

Wide

ID	Timepoint 1	Timepoint 2	Timepoint 3
1	1.1	1.2	1.3
2	2.1	2.2	2.3
3	3.1	3.2	3.3

Long

ID	Timepoint	Value
1	1	1.1
1	2	1.2
1	3	1.3
2	1	2.1
2	2	2.2
2	3	2.3
3	1	3.1
3	2	3.2
3	3	3.3

```
dat_wide2long <- reshape(dat_wide,
```

Referring to **input** data frame:

- 1. Column with ID
- 2. Columns with data

Referring to **output** data frame:

- 3. Name of column to store var names
- 4. Var names (to be recycled)
- 5. Name of column to store values

```
idvar = "ID",
```

```
varying = list(2:4),
```

```
timevar = "Timepoint",
```

```
times = 1:3,
```

```
v.names = "Value",
```

```
direction = "long")
```