

```
x = 1:9
```

```
cut(x, breaks = 3)
```

```
Levels: (0.991,4]
```

```
(4,7]
```

```
(7,10]
```

1

2

3

4

5

6

7

8

9

10

(0.991,4] (0.991,4] (0.991,4] (0.991,4]

(4,7]

(4,7]

(4,7]

(7,10]

(7,10]

(7,10]

```
cut(x, breaks = 3, right = FALSE)
```

```
Levels: [0.991,4)
```

```
[4,7)
```

```
[7,10)
```

1

2

3

4

5

6

7

8

9

10

[0.991,4) [0.991,4) [0.991,4)

[4,7)

[4,7)

[4,7)

[7,10)

[7,10)

[7,10)

[7,10)

```
cut(x, breaks = c(1, 4, 7, 10))
```

```
Levels: (1,4]
```

```
(4,7]
```

```
(7,10]
```

1

2

3

4

5

6

7

8

9

10

<NA>

(1,4]

(1,4]

(1,4]

(4,7]

(4,7]

(4,7]

(7,10]

(7,10]

(7,10]

```
cut(x, breaks = c(1, 4, 7, 10), include.lowest = TRUE)
```

```
Levels: [1,4]
```

```
(4,7]
```

```
(7,10]
```

1

2

3

4

5

6

7

8

9

10

[1,4]

[1,4]

[1,4]

[1,4]

(4,7]

(4,7]

(4,7]

(7,10]

(7,10]

(7,10]