

```
dat_long2wide ← reshape(dat_long,
```

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

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

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

```
  direction = "wide")
```

All arguments refer to **INPUT** data frame:

1. Column with case **ID**
2. Column that stores **var names**
3. Column that stores **values**

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 |

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 |

Optionally rename output columns:

```
colnames(dat_long2wide)[2:4] ← paste("Timepoint", 1:3)
```