

### 1.5. Conjunto de 1009 datos y 35 muestras

|              | SAE               | MAE             | RAE             | RMSE            | COR            | R2             |
|--------------|-------------------|-----------------|-----------------|-----------------|----------------|----------------|
| ctree        | 10406.58225       | 30.88007        | 65.04650        | 40.02893        | 0.69401        | 0.48165        |
| rpart        | 10197.95826       | 30.26100        | 63.74249        | 39.37592        | 0.70520        | 0.49730        |
| kknn         | 9147.51425        | 27.14396        | 57.17667        | 36.86581        | 0.74955        | 0.56182        |
| mlp          | 9000.95905        | 26.70908        | 56.26063        | 35.73037        | 0.76809        | 0.58996        |
| mlpe         | 8791.27839        | 26.08688        | 54.95001        | <b>33.91572</b> | 0.79244        | 0.62796        |
| ksvm         | <b>8463.32951</b> | <b>25.11374</b> | <b>52.90017</b> | 34.67996        | <b>0.79832</b> | <b>0.63731</b> |
| randomForest | 8931.29430        | 26.50236        | 55.82519        | 34.93439        | 0.77899        | 0.60683        |
| mr           | 10591.61645       | 31.42913        | 66.20305        | 39.10858        | 0.71055        | 0.50488        |
| mars         | 8842.91866        | 26.24011        | 55.27279        | 33.96852        | 0.79161        | 0.62665        |
| cubist       | 9012.54150        | 26.74345        | 56.33302        | 35.70576        | 0.77611        | 0.60235        |
| pcr          | 10337.63121       | 30.67546        | 64.61552        | 38.59290        | 0.72023        | 0.51873        |
| plsr         | 10337.63121       | 30.67546        | 64.61552        | 38.59290        | 0.72023        | 0.51873        |
| cppls        | 10337.63121       | 30.67546        | 64.61552        | 38.59290        | 0.72023        | 0.51873        |

Cuadro 5: Métricas de modelos analizados con 35 muestras