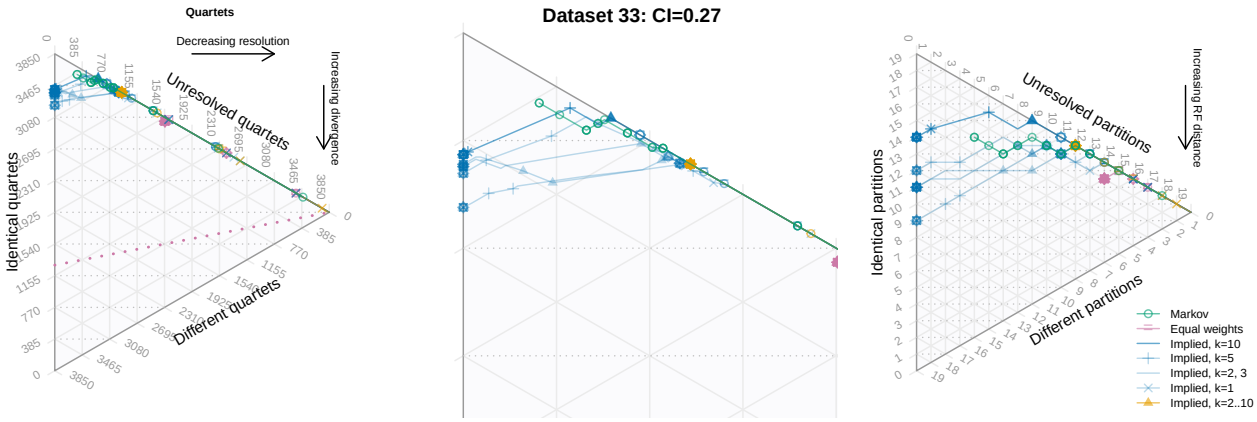
```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```




```
## Warning in Sys.setlocale("LC_ALL", "English_United Kingdom.1252"): OS
## reports request to set locale to "English_United Kingdom.1252" cannot be
## honored
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

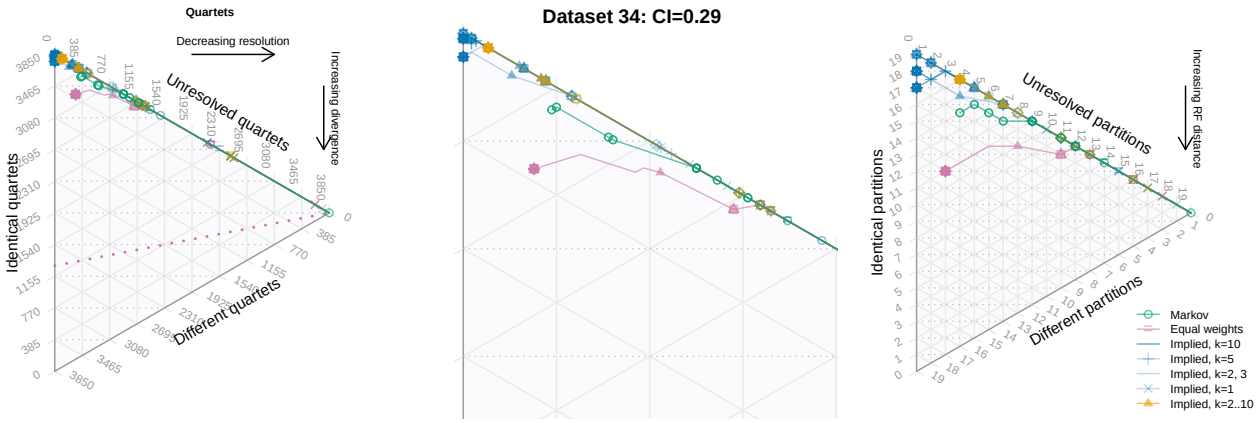
```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```




```
## Warning in Sys.setlocale("LC_ALL", "English_United Kingdom.1252"): OS
## reports request to set locale to "English_United Kingdom.1252" cannot be
## honored

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

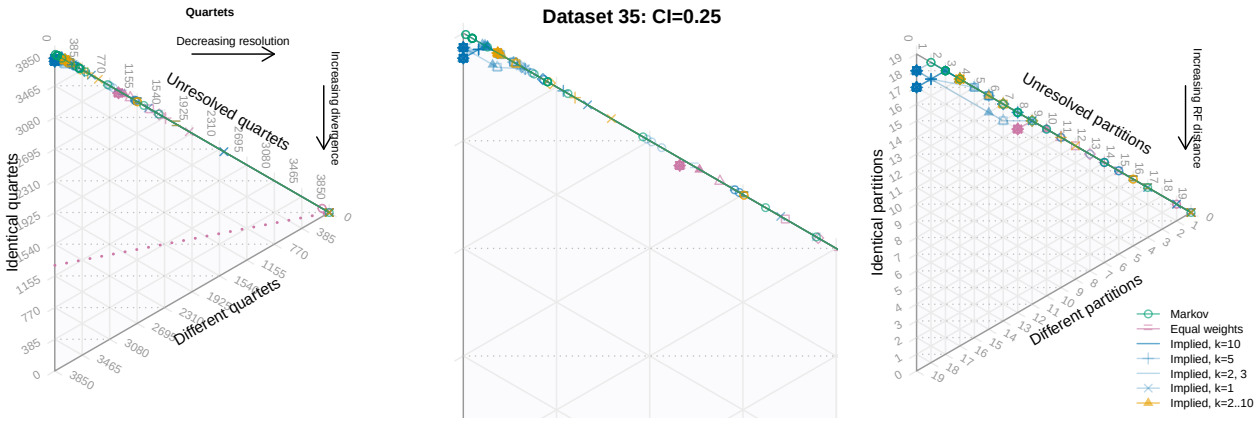
```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```




```
## Warning in Sys.setlocale("LC_ALL", "English_United Kingdom.1252"): OS
## reports request to set locale to "English_United Kingdom.1252" cannot be
## honored

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

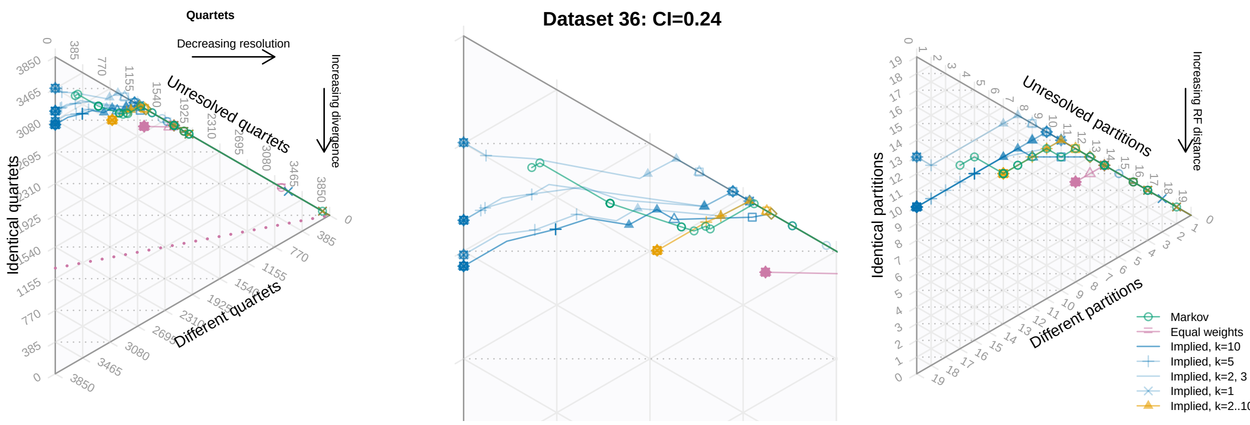
```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```




```
## Warning in Sys.setlocale("LC_ALL", "English_United Kingdom.1252"): OS
## reports request to set locale to "English_United Kingdom.1252" cannot be
## honored

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

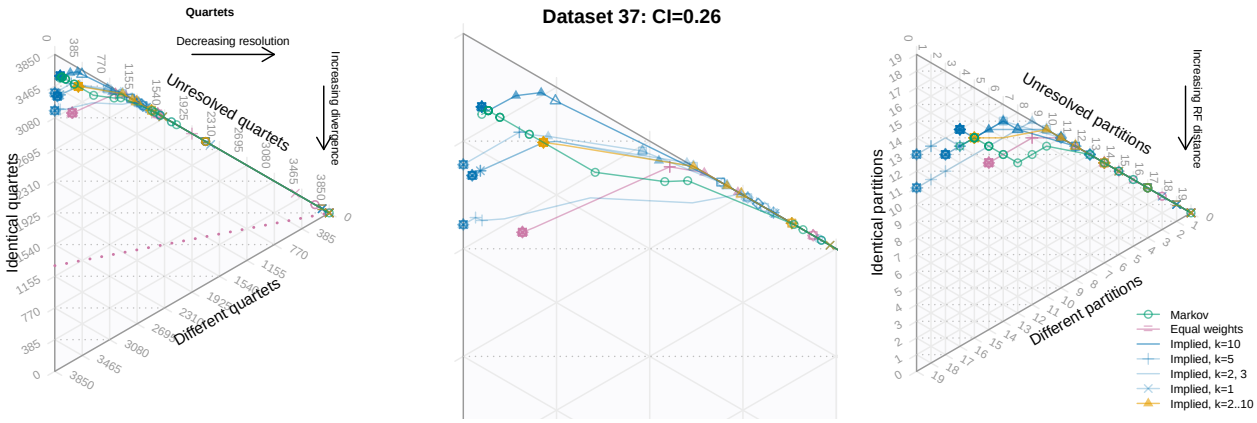
```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```




```
## Warning in Sys.setlocale("LC_ALL", "English_United Kingdom.1252"): OS
## reports request to set locale to "English_United Kingdom.1252" cannot be
## honored

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

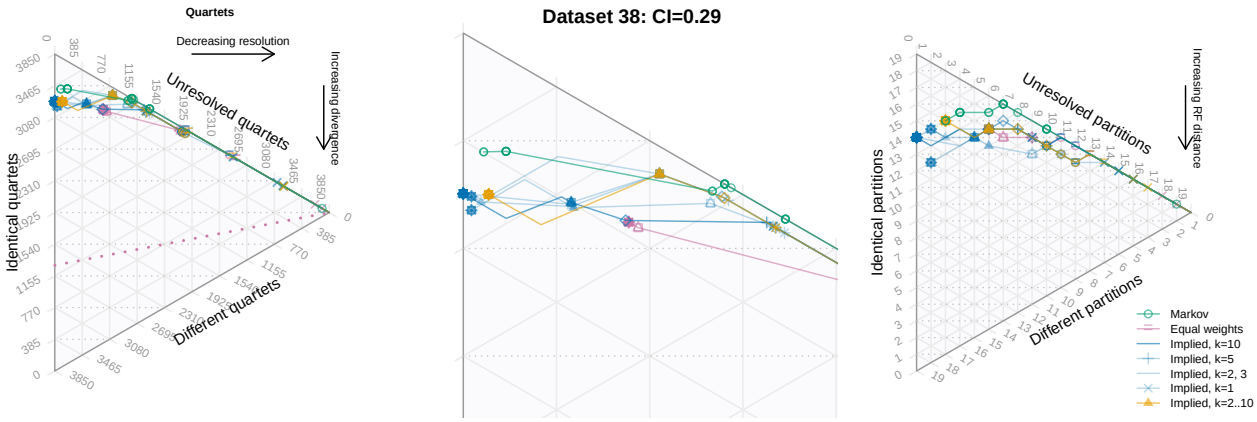
```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```




```
## Warning in Sys.setlocale("LC_ALL", "English_United Kingdom.1252"): OS
## reports request to set locale to "English_United Kingdom.1252" cannot be
## honored

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

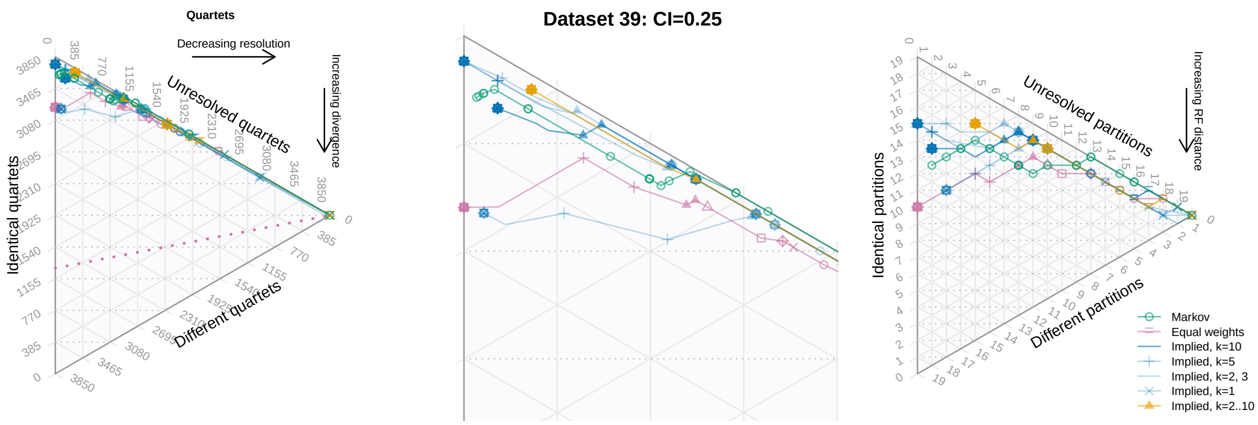
```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```




```
## Warning in Sys.setlocale("LC_ALL", "English_United Kingdom.1252"): OS
## reports request to set locale to "English_United Kingdom.1252" cannot be
## honored

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

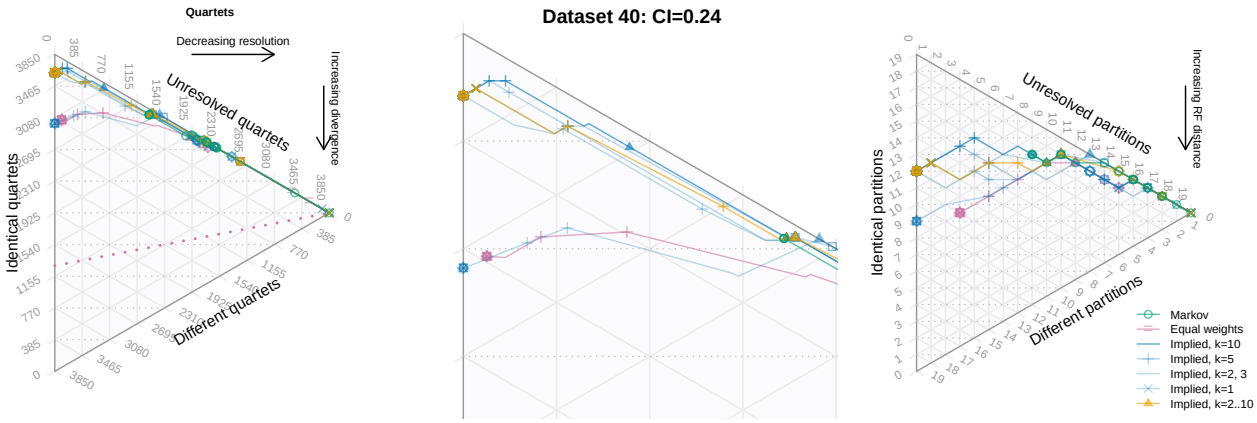
```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```



0.6 Trees 41–50

```
## Warning in Sys.setlocale("LC_ALL", "English_United Kingdom.1252"): OS
## reports request to set locale to "English_United Kingdom.1252" cannot be
## honored

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

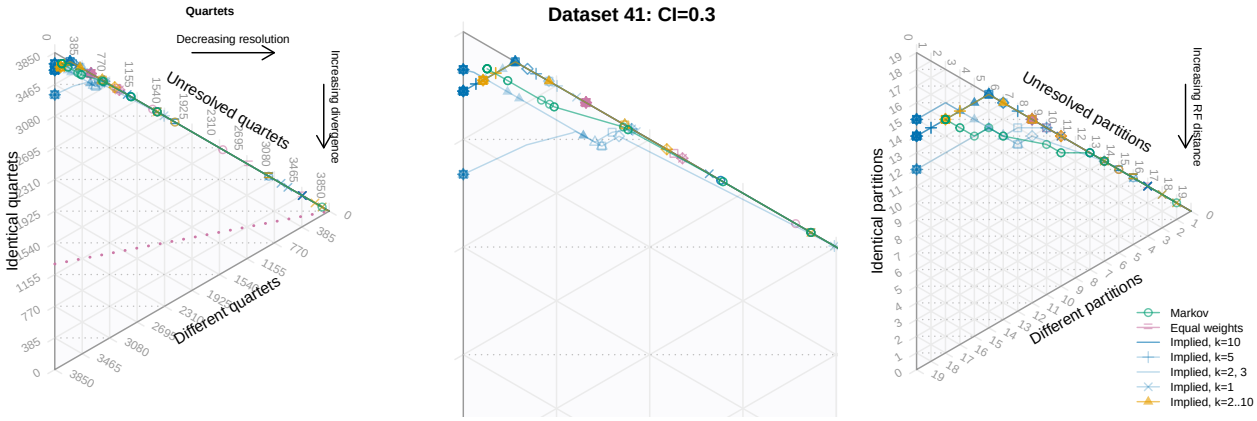
```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```




```
## Warning in Sys.setlocale("LC_ALL", "English_United Kingdom.1252"): OS
## reports request to set locale to "English_United Kingdom.1252" cannot be
## honored

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

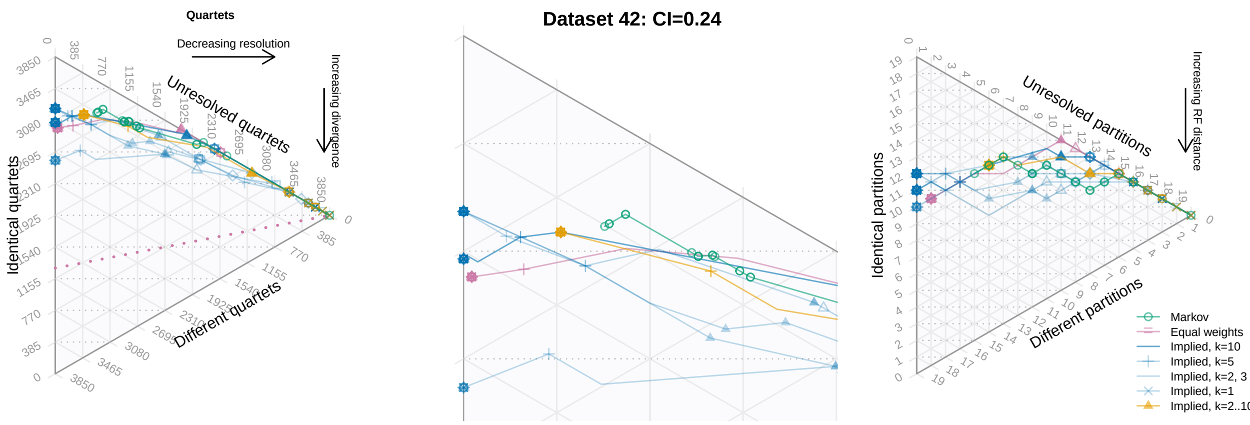
```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```




```
## Warning in Sys.setlocale("LC_ALL", "English_United Kingdom.1252"): OS
## reports request to set locale to "English_United Kingdom.1252" cannot be
## honored

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

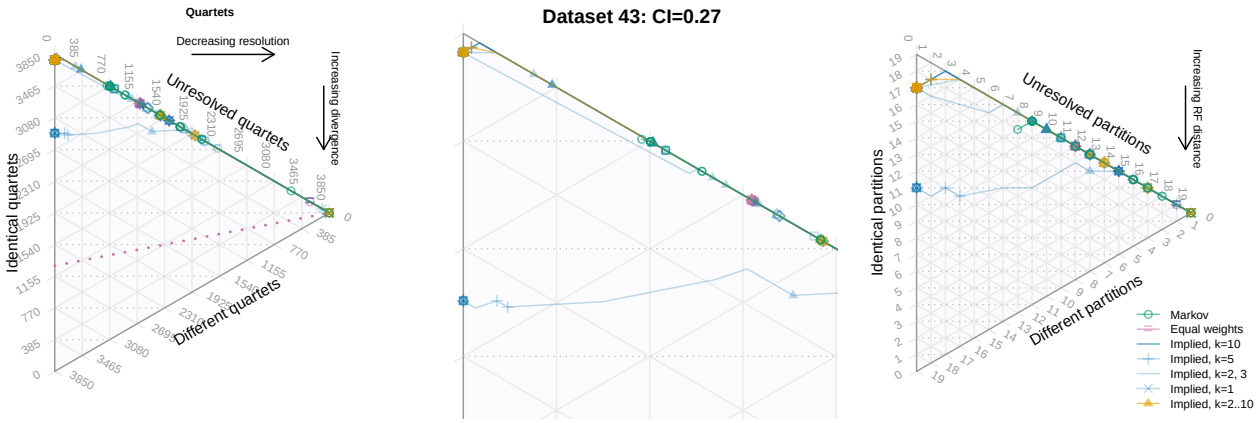
```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```




```
## Warning in Sys.setlocale("LC_ALL", "English_United Kingdom.1252"): OS
## reports request to set locale to "English_United Kingdom.1252" cannot be
## honored

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

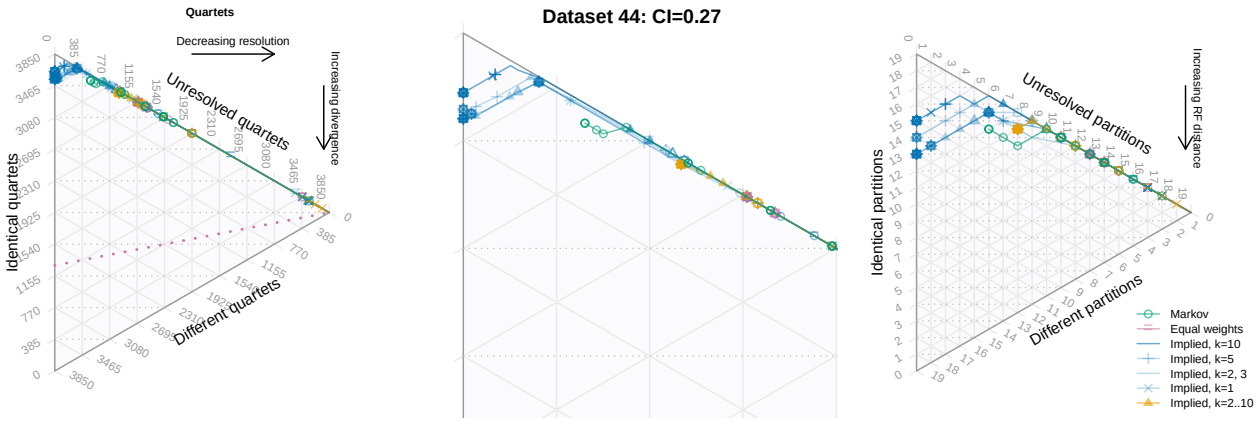
```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```




```
## Warning in Sys.setlocale("LC_ALL", "English_United Kingdom.1252"): OS
## reports request to set locale to "English_United Kingdom.1252" cannot be
## honored

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

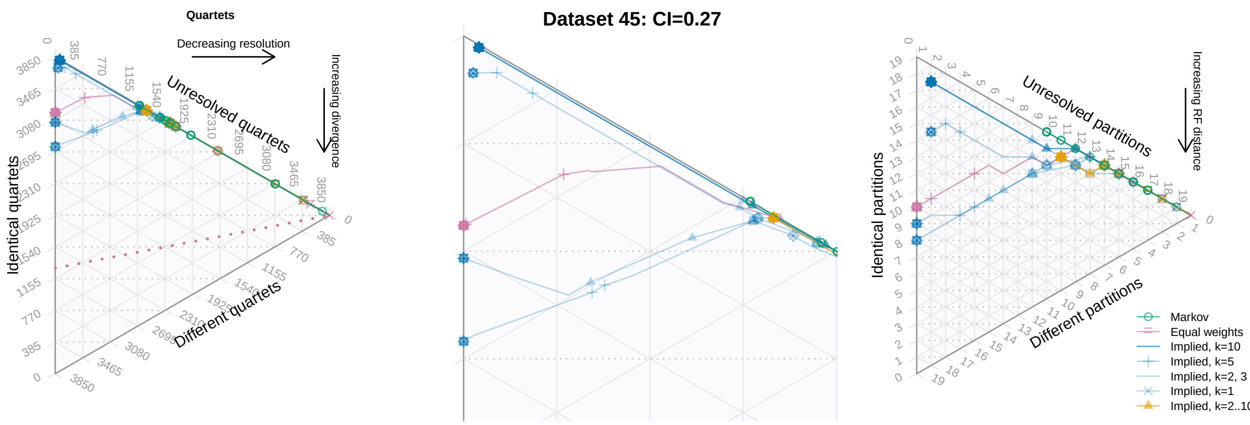
```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```




```
## Warning in Sys.setlocale("LC_ALL", "English_United Kingdom.1252"): OS
## reports request to set locale to "English_United Kingdom.1252" cannot be
## honored

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

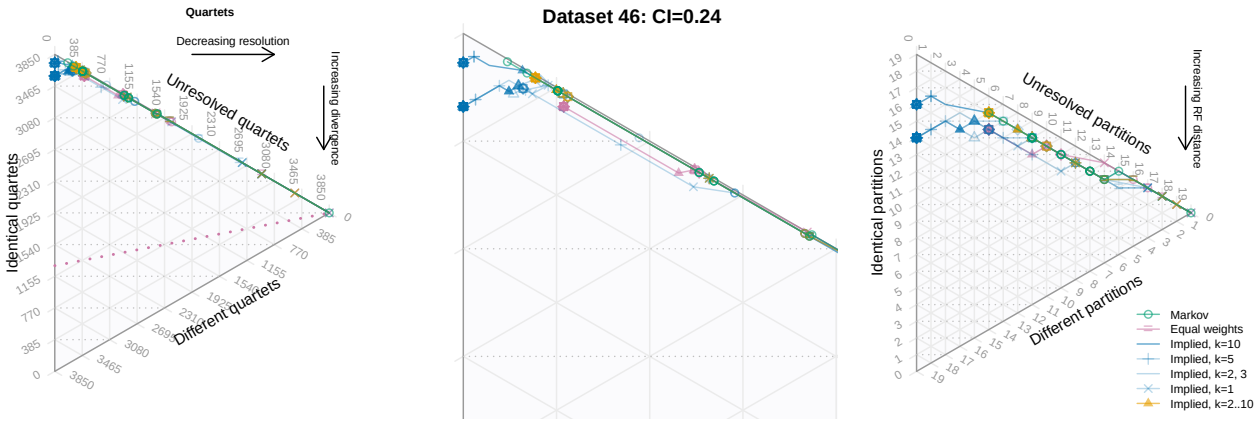
```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```




```
## Warning in Sys.setlocale("LC_ALL", "English_United Kingdom.1252"): OS
## reports request to set locale to "English_United Kingdom.1252" cannot be
## honored

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

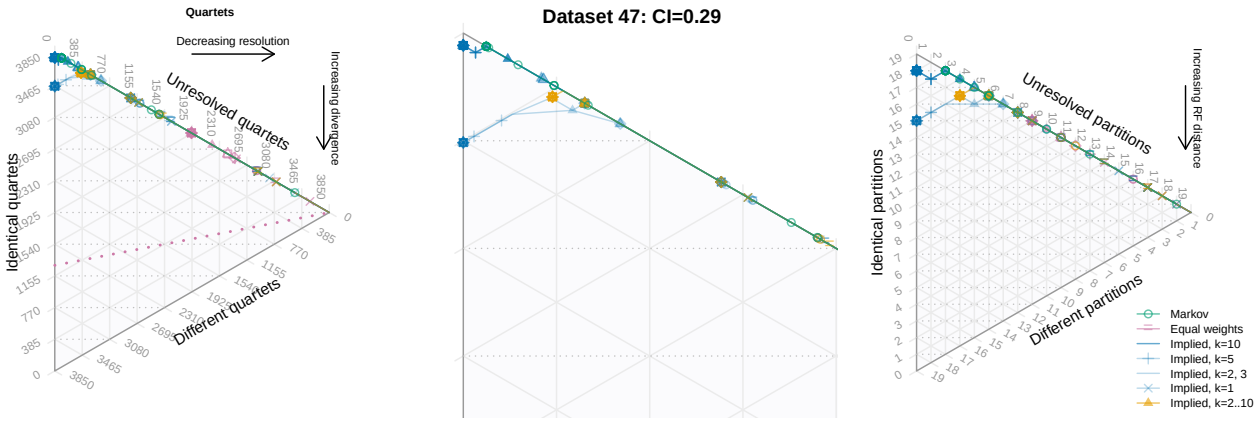
```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```




```
## Warning in Sys.setlocale("LC_ALL", "English_United Kingdom.1252"): OS
## reports request to set locale to "English_United Kingdom.1252" cannot be
## honored

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

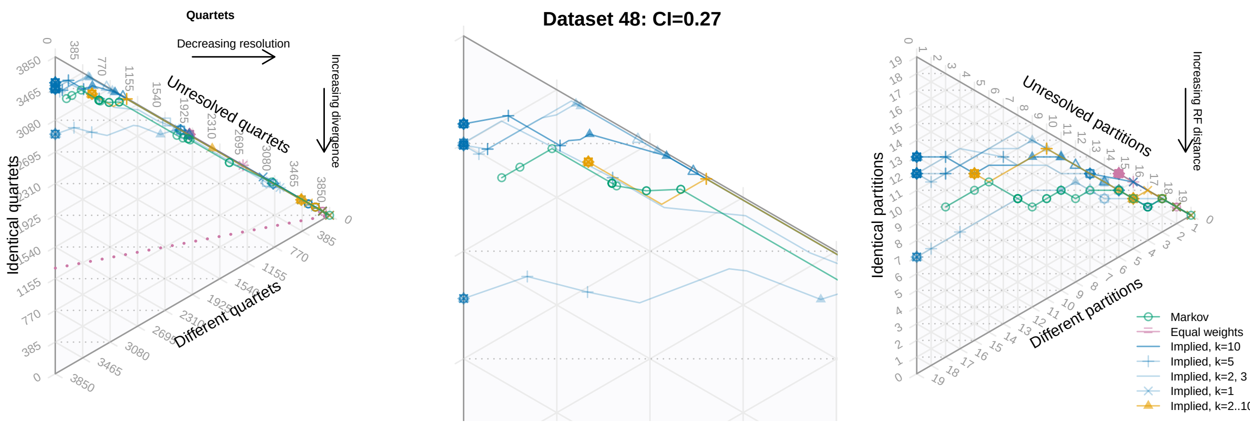
```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```




```
## Warning in Sys.setlocale("LC_ALL", "English_United Kingdom.1252"): OS
## reports request to set locale to "English_United Kingdom.1252" cannot be
## honored

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

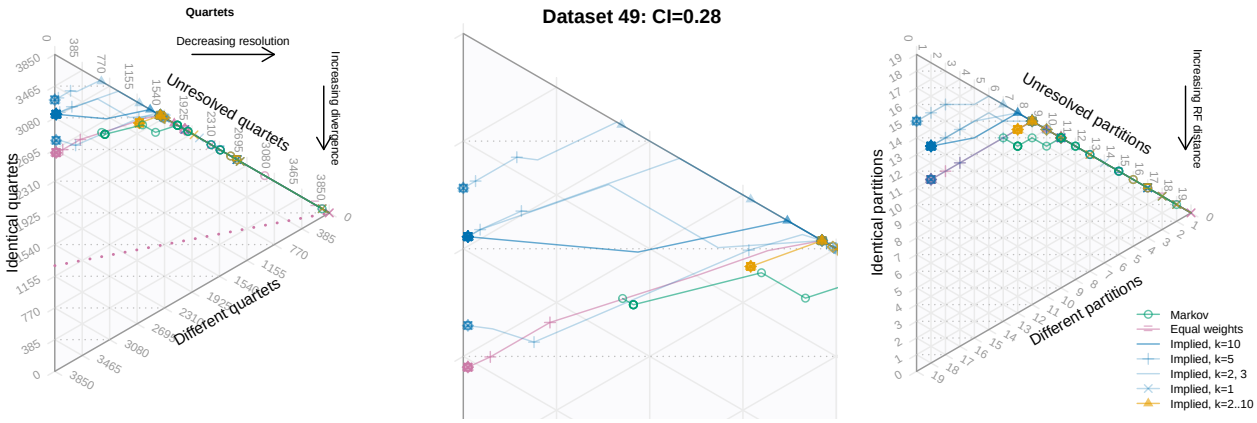
```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```




```
## Warning in Sys.setlocale("LC_ALL", "English_United Kingdom.1252"): OS
## reports request to set locale to "English_United Kingdom.1252" cannot be
## honored

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

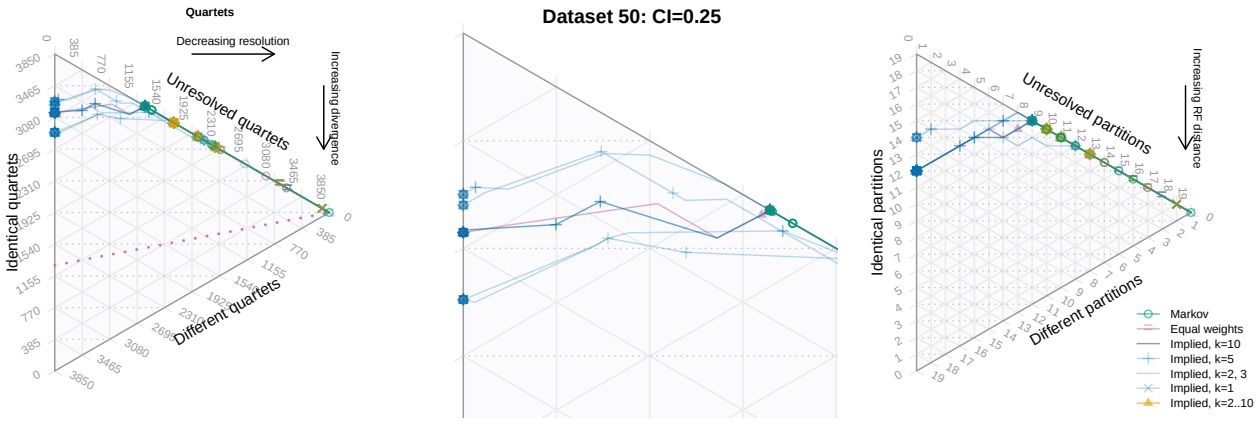
```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```



0.7 Trees 51–60

```
## Warning in Sys.setlocale("LC_ALL", "English_United Kingdom.1252"): OS
## reports request to set locale to "English_United Kingdom.1252" cannot be
## honored

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

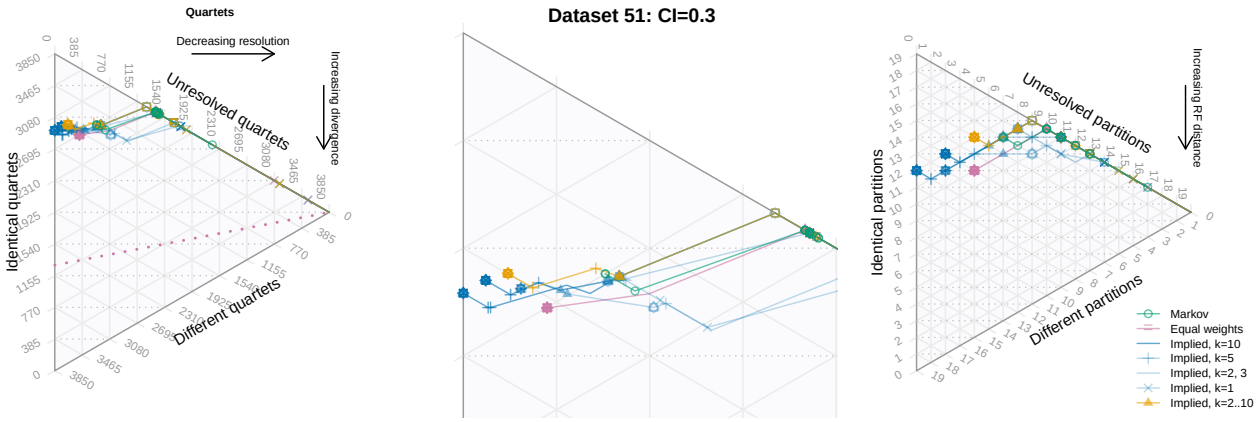
```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```




```
## Warning in Sys.setlocale("LC_ALL", "English_United Kingdom.1252"): OS
## reports request to set locale to "English_United Kingdom.1252" cannot be
## honored
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

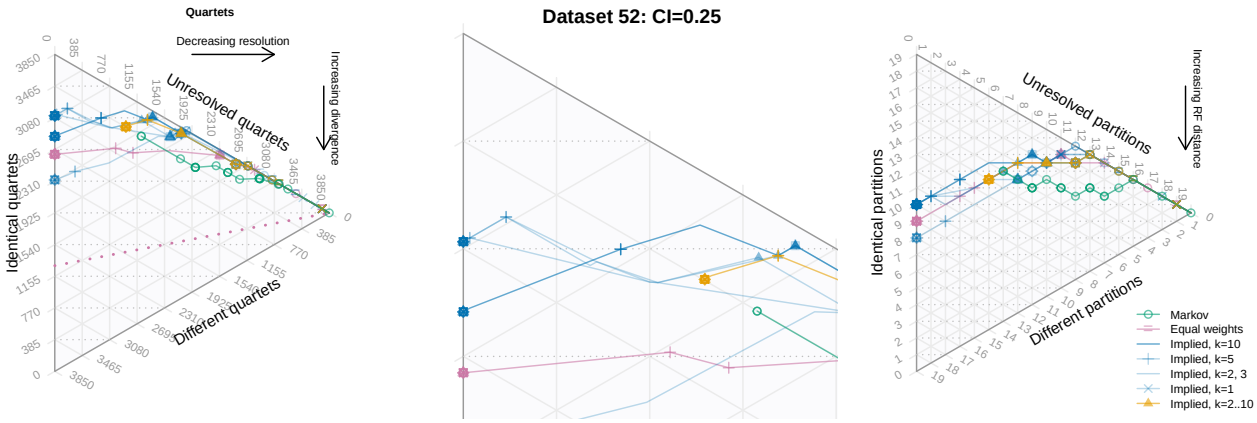
```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```




```
## Warning in Sys.setlocale("LC_ALL", "English_United Kingdom.1252"): OS
## reports request to set locale to "English_United Kingdom.1252" cannot be
## honored

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

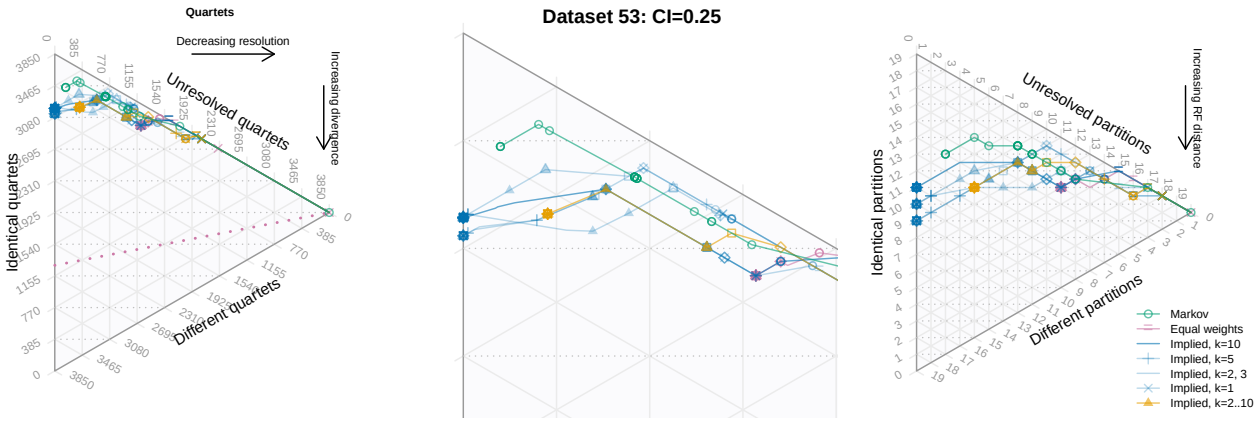
```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```




```
## Warning in Sys.setlocale("LC_ALL", "English_United Kingdom.1252"): OS
## reports request to set locale to "English_United Kingdom.1252" cannot be
## honored

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

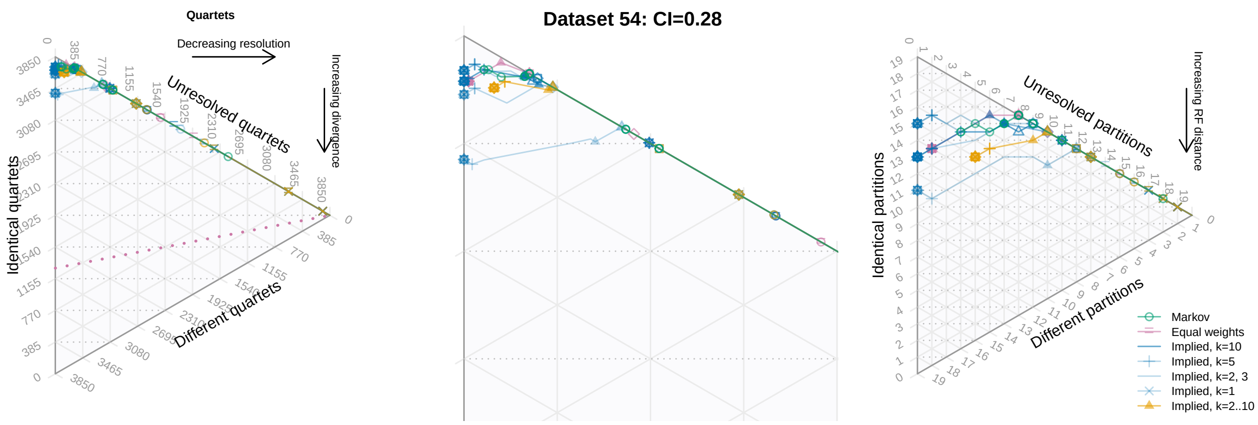
```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```




```
## Warning in Sys.setlocale("LC_ALL", "English_United Kingdom.1252"): OS
## reports request to set locale to "English_United Kingdom.1252" cannot be
## honored

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

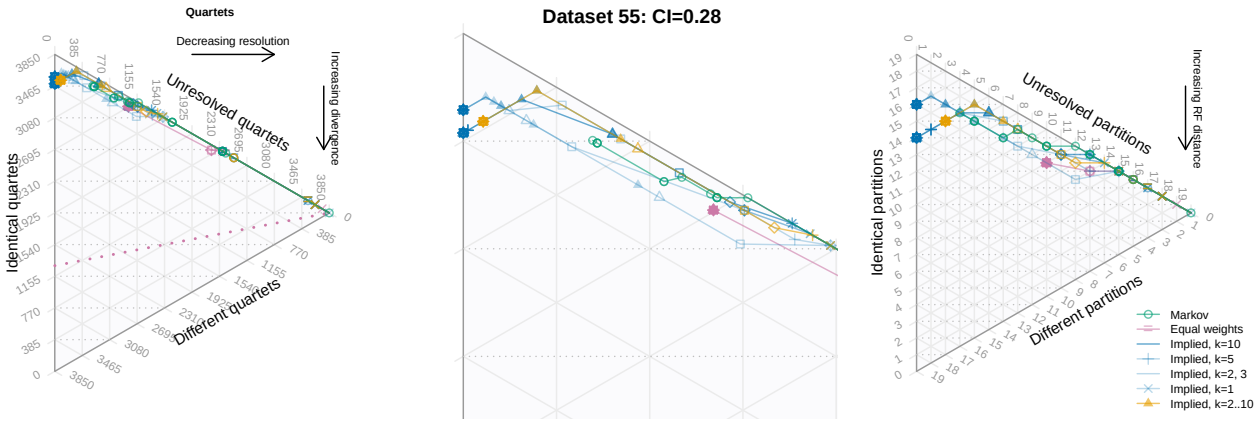
```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```




```
## Warning in Sys.setlocale("LC_ALL", "English_United Kingdom.1252"): OS
## reports request to set locale to "English_United Kingdom.1252" cannot be
## honored

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

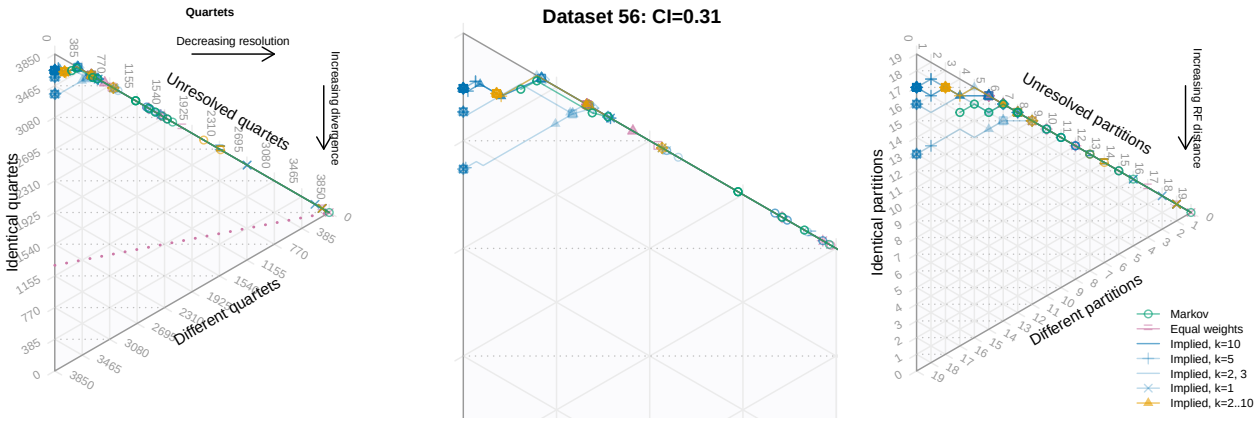
```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```




```
## Warning in Sys.setlocale("LC_ALL", "English_United Kingdom.1252"): OS
## reports request to set locale to "English_United Kingdom.1252" cannot be
## honored

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

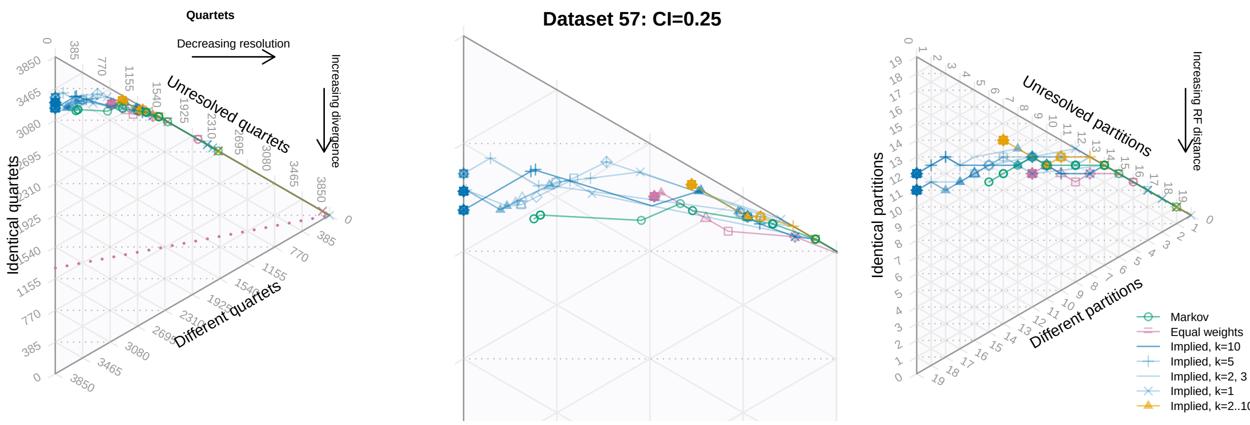
```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```




```
## Warning in Sys.setlocale("LC_ALL", "English_United Kingdom.1252"): OS
## reports request to set locale to "English_United Kingdom.1252" cannot be
## honored

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

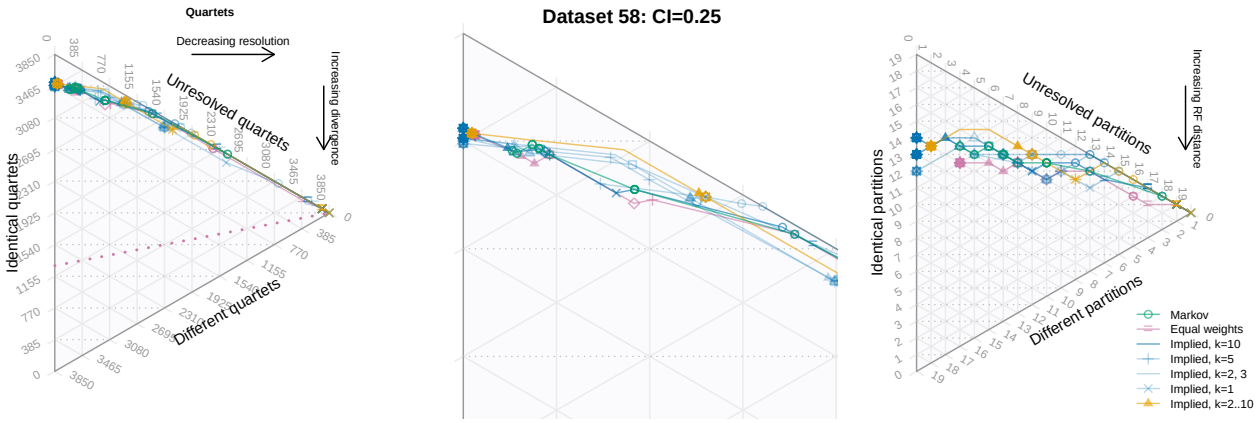
```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```




```
## Warning in Sys.setlocale("LC_ALL", "English_United Kingdom.1252"): OS
## reports request to set locale to "English_United Kingdom.1252" cannot be
## honored

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

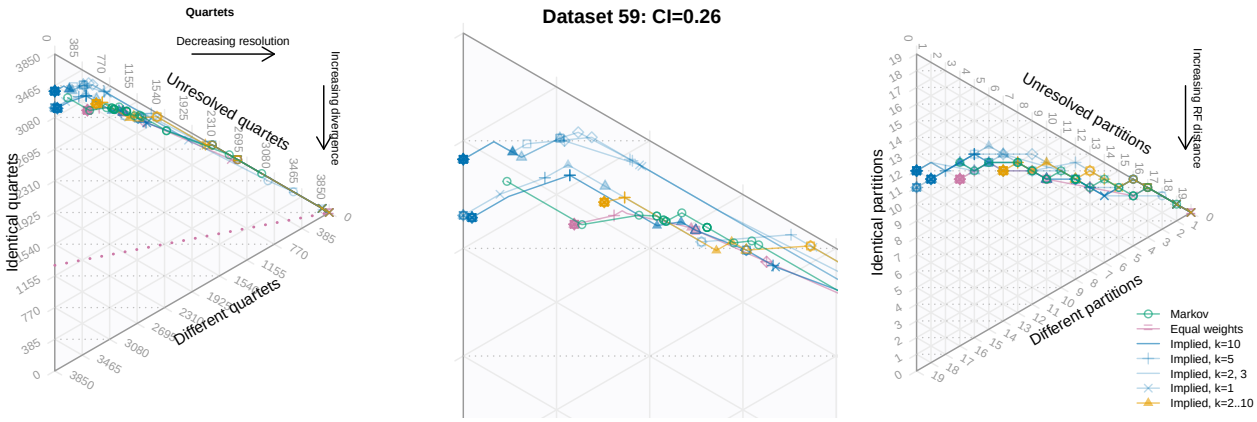
```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```




```
## Warning in Sys.setlocale("LC_ALL", "English_United Kingdom.1252"): OS
## reports request to set locale to "English_United Kingdom.1252" cannot be
## honored

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

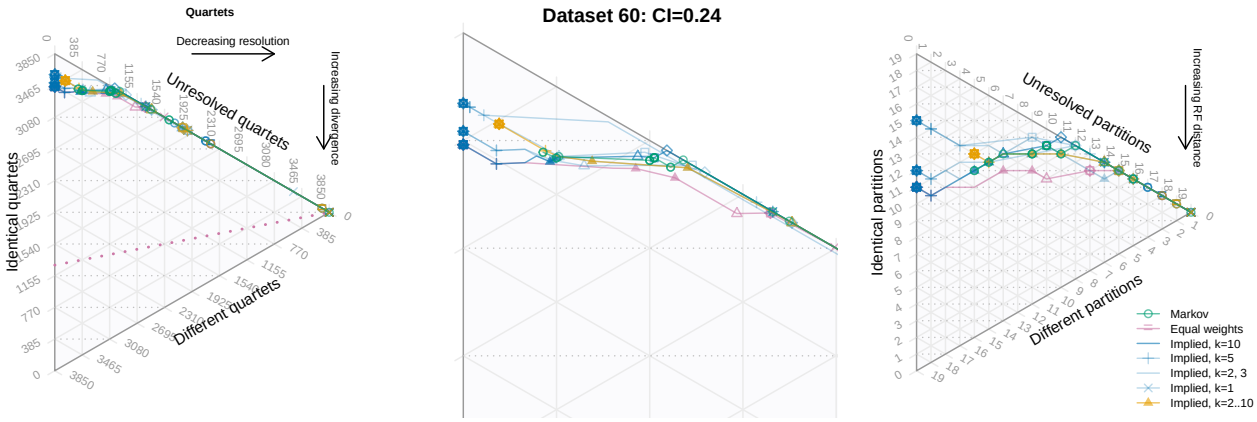
```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```



0.8 Trees 61–70

```
## Warning in Sys.setlocale("LC_ALL", "English_United Kingdom.1252"): OS
## reports request to set locale to "English_United Kingdom.1252" cannot be
## honored
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

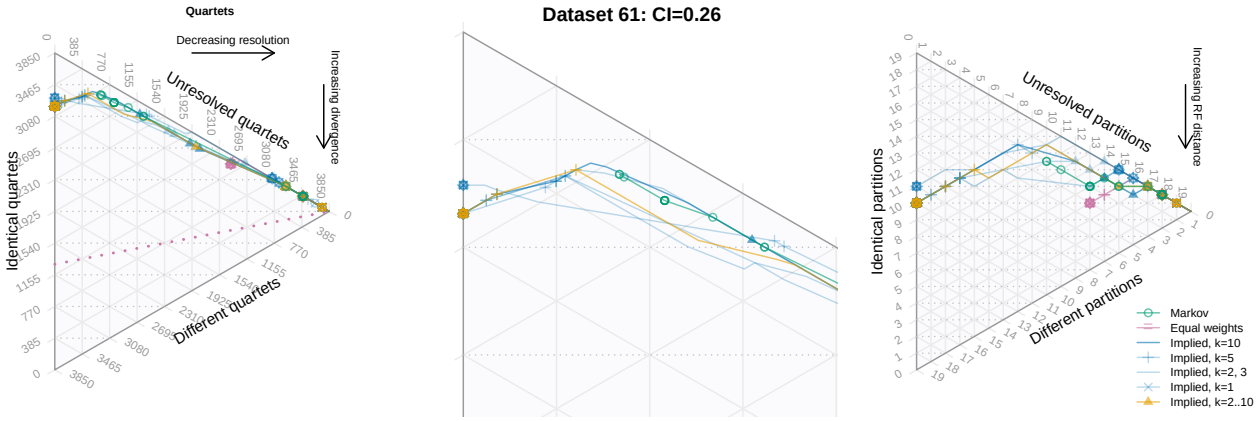
```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```




```
## Warning in Sys.setlocale("LC_ALL", "English_United Kingdom.1252"): OS
## reports request to set locale to "English_United Kingdom.1252" cannot be
## honored

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

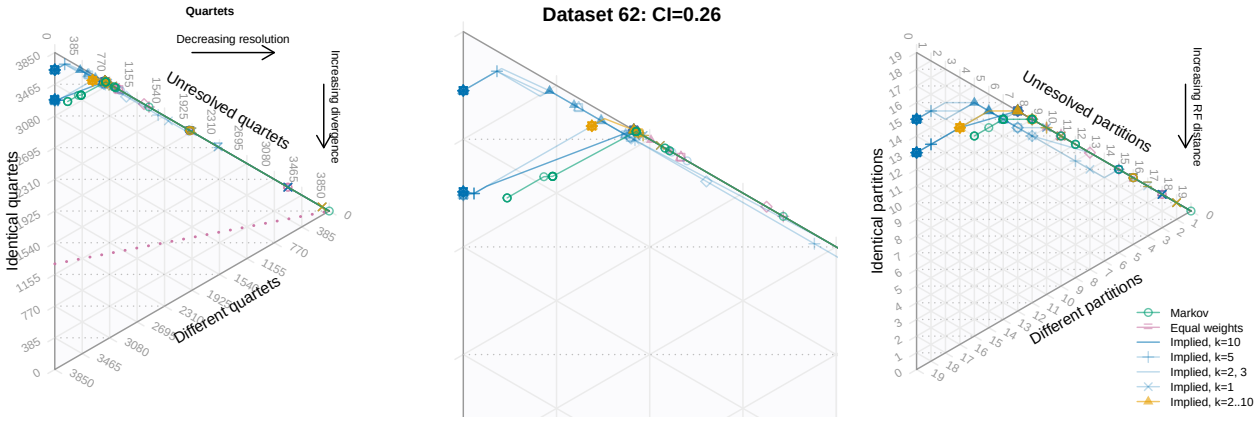
```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```




```
## Warning in Sys.setlocale("LC_ALL", "English_United Kingdom.1252"): OS
## reports request to set locale to "English_United Kingdom.1252" cannot be
## honored

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

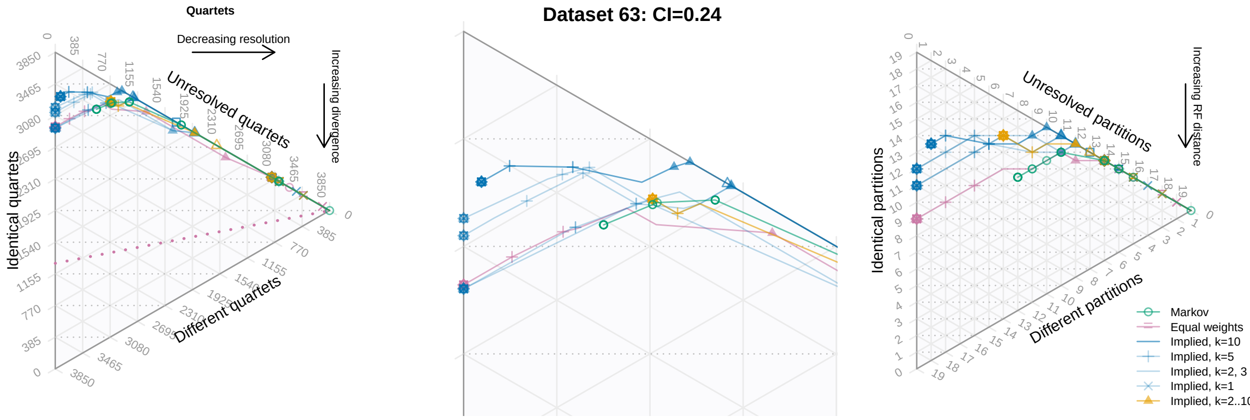
```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```




```
## Warning in Sys.setlocale("LC_ALL", "English_United Kingdom.1252"): OS
## reports request to set locale to "English_United Kingdom.1252" cannot be
## honored

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

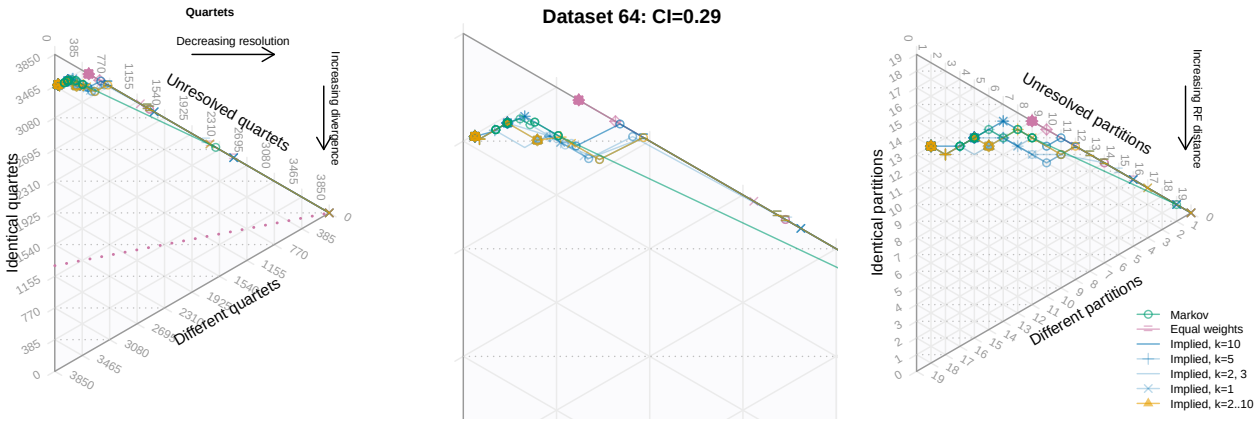
```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```




```
## Warning in Sys.setlocale("LC_ALL", "English_United Kingdom.1252"): OS
## reports request to set locale to "English_United Kingdom.1252" cannot be
## honored

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

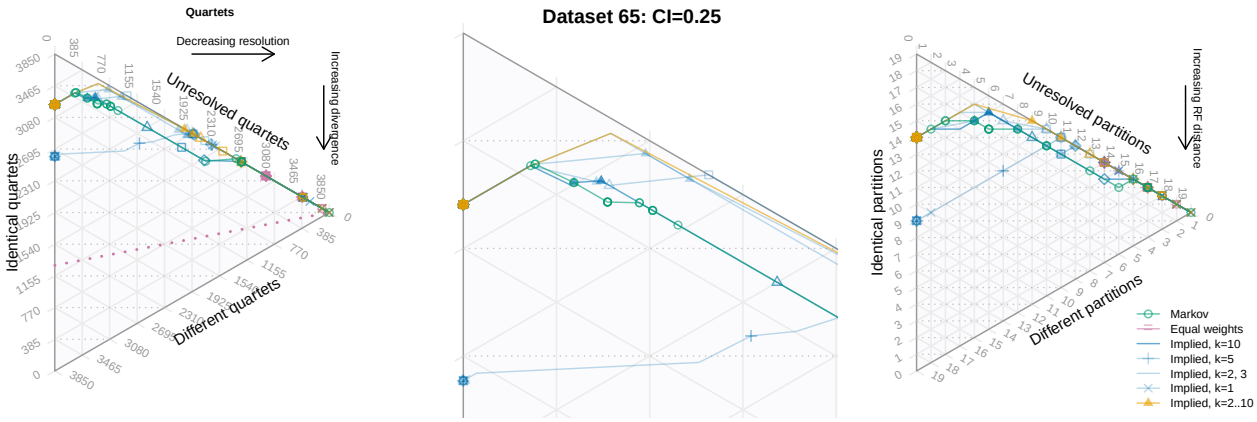
```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```




```
## Warning in Sys.setlocale("LC_ALL", "English_United Kingdom.1252"): OS
## reports request to set locale to "English_United Kingdom.1252" cannot be
## honored

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

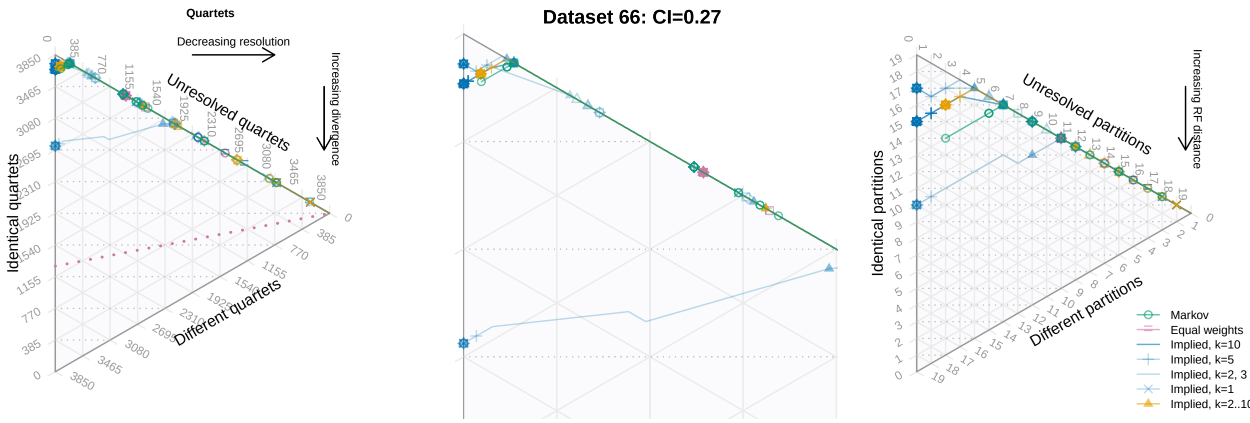
```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```




```
## Warning in Sys.setlocale("LC_ALL", "English_United Kingdom.1252"): OS
## reports request to set locale to "English_United Kingdom.1252" cannot be
## honored

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

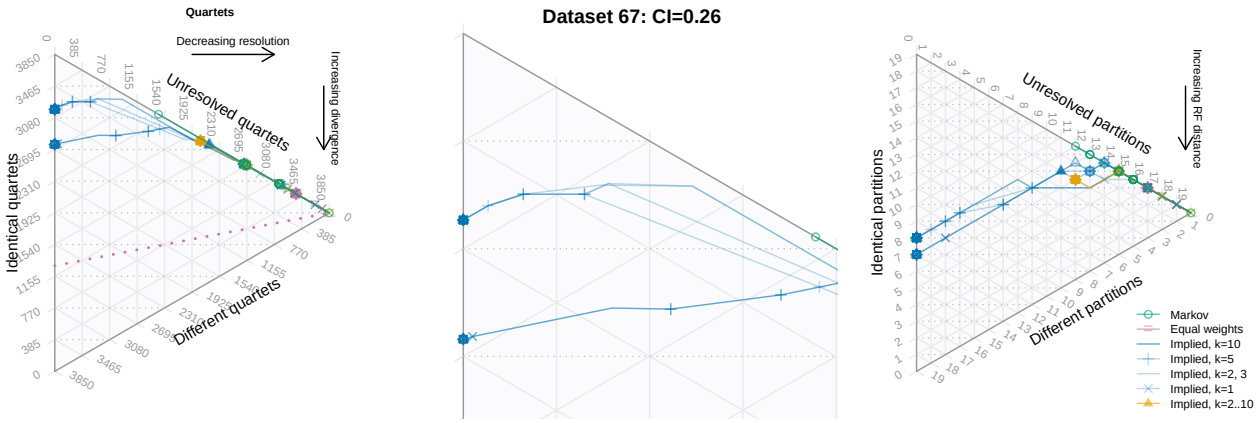
```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```




```
## Warning in Sys.setlocale("LC_ALL", "English_United Kingdom.1252"): OS
## reports request to set locale to "English_United Kingdom.1252" cannot be
## honored

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

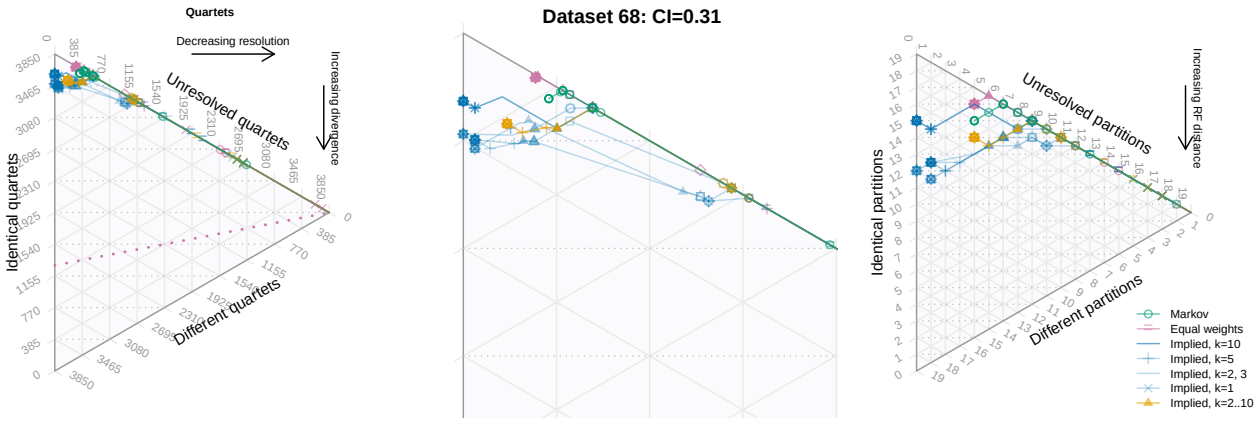
```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```




```
## Warning in Sys.setlocale("LC_ALL", "English_United Kingdom.1252"): OS
## reports request to set locale to "English_United Kingdom.1252" cannot be
## honored

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

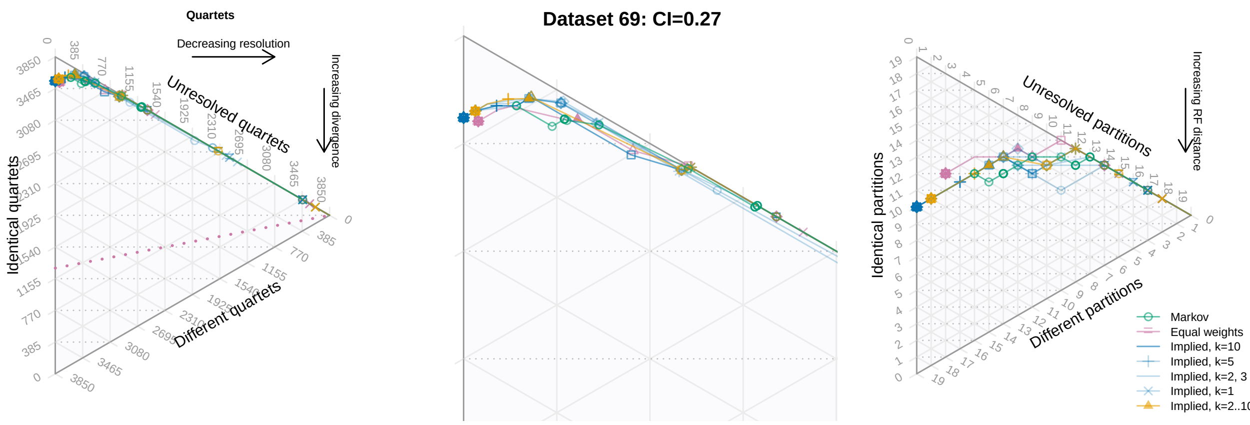
```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```




```
## Warning in Sys.setlocale("LC_ALL", "English_United Kingdom.1252"): OS
## reports request to set locale to "English_United Kingdom.1252" cannot be
## honored

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

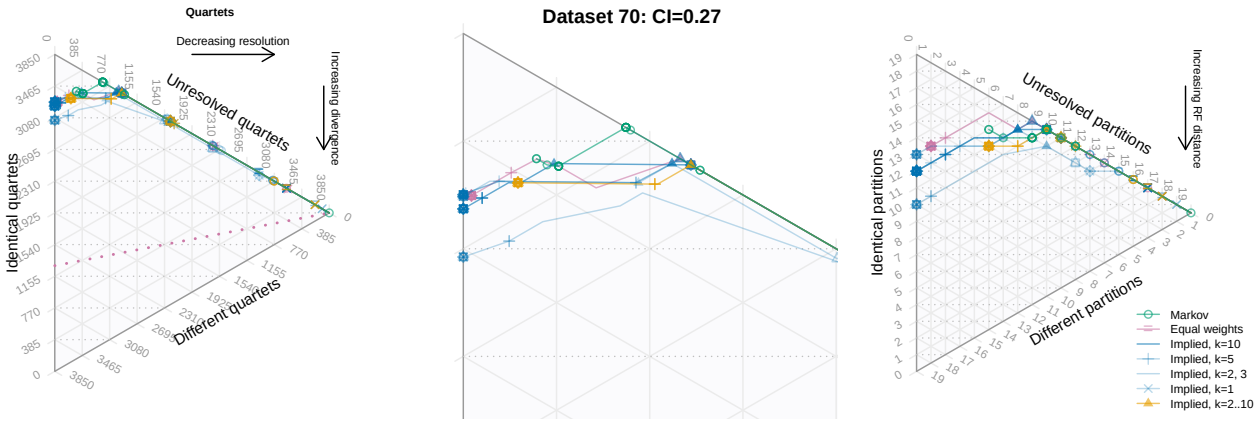
```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```



0.9 Trees 71–80

```
## Warning in Sys.setlocale("LC_ALL", "English_United Kingdom.1252"): OS
## reports request to set locale to "English_United Kingdom.1252" cannot be
## honored

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

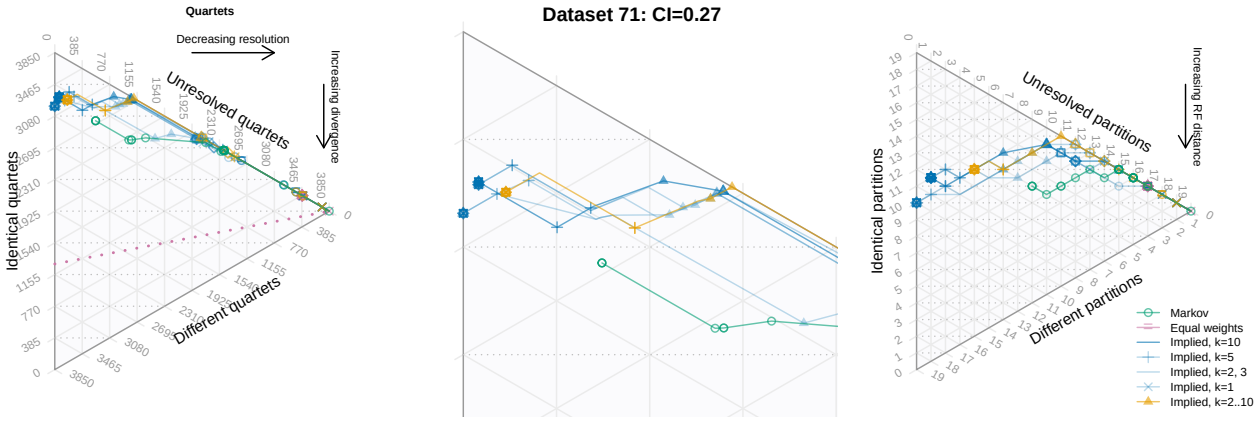
```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```




```
## Warning in Sys.setlocale("LC_ALL", "English_United Kingdom.1252"): OS
## reports request to set locale to "English_United Kingdom.1252" cannot be
## honored

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

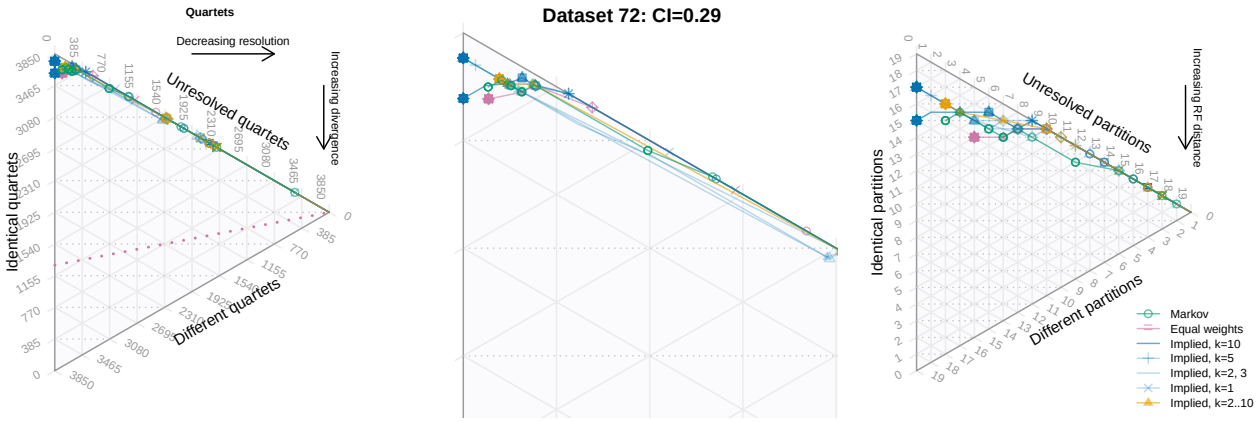
```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```




```
## Warning in Sys.setlocale("LC_ALL", "English_United Kingdom.1252"): OS
## reports request to set locale to "English_United Kingdom.1252" cannot be
## honored
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

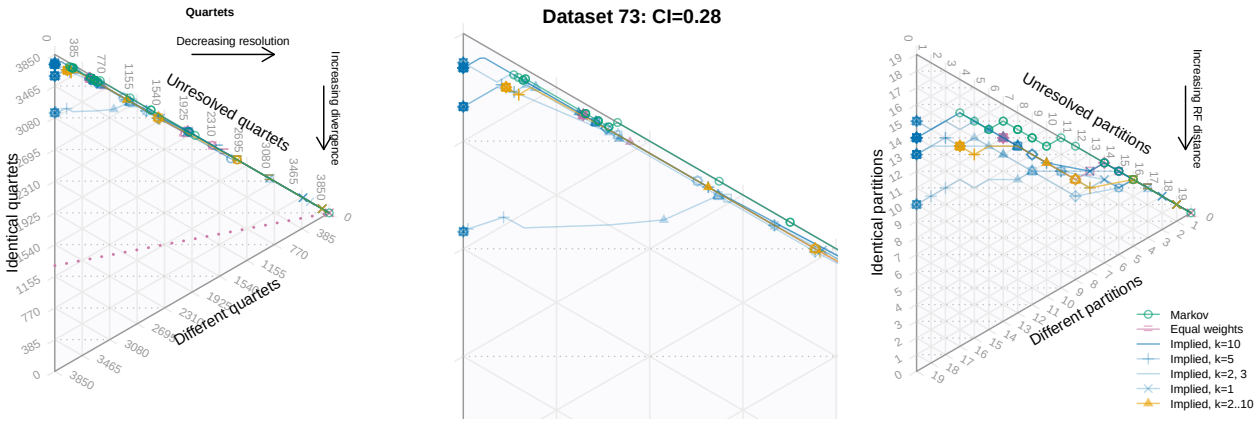
```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```




```
## Warning in Sys.setlocale("LC_ALL", "English_United Kingdom.1252"): OS
## reports request to set locale to "English_United Kingdom.1252" cannot be
## honored

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

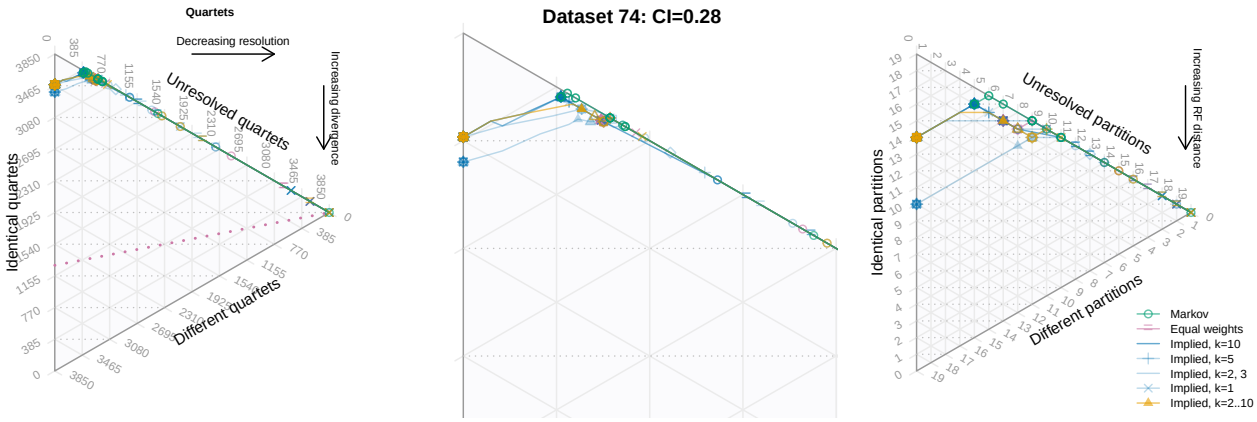
```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```




```
## Warning in Sys.setlocale("LC_ALL", "English_United Kingdom.1252"): OS
## reports request to set locale to "English_United Kingdom.1252" cannot be
## honored

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

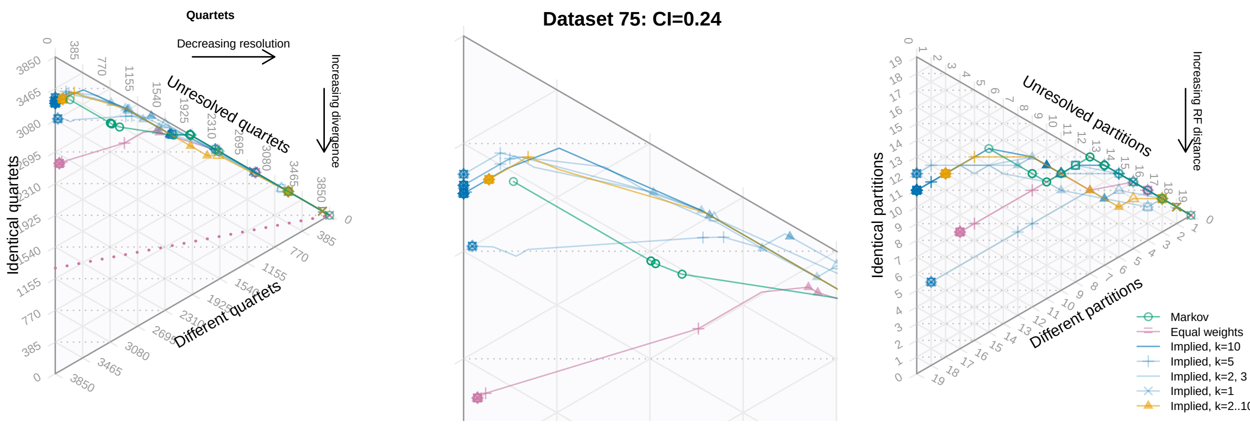
```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```




```
## Warning in Sys.setlocale("LC_ALL", "English_United Kingdom.1252"): OS
## reports request to set locale to "English_United Kingdom.1252" cannot be
## honored

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

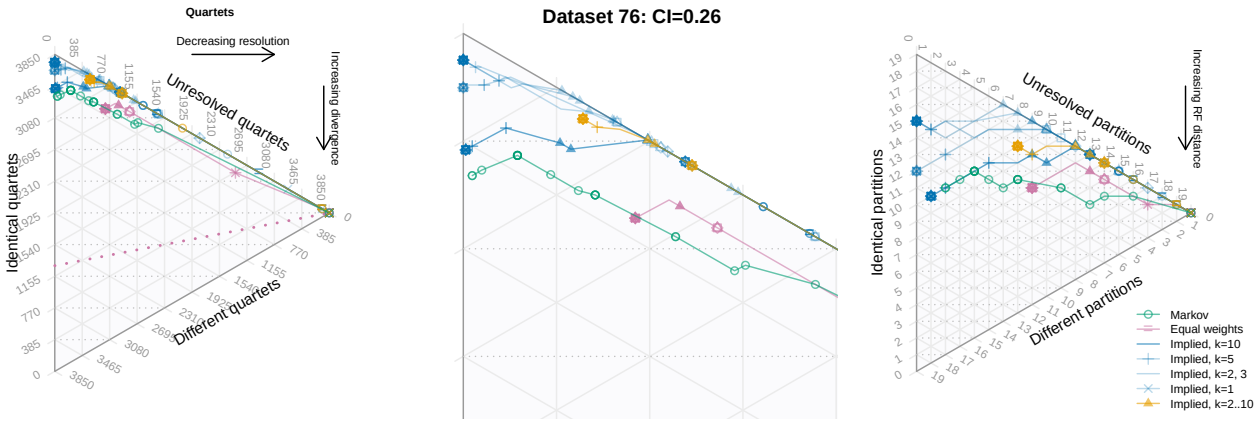
```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```




```
## Warning in Sys.setlocale("LC_ALL", "English_United Kingdom.1252"): OS
## reports request to set locale to "English_United Kingdom.1252" cannot be
## honored

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

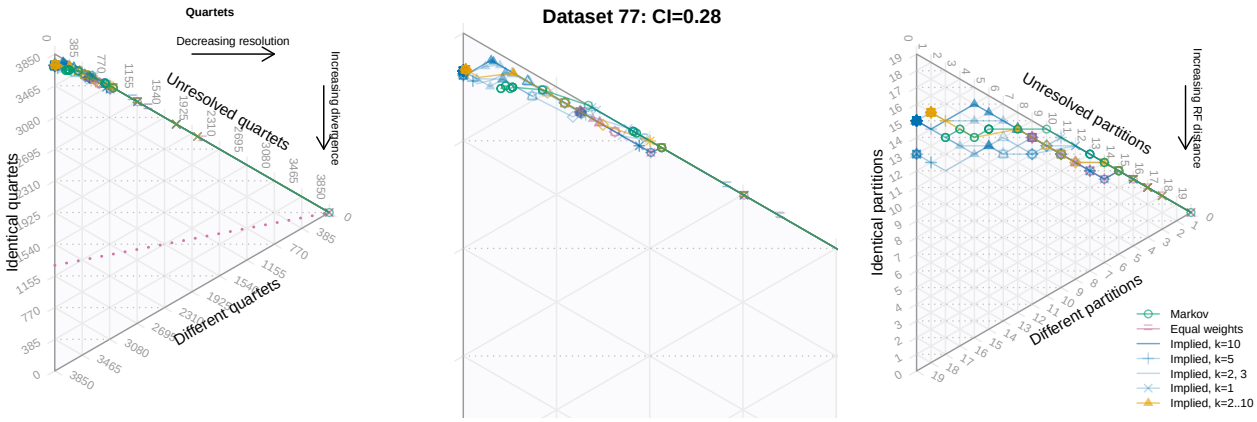
```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```




```
## Warning in Sys.setlocale("LC_ALL", "English_United Kingdom.1252"): OS
## reports request to set locale to "English_United Kingdom.1252" cannot be
## honored

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

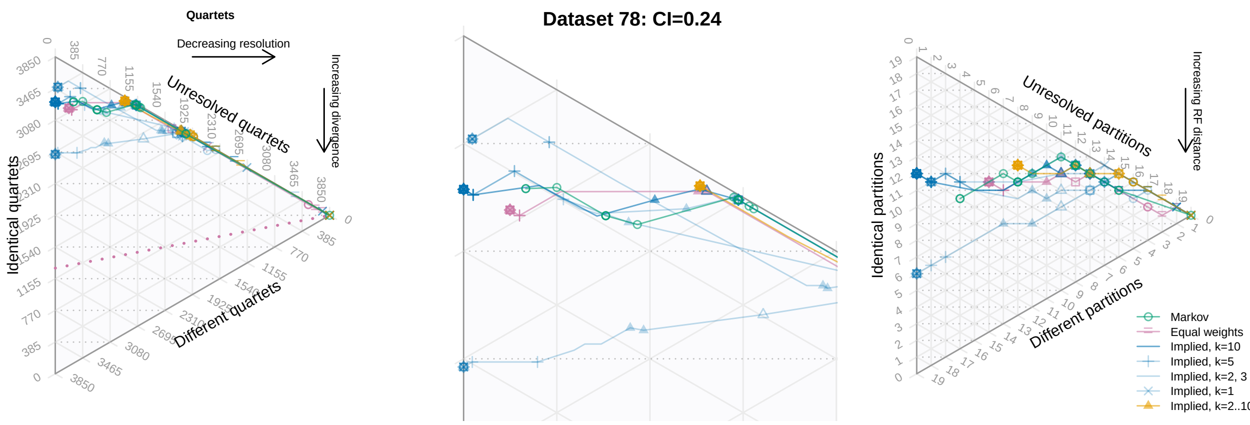
```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```




```
## Warning in Sys.setlocale("LC_ALL", "English_United Kingdom.1252"): OS
## reports request to set locale to "English_United Kingdom.1252" cannot be
## honored

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

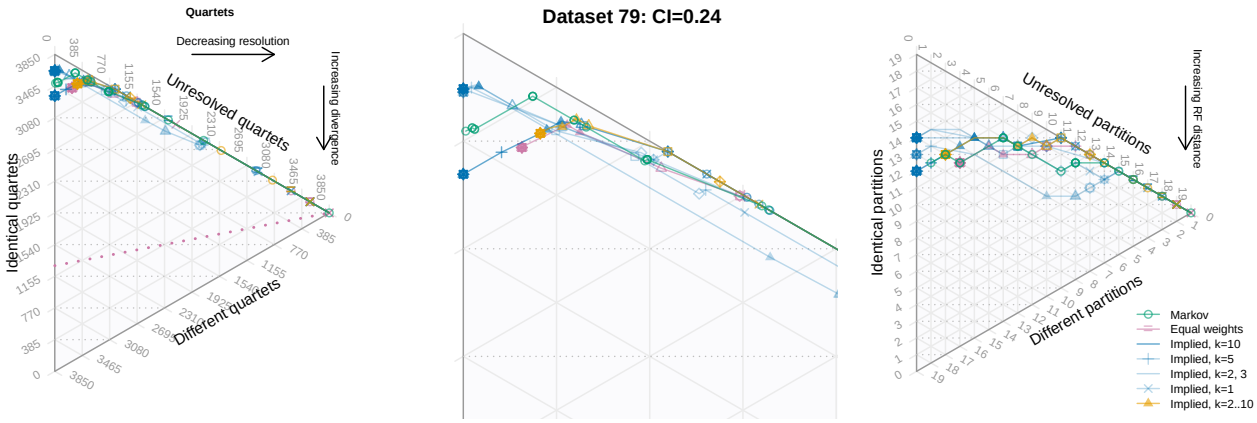
```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```




```
## Warning in Sys.setlocale("LC_ALL", "English_United Kingdom.1252"): OS
## reports request to set locale to "English_United Kingdom.1252" cannot be
## honored

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

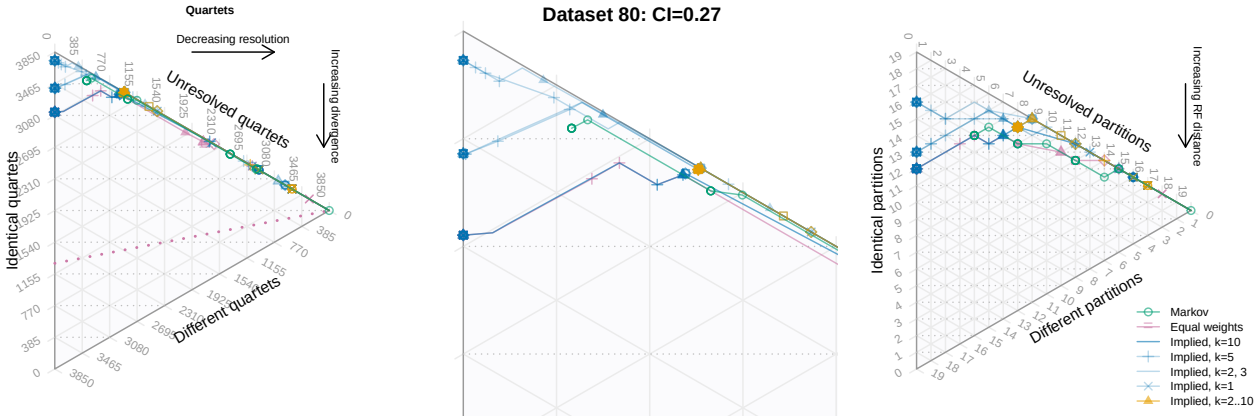
```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```



0.10 Trees 81–90

```
## Warning in Sys.setlocale("LC_ALL", "English_United Kingdom.1252"): OS
## reports request to set locale to "English_United Kingdom.1252" cannot be
## honored

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

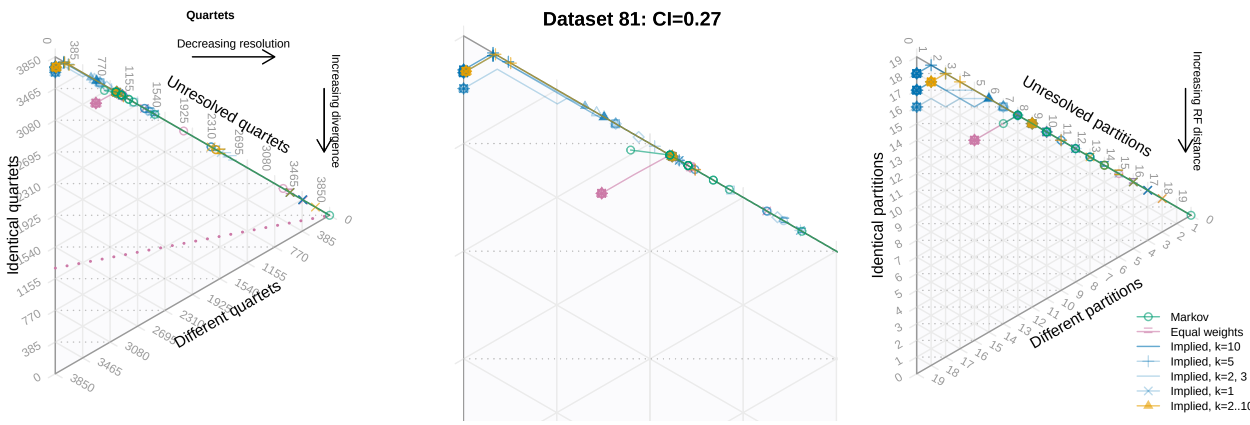
```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```




```
## Warning in Sys.setlocale("LC_ALL", "English_United Kingdom.1252"): OS
## reports request to set locale to "English_United Kingdom.1252" cannot be
## honored

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

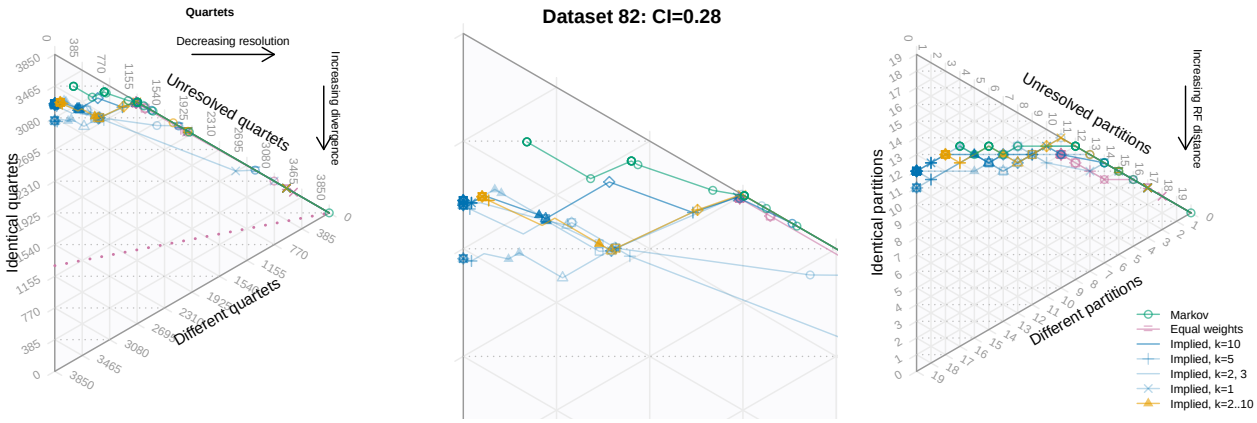
```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```




```
## Warning in Sys.setlocale("LC_ALL", "English_United Kingdom.1252"): OS
## reports request to set locale to "English_United Kingdom.1252" cannot be
## honored

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

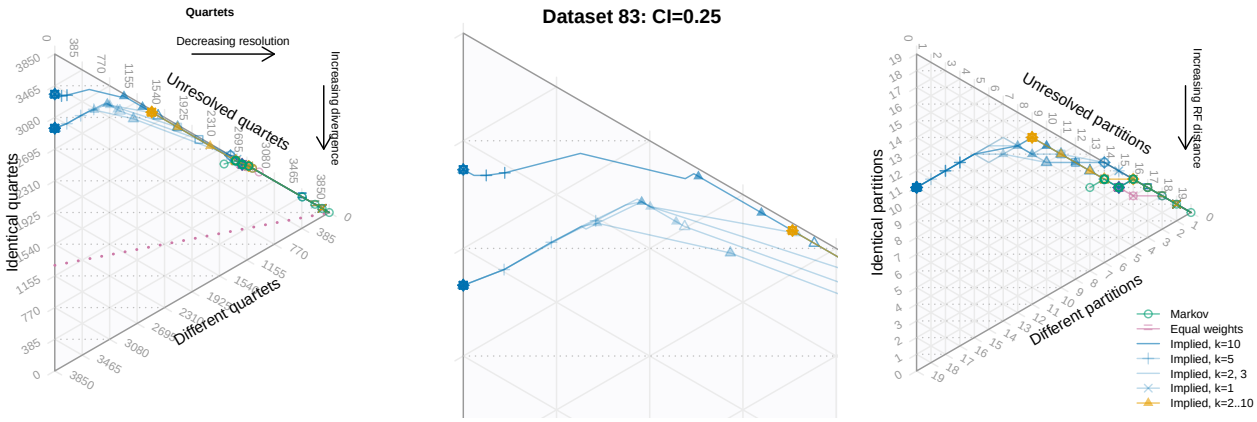
```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```




```
## Warning in Sys.setlocale("LC_ALL", "English_United Kingdom.1252"): OS
## reports request to set locale to "English_United Kingdom.1252" cannot be
## honored

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

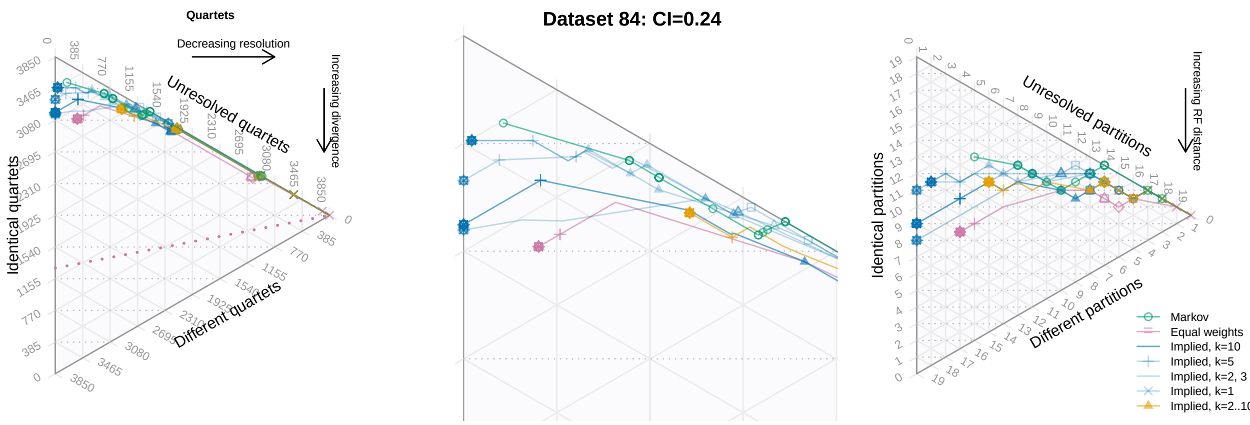
```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```




```
## Warning in Sys.setlocale("LC_ALL", "English_United Kingdom.1252"): OS
## reports request to set locale to "English_United Kingdom.1252" cannot be
## honored

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

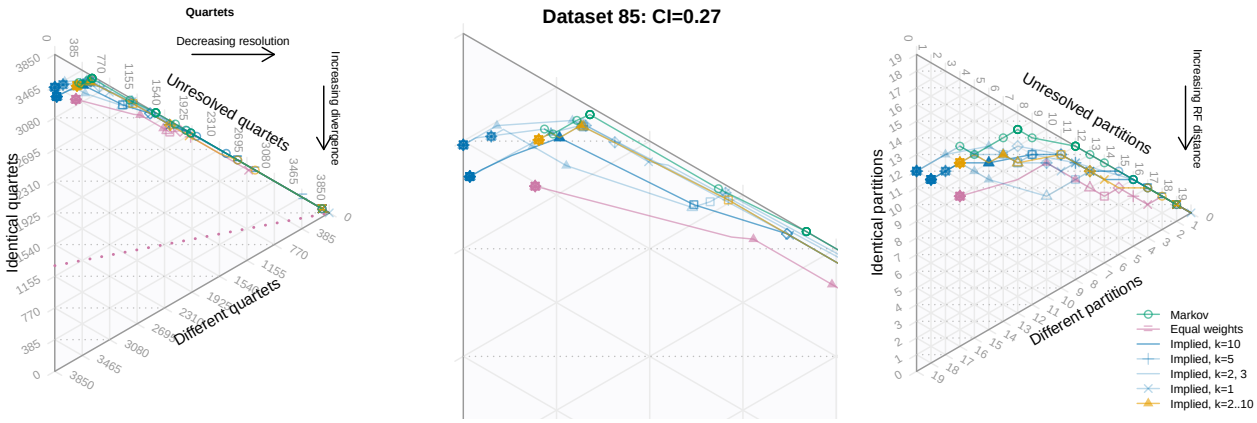
```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```




```
## Warning in Sys.setlocale("LC_ALL", "English_United Kingdom.1252"): OS
## reports request to set locale to "English_United Kingdom.1252" cannot be
## honored

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

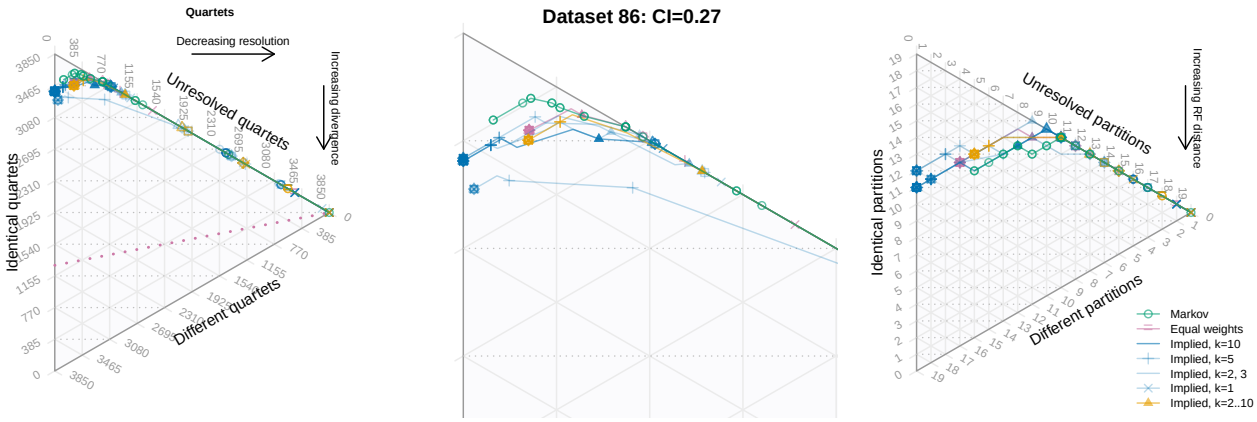
```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```




```
## Warning in Sys.setlocale("LC_ALL", "English_United Kingdom.1252"): OS
## reports request to set locale to "English_United Kingdom.1252" cannot be
## honored

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

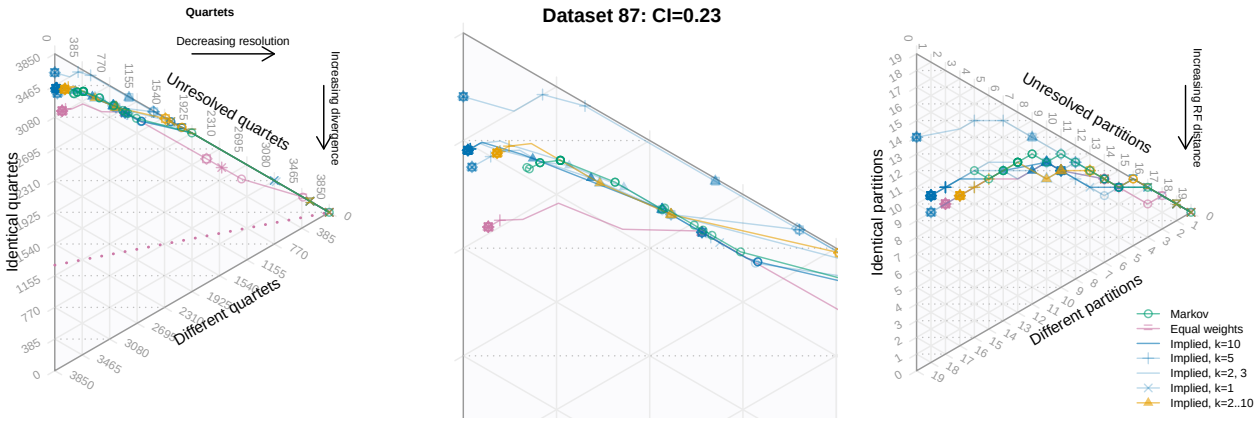
```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```




```
## Warning in Sys.setlocale("LC_ALL", "English_United Kingdom.1252"): OS
## reports request to set locale to "English_United Kingdom.1252" cannot be
## honored
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

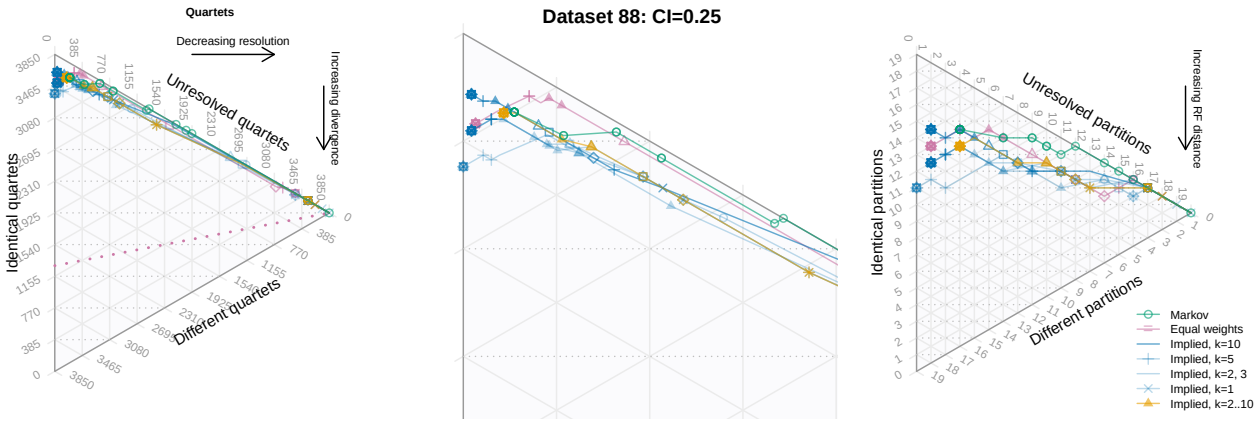
```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```




```
## Warning in Sys.setlocale("LC_ALL", "English_United Kingdom.1252"): OS
## reports request to set locale to "English_United Kingdom.1252" cannot be
## honored

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

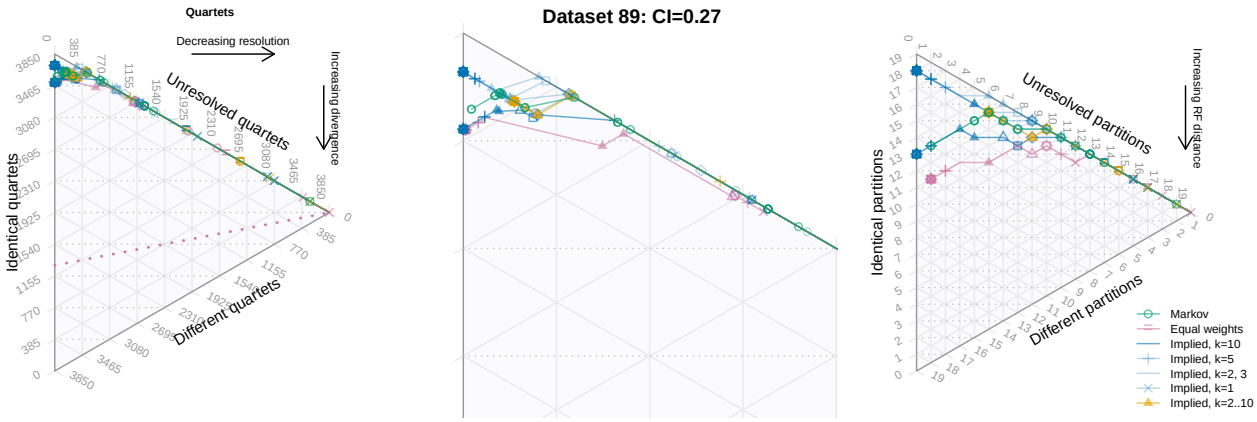
```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```




```
## Warning in Sys.setlocale("LC_ALL", "English_United Kingdom.1252"): OS
## reports request to set locale to "English_United Kingdom.1252" cannot be
## honored

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

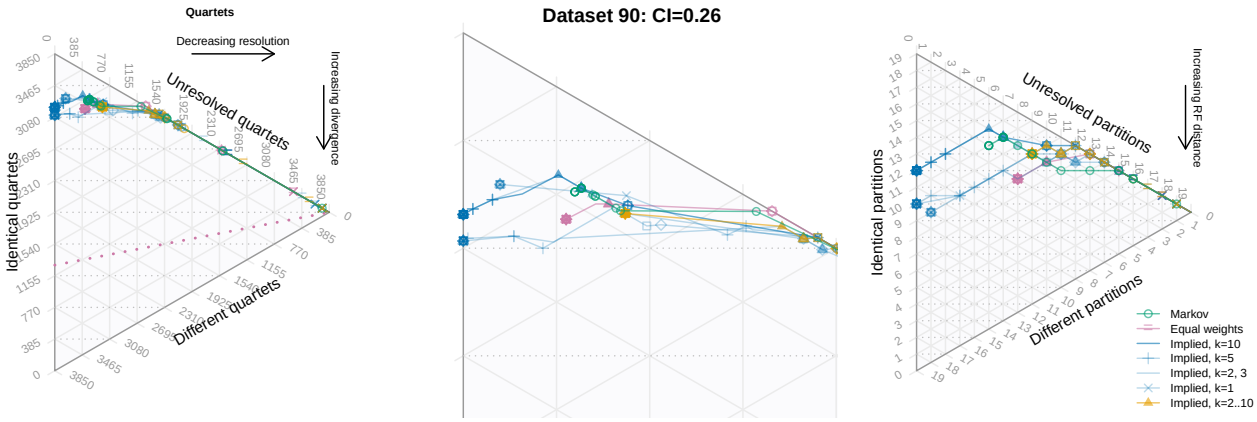
```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```



0.11 Trees 91–100

```
## Warning in Sys.setlocale("LC_ALL", "English_United Kingdom.1252"): OS
## reports request to set locale to "English_United Kingdom.1252" cannot be
## honored
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

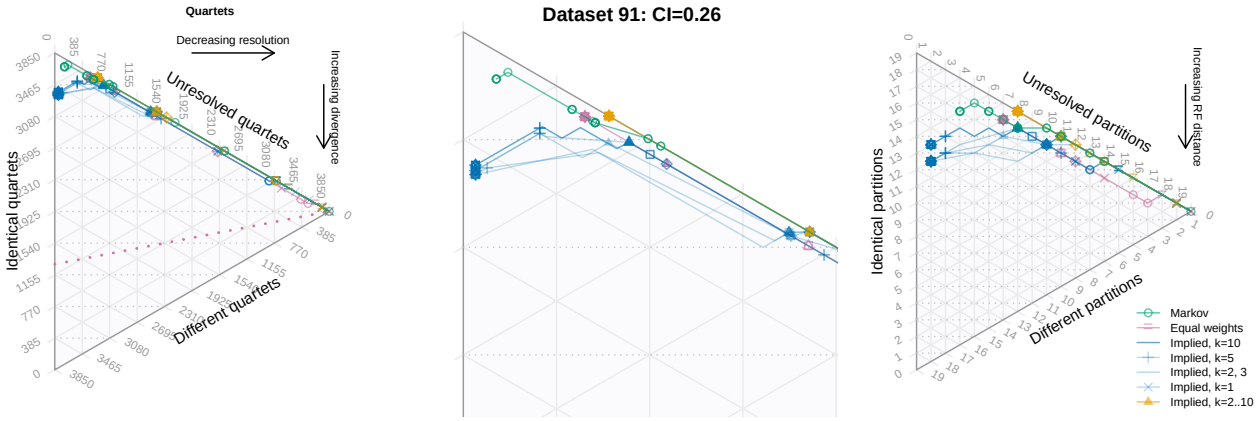
```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```




```
## Warning in Sys.setlocale("LC_ALL", "English_United Kingdom.1252"): OS
## reports request to set locale to "English_United Kingdom.1252" cannot be
## honored

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

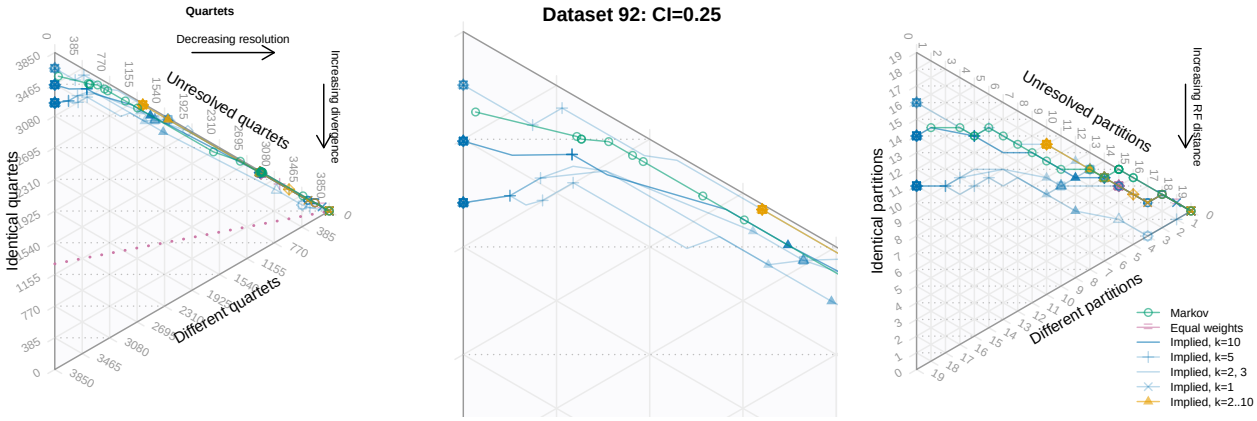
```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```




```
## Warning in Sys.setlocale("LC_ALL", "English_United Kingdom.1252"): OS
## reports request to set locale to "English_United Kingdom.1252" cannot be
## honored

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

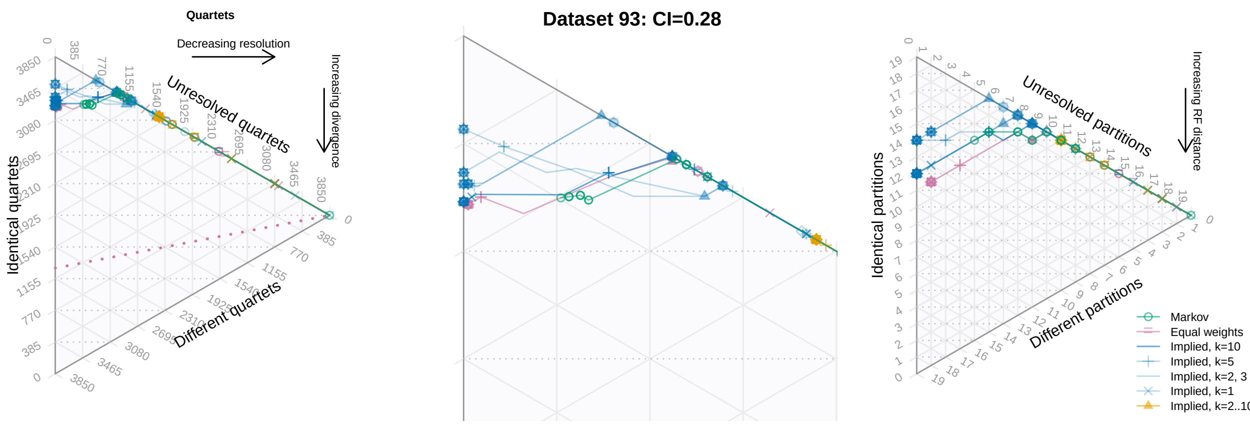
```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```




```
## Warning in Sys.setlocale("LC_ALL", "English_United Kingdom.1252"): OS
## reports request to set locale to "English_United Kingdom.1252" cannot be
## honored

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

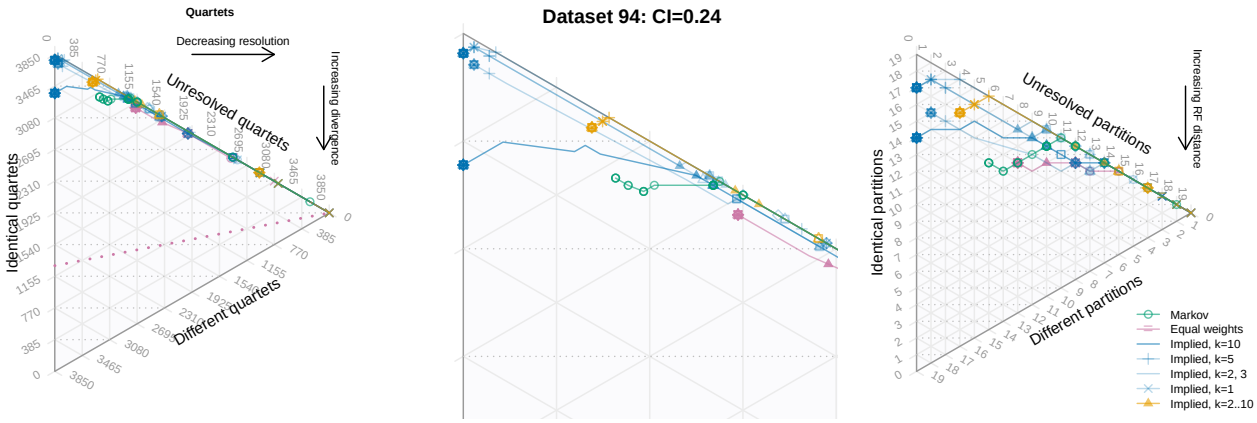
```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```




```
## Warning in Sys.setlocale("LC_ALL", "English_United Kingdom.1252"): OS
## reports request to set locale to "English_United Kingdom.1252" cannot be
## honored

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

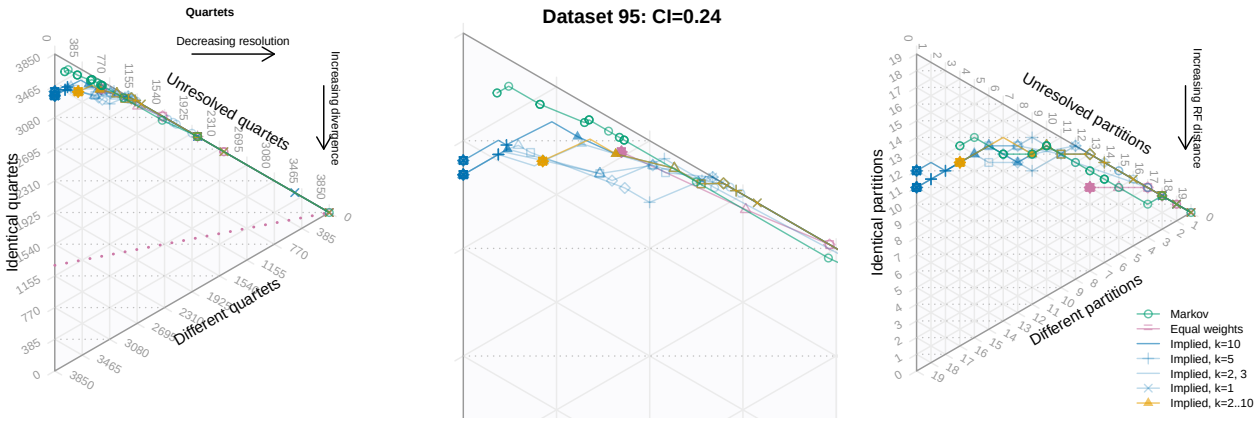
```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```




```
## Warning in Sys.setlocale("LC_ALL", "English_United Kingdom.1252"): OS
## reports request to set locale to "English_United Kingdom.1252" cannot be
## honored

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

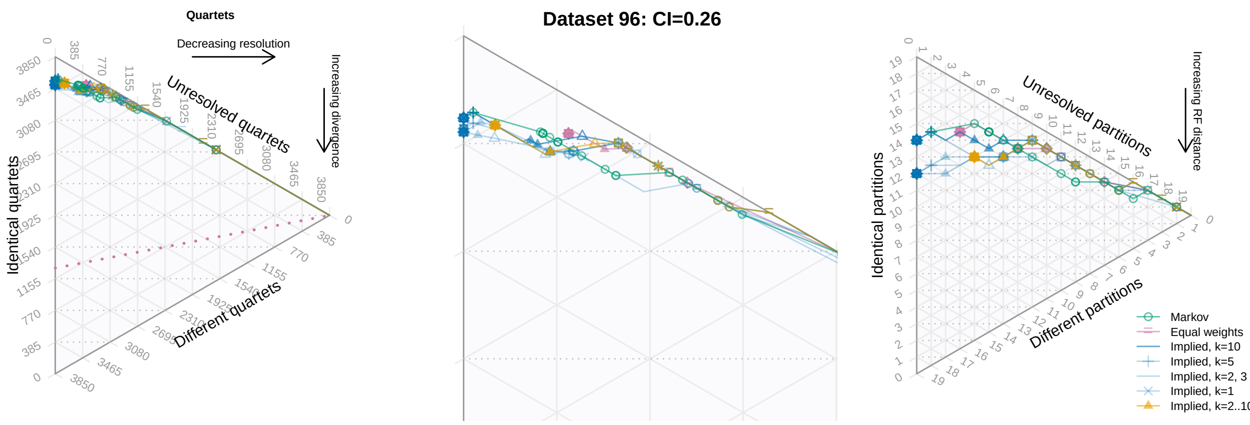
```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```




```
## Warning in Sys.setlocale("LC_ALL", "English_United Kingdom.1252"): OS
## reports request to set locale to "English_United Kingdom.1252" cannot be
## honored

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

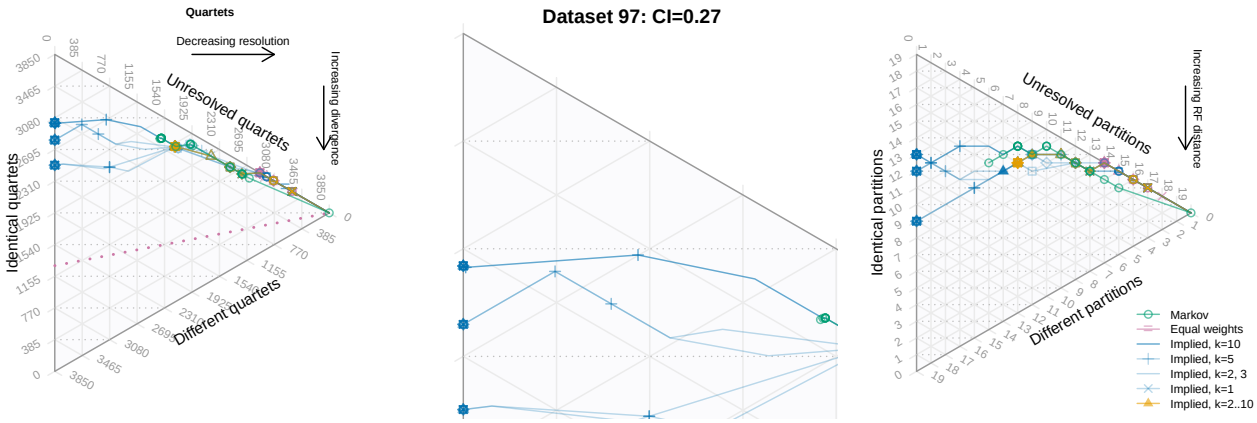
```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```




```
## Warning in Sys.setlocale("LC_ALL", "English_United Kingdom.1252"): OS
## reports request to set locale to "English_United Kingdom.1252" cannot be
## honored

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

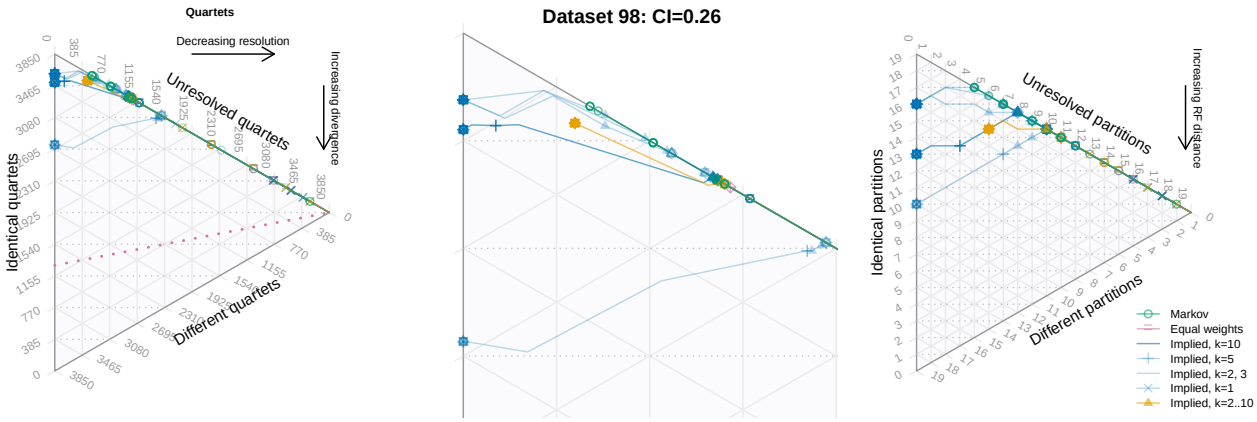
```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```




```
## Warning in Sys.setlocale("LC_ALL", "English_United Kingdom.1252"): OS
## reports request to set locale to "English_United Kingdom.1252" cannot be
## honored

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

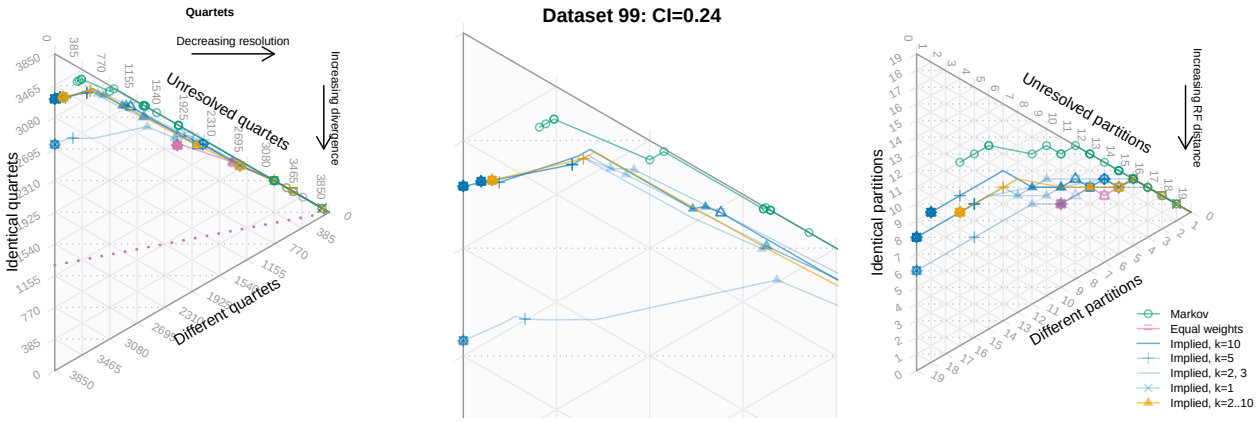
```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```

```
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```




```
## Warning in Sys.setlocale("LC_ALL", "English_United Kingdom.1252"): OS
## reports request to set locale to "English_United Kingdom.1252" cannot be
## honored
## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

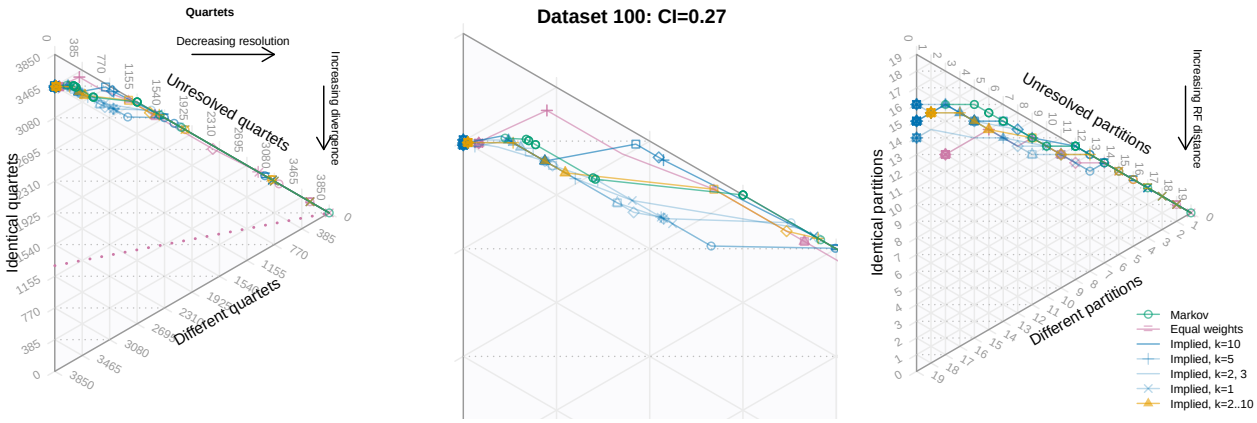
```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
```

```
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale

## Warning in plot.xy(xy.coords(x, y), type = type, ...): pch value '183' is
## invalid in this locale
```



References

1. Congreve CR, Lamsdell JC. 2016 Implied weighting and its utility in palaeontological datasets: a study using modelled phylogenetic matrices. *Palaeontology* **59**, 447–465. (doi:10.1111/pala.12236)

2. Smith MR. In press. Bayesian and parsimony approaches reconstruct informative trees from simulated morphological datasets. *Biology Letters; preprint at BioRxiv* (doi:10.1101/227942)