

# Resolución

Región crítica:

$$\text{R.C.} = \{\bar{x} \mid T < c\}$$

$$P(T < c) = \alpha \implies c = F_{t_{n-1}}^{-1}(\alpha)$$

```
> (c <- qt (alfa, n-1))
```

```
[1] -1'833113
```

```
> (T <- (mean(X) - mu0) / sd(X) * sqrt(n))
```

```
[1] -2'049558
```

```
> T < c # ¿se rechaza H0?
```

```
[1] TRUE
```