

Resolución

Región crítica:

$$\text{R.C.} = \{\bar{x} \mid T < c_1\} \cup \{\bar{x} \mid T > c_2\}$$

$$P(T < c_1) = P(T > c_2) = \frac{\alpha}{2} \implies -c_1 = c_2 = F_{t_{n-1}}^{-1}\left(1 - \frac{\alpha}{2}\right)$$

En R:

```
> (c2 <- qt (1-alfa/2, n-1))
```

```
[1] 2.262157
```