Regras de decisão da árvore:

```
|--- remainder__Sex <= 0.50
|   |--- remainder__Pclass <= 2.50
|   |   |--- remainder__Fare <= 28.86
|   |   |   |--- remainder__Fare <= 28.23
|   |   |   |   |--- remainder__Age <= 23.50
|   |   |   |   |   |--- class: 1
|   |   |   |   |--- remainder__Age >  23.50
|   |   |   |   |   |--- remainder__Age <= 27.50
|   |   |   |   |   |   |--- remainder__Age <= 25.50
|   |   |   |   |   |   |   |--- remainder__Fare <= 13.75
|   |   |   |   |   |   |   |   |--- class: 0
|   |   |   |   |   |   |   |--- remainder__Fare >  13.75
|   |   |   |   |   |   |   |   |--- class: 1
|   |   |   |   |   |   |--- remainder__Age >  25.50
|   |   |   |   |   |   |   |--- remainder__Fare <= 17.43
|   |   |   |   |   |   |   |   |--- class: 1
|   |   |   |   |   |   |   |--- remainder__Fare >  17.43
|   |   |   |   |   |   |   |   |--- class: 0
|   |   |   |   |   |--- remainder__Age >  27.50
|   |   |   |   |   |   |--- remainder__Age <= 37.00
|   |   |   |   |   |   |   |--- class: 1
|   |   |   |   |   |   |--- remainder__Age >  37.00
|   |   |   |   |   |   |   |--- remainder__Age <= 39.00
|   |   |   |   |   |   |   |   |--- class: 0
|   |   |   |   |   |   |   |--- remainder__Age >  39.00
|   |   |   |   |   |   |   |   |--- remainder__Age <= 56.00
|   |   |   |   |   |   |   |   |   |--- remainder__SibSp <= 0.50
|   |   |   |   |   |   |   |   |   |   |--- class: 1
|   |   |   |   |   |   |   |   |   |--- remainder__SibSp >  0.50
|   |   |   |   |   |   |   |   |   |   |--- remainder__Age <= 44.50
|   |   |   |   |   |   |   |   |   |   |   |--- truncated branch of depth 2
|   |   |   |   |   |   |   |   |   |   |--- remainder__Age >  44.50
|   |   |   |   |   |   |   |   |   |   |   |--- class: 1
|   |   |   |   |   |   |   |   |--- remainder__Age >  56.00
|   |   |   |   |   |   |   |   |   |--- remainder__Age <= 57.50
|   |   |   |   |   |   |   |   |   |   |--- class: 0
|   |   |   |   |   |   |   |   |   |--- remainder__Age >  57.50
|   |   |   |   |   |   |   |   |   |   |--- class: 1
|   |   |   |--- remainder__Fare >  28.23
|   |   |   |   |--- class: 0
|   |   |--- remainder__Fare >  28.86
|   |   |   |--- remainder__Age <= 2.50
|   |   |   |   |--- class: 0
|   |   |   |--- remainder__Age >  2.50
|   |   |   |   |--- remainder__Parch <= 1.50
|   |   |   |   |   |--- class: 1
|   |   |   |   |--- remainder__Parch >  1.50
|   |   |   |   |   |--- remainder__Age <= 24.50
|   |   |   |   |   |   |--- class: 1
|   |   |   |   |   |--- remainder__Age >  24.50
```

```
|   |   |   |   |   |   |   |--- remainder__Age <= 28.00
|   |   |   |   |   |   |   |   |--- class: 0
|   |   |   |   |   |   |   |--- remainder__Age >  28.00
|   |   |   |   |   |   |   |   |--- class: 1
|   |--- remainder__Pclass >  2.50
|   |   |--- remainder__Fare <= 23.35
|   |   |   |--- remainder__Age <= 36.50
|   |   |   |   |--- OneHot__Embarked_S <= 0.50
|   |   |   |   |   |--- remainder__Fare <= 15.62
|   |   |   |   |   |   |--- remainder__Fare <= 13.94
|   |   |   |   |   |   |   |--- remainder__Age <= 17.00
|   |   |   |   |   |   |   |   |--- class: 1
|   |   |   |   |   |   |   |--- remainder__Age >  17.00
|   |   |   |   |   |   |   |   |--- remainder__Age <= 18.50
|   |   |   |   |   |   |   |   |   |--- class: 0
|   |   |   |   |   |   |   |   |--- remainder__Age >  18.50
|   |   |   |   |   |   |   |   |   |--- remainder__Parch <= 1.00
|   |   |   |   |   |   |   |   |   |   |--- remainder__Age <= 29.25
|   |   |   |   |   |   |   |   |   |   |   |--- truncated branch of depth 7
|   |   |   |   |   |   |   |   |   |   |--- remainder__Age >  29.25
|   |   |   |   |   |   |   |   |   |   |   |--- class: 0
|   |   |   |   |   |   |   |   |   |--- remainder__Parch >  1.00
|   |   |   |   |   |   |   |   |   |   |--- class: 0
|   |   |   |   |   |   |--- remainder__Fare >  13.94
|   |   |   |   |   |   |   |--- remainder__Fare <= 15.37
|   |   |   |   |   |   |   |   |--- remainder__Age <= 28.50
|   |   |   |   |   |   |   |   |   |--- remainder__Age <= 16.00
|   |   |   |   |   |   |   |   |   |--- remainder__Age <= 14.75
|   |   |   |   |   |   |   |   |   |   |--- class: 0
|   |   |   |   |   |   |   |   |   |--- remainder__Age >  14.75
|   |   |   |   |   |   |   |   |   |   |--- class: 1
|   |   |   |   |   |   |   |   |   |--- remainder__Age >  16.00
|   |   |   |   |   |   |   |   |   |   |--- class: 0
|   |   |   |   |   |   |   |   |--- remainder__Age >  28.50
|   |   |   |   |   |   |   |   |   |--- class: 1
|   |   |   |   |   |   |   |--- remainder__Fare >  15.37
|   |   |   |   |   |   |   |   |--- remainder__Parch <= 0.50
|   |   |   |   |   |   |   |   |   |--- class: 1
|   |   |   |   |   |   |   |   |--- remainder__Parch >  0.50
|   |   |   |   |   |   |   |   |   |--- class: 0
|   |   |   |   |   |--- remainder__Fare >  15.62
|   |   |   |   |   |   |--- class: 1
|   |   |   |   |--- OneHot__Embarked_S >  0.50
|   |   |   |   |   |--- remainder__Age <= 32.00
|   |   |   |   |   |   |--- remainder__Fare <= 7.76
|   |   |   |   |   |   |   |--- remainder__Age <= 25.50
|   |   |   |   |   |   |   |   |--- class: 1
|   |   |   |   |   |   |   |--- remainder__Age >  25.50
|   |   |   |   |   |   |   |   |--- class: 0
|   |   |   |   |   |   |--- remainder__Fare >  7.76
|   |   |   |   |   |   |   |--- remainder__Fare <= 10.82
|   |   |   |   |   |   |   |   |--- remainder__Fare <= 10.15
```

```
|   |   |   |   |   |   |   |   |   |   |--- remainder__Parch <= 0.50
|   |   |   |   |   |   |   |   |   |   |--- remainder__Fare <= 9.84
|   |   |   |   |   |   |   |   |   |   |   |--- truncated branch of depth 8
|   |   |   |   |   |   |   |   |   |   |--- remainder__Fare >  9.84
|   |   |   |   |   |   |   |   |   |   |   |--- class: 1
|   |   |   |   |   |   |   |   |   |--- remainder__Parch >  0.50
|   |   |   |   |   |   |   |   |   |   |--- class: 1
|   |   |   |   |   |   |   |   |--- remainder__Fare >  10.15
|   |   |   |   |   |   |   |   |   |--- class: 0
|   |   |   |   |   |   |   |--- remainder__Fare >  10.82
|   |   |   |   |   |   |   |   |--- remainder__Fare <= 17.25
|   |   |   |   |   |   |   |   |   |--- remainder__Age <= 25.00
|   |   |   |   |   |   |   |   |   |   |--- class: 1
|   |   |   |   |   |   |   |   |   |--- remainder__Age >  25.00
|   |   |   |   |   |   |   |   |   |   |--- remainder__Age <= 26.50
|   |   |   |   |   |   |   |   |   |   |   |--- class: 0
|   |   |   |   |   |   |   |   |   |   |--- remainder__Age >  26.50
|   |   |   |   |   |   |   |   |   |   |   |--- truncated branch of depth 3
|   |   |   |   |   |   |   |   |--- remainder__Fare >  17.25
|   |   |   |   |   |   |   |   |   |--- remainder__Fare <= 21.55
|   |   |   |   |   |   |   |   |   |   |--- remainder__Age <= 30.00
|   |   |   |   |   |   |   |   |   |   |   |--- class: 0
|   |   |   |   |   |   |   |   |   |   |--- remainder__Age >  30.00
|   |   |   |   |   |   |   |   |   |   |   |--- truncated branch of depth 2
|   |   |   |   |   |   |   |   |   |--- remainder__Fare >  21.55
|   |   |   |   |   |   |   |   |   |   |--- class: 1
|   |   |   |   |   |--- remainder__Age >  32.00
|   |   |   |   |   |   |--- class: 1
|   |   |   |--- remainder__Age >  36.50
|   |   |   |   |--- remainder__Age <= 55.00
|   |   |   |   |   |--- class: 0
|   |   |   |   |--- remainder__Age >  55.00
|   |   |   |   |   |--- class: 1
|   |--- remainder__Fare >  23.35
|   |   |   |--- remainder__Parch <= 0.50
|   |   |   |   |--- class: 1
|   |   |   |--- remainder__Parch >  0.50
|   |   |   |   |--- remainder__Fare <= 31.33
|   |   |   |   |   |--- class: 0
|   |   |   |   |--- remainder__Fare >  31.33
|   |   |   |   |   |--- remainder__Fare <= 32.88
|   |   |   |   |   |   |--- class: 1
|   |   |   |   |   |--- remainder__Fare >  32.88
|   |   |   |   |   |   |--- class: 0
|--- remainder__Sex >  0.50
|   |--- remainder__Fare <= 26.27
|   |   |--- remainder__Age <= 13.50
|   |   |   |--- remainder__SibSp <= 2.00
|   |   |   |   |--- remainder__Parch <= 0.50
|   |   |   |   |   |--- remainder__SibSp <= 0.50
|   |   |   |   |   |   |--- class: 0
|   |   |   |   |   |--- remainder__SibSp >  0.50
```

```
| | | | | | | |--- class: 1
| | | | | |--- remainder__Parch >  0.50
| | | | | | |--- class: 1
| | | | |--- remainder__SibSp >  2.00
| | | | | |--- class: 0
| | |--- remainder__Age >  13.50
| | | |--- OneHot__Embarked_C <= 0.50
| | | | |--- remainder__Fare <= 13.25
| | | | | |--- remainder__Fare <= 7.91
| | | | | | |--- remainder__Fare <= 7.86
| | | | | | | |--- remainder__Age <= 32.50
| | | | | | | | |--- remainder__Age <= 20.75
| | | | | | | | | |--- class: 0
| | | | | | | | |--- remainder__Age >  20.75
| | | | | | | | | |--- remainder__Fare <= 7.76
| | | | | | | | | | |--- remainder__Age <= 27.50
| | | | | | | | | | | |--- truncated branch of depth 4
| | | | | | | | | | |--- remainder__Age >  27.50
| | | | | | | | | | | |--- truncated branch of depth 4
| | | | | | | | | |--- remainder__Fare >  7.76
| | | | | | | | | | |--- remainder__Age <= 31.50
| | | | | | | | | | | |--- truncated branch of depth 8
| | | | | | | | | | |--- remainder__Age >  31.50
| | | | | | | | | | | |--- class: 1
| | | | | | | |--- remainder__Age >  32.50
| | | | | | | | |--- class: 0
| | | | | | |--- remainder__Fare >  7.86
| | | | | | | |--- class: 0
| | | | | |--- remainder__Fare >  7.91
| | | | | | |--- remainder__Fare <= 7.99
| | | | | | | |--- remainder__SibSp <= 1.50
| | | | | | | | |--- remainder__SibSp <= 0.50
| | | | | | | | | |--- remainder__Age <= 26.00
| | | | | | | | | | |--- class: 0
| | | | | | | | | |--- remainder__Age >  26.00
| | | | | | | | | | |--- remainder__Age <= 31.50
| | | | | | | | | | | |--- class: 1
| | | | | | | | | | |--- remainder__Age >  31.50
| | | | | | | | | | | |--- truncated branch of depth 3
| | | | | | | | |--- remainder__SibSp >  0.50
| | | | | | | | | |--- class: 1
| | | | | | | |--- remainder__SibSp >  1.50
| | | | | | | | |--- class: 0
| | | | | | |--- remainder__Fare >  7.99
| | | | | | | |--- remainder__Age <= 19.50
| | | | | | | | |--- remainder__Fare <= 8.10
| | | | | | | | | |--- remainder__Age <= 17.00
| | | | | | | | | | |--- class: 0
| | | | | | | | | |--- remainder__Age >  17.00
| | | | | | | | | | |--- remainder__Age <= 18.50
| | | | | | | | | | | |--- class: 1
| | | | | | | | | | |--- remainder__Age >  18.50
```

```
|   |   |   |   |   |   |   |   |   |   |   |   |   |--- class: 0
|   |   |   |   |   |   |   |   |   |   |   |--- remainder__Fare >  8.10
|   |   |   |   |   |   |   |   |   |   |   |--- remainder__Age <= 18.50
|   |   |   |   |   |   |   |   |   |   |   |   |--- class: 0
|   |   |   |   |   |   |   |   |   |   |   |--- remainder__Age >  18.50
|   |   |   |   |   |   |   |   |   |   |   |   |--- remainder__Fare <= 10.34
|   |   |   |   |   |   |   |   |   |   |   |   |   |--- class: 0
|   |   |   |   |   |   |   |   |   |   |   |   |--- remainder__Fare >  10.34
|   |   |   |   |   |   |   |   |   |   |   |   |   |--- truncated branch of depth 2
|   |   |   |   |   |   |   |--- remainder__Age >  19.50
|   |   |   |   |   |   |   |   |--- remainder__Age <= 26.50
|   |   |   |   |   |   |   |   |   |--- class: 0
|   |   |   |   |   |   |   |   |--- remainder__Age >  26.50
|   |   |   |   |   |   |   |   |   |--- remainder__Fare <= 8.08
|   |   |   |   |   |   |   |   |   |   |--- remainder__Age <= 31.25
|   |   |   |   |   |   |   |   |   |   |   |--- class: 0
|   |   |   |   |   |   |   |   |   |   |--- remainder__Age >  31.25
|   |   |   |   |   |   |   |   |   |   |   |--- truncated branch of depth 4
|   |   |   |   |   |   |   |   |   |--- remainder__Fare >  8.08
|   |   |   |   |   |   |   |   |   |   |--- remainder__Fare <= 8.24
|   |   |   |   |   |   |   |   |   |   |   |--- class: 1
|   |   |   |   |   |   |   |   |   |   |--- remainder__Fare >  8.24
|   |   |   |   |   |   |   |   |   |   |   |--- truncated branch of depth 9
|   |   |   |   |--- remainder__Fare >  13.25
|   |   |   |   |   |--- remainder__Fare <= 22.89
|   |   |   |   |   |   |--- class: 0
|   |   |   |   |   |--- remainder__Fare >  22.89
|   |   |   |   |   |   |--- remainder__Fare <= 23.35
|   |   |   |   |   |   |   |--- class: 1
|   |   |   |   |   |   |--- remainder__Fare >  23.35
|   |   |   |   |   |   |   |--- remainder__Age <= 33.00
|   |   |   |   |   |   |   |   |--- remainder__Age <= 31.50
|   |   |   |   |   |   |   |   |   |--- class: 0
|   |   |   |   |   |   |   |   |--- remainder__Age >  31.50
|   |   |   |   |   |   |   |   |   |--- class: 1
|   |   |   |   |   |   |   |--- remainder__Age >  33.00
|   |   |   |   |   |   |   |   |--- class: 0
|   |   |   |--- OneHot__Embarked_C >  0.50
|   |   |   |   |--- remainder__Fare <= 15.15
|   |   |   |   |   |--- remainder__Age <= 29.50
|   |   |   |   |   |   |--- remainder__Age <= 28.75
|   |   |   |   |   |   |   |--- remainder__Age <= 22.50
|   |   |   |   |   |   |   |   |--- remainder__Age <= 18.50
|   |   |   |   |   |   |   |   |   |--- class: 0
|   |   |   |   |   |   |   |   |--- remainder__Age >  18.50
|   |   |   |   |   |   |   |   |   |--- remainder__Fare <= 5.62
|   |   |   |   |   |   |   |   |   |   |--- class: 0
|   |   |   |   |   |   |   |   |   |--- remainder__Fare >  5.62
|   |   |   |   |   |   |   |   |   |   |--- remainder__Fare <= 7.23
|   |   |   |   |   |   |   |   |   |   |   |--- class: 1
|   |   |   |   |   |   |   |   |   |   |--- remainder__Fare >  7.23
|   |   |   |   |   |   |   |   |   |   |   |--- truncated branch of depth 2
```

```
|   |   |   |   |   |   |   |   |   |--- remainder__Age >  22.50
|   |   |   |   |   |   |   |   |   |--- remainder__Pclass <= 2.50
|   |   |   |   |   |   |   |   |   |   |--- remainder__Fare <= 14.45
|   |   |   |   |   |   |   |   |   |   |   |--- class: 1
|   |   |   |   |   |   |   |   |   |   |--- remainder__Fare >  14.45
|   |   |   |   |   |   |   |   |   |   |   |--- class: 0
|   |   |   |   |   |   |   |   |   |--- remainder__Pclass >  2.50
|   |   |   |   |   |   |   |   |   |   |--- remainder__Fare <= 7.23
|   |   |   |   |   |   |   |   |   |   |   |--- class: 0
|   |   |   |   |   |   |   |   |   |   |--- remainder__Fare >  7.23
|   |   |   |   |   |   |   |   |   |   |   |--- remainder__Fare <= 7.56
|   |   |   |   |   |   |   |   |   |   |   |   |--- truncated branch of depth 3
|   |   |   |   |   |   |   |   |   |   |   |--- remainder__Fare >  7.56
|   |   |   |   |   |   |   |   |   |   |   |   |--- class: 0
|   |   |   |   |   |   |   |--- remainder__Age >  28.75
|   |   |   |   |   |   |   |   |--- class: 1
|   |   |   |   |   |   |--- remainder__Age >  29.50
|   |   |   |   |   |   |   |--- class: 0
|   |   |   |   |--- remainder__Fare >  15.15
|   |   |   |   |   |--- remainder__Fare <= 20.23
|   |   |   |   |   |   |--- class: 1
|   |   |   |   |   |--- remainder__Fare >  20.23
|   |   |   |   |   |   |--- class: 0
|   |--- remainder__Fare >  26.27
|   |   |--- remainder__SibSp <= 2.50
|   |   |   |--- remainder__Age <= 13.50
|   |   |   |   |--- class: 1
|   |   |   |--- remainder__Age >  13.50
|   |   |   |   |--- remainder__Fare <= 26.47
|   |   |   |   |   |--- class: 1
|   |   |   |   |--- remainder__Fare >  26.47
|   |   |   |   |   |--- remainder__Age <= 53.00
|   |   |   |   |   |   |--- remainder__Fare <= 26.77
|   |   |   |   |   |   |   |--- remainder__Age <= 46.50
|   |   |   |   |   |   |   |   |--- OneHot__Embarked_C <= 0.50
|   |   |   |   |   |   |   |   |   |--- remainder__Age <= 39.50
|   |   |   |   |   |   |   |   |   |   |--- remainder__Age <= 31.00
|   |   |   |   |   |   |   |   |   |   |   |--- class: 1
|   |   |   |   |   |   |   |   |   |   |--- remainder__Age >  31.00
|   |   |   |   |   |   |   |   |   |   |   |--- class: 1
|   |   |   |   |   |   |   |   |   |--- remainder__Age >  39.50
|   |   |   |   |   |   |   |   |   |   |--- class: 0
|   |   |   |   |   |   |   |   |--- OneHot__Embarked_C >  0.50
|   |   |   |   |   |   |   |   |   |--- class: 1
|   |   |   |   |   |   |   |--- remainder__Age >  46.50
|   |   |   |   |   |   |   |   |--- class: 1
|   |   |   |   |   |   |--- remainder__Fare >  26.77
|   |   |   |   |   |   |   |--- remainder__Fare <= 29.10
|   |   |   |   |   |   |   |   |--- class: 0
|   |   |   |   |   |   |   |--- remainder__Fare >  29.10
|   |   |   |   |   |   |   |   |--- remainder__Fare <= 30.60
|   |   |   |   |   |   |   |   |   |--- remainder__Age <= 28.50
```

```
| | | | | | | | | | | | |--- class: 1
| | | | | | | | | | | | |--- remainder__Age >  28.50
| | | | | | | | | | | | |--- remainder__Fare <= 30.29
| | | | | | | | | | | | | |--- class: 0
| | | | | | | | | | | | |--- remainder__Fare >  30.29
| | | | | | | | | | | | | |--- class: 1
| | | | | | | | | |--- remainder__Fare >  30.60
| | | | | | | | | | |--- remainder__Fare <= 52.28
| | | | | | | | | | |--- remainder__Age <= 47.50
| | | | | | | | | | | |--- truncated branch of depth 5
| | | | | | | | | | |--- remainder__Age >  47.50
| | | | | | | | | | | |--- class: 1
| | | | | | | | | | |--- remainder__Fare >  52.28
| | | | | | | | | | |--- remainder__Fare <= 59.09
| | | | | | | | | | | |--- truncated branch of depth 7
| | | | | | | | | | |--- remainder__Fare >  59.09
| | | | | | | | | | | |--- truncated branch of depth 8
| | | | | | |--- remainder__Age >  53.00
| | | | | | | |--- remainder__Age <= 75.50
| | | | | | | | |--- OneHot__Embarked_C <= 0.50
| | | | | | | | | |--- class: 0
| | | | | | | | |--- OneHot__Embarked_C >  0.50
| | | | | | | | | |--- remainder__SibSp <= 0.50
| | | | | | | | | | |--- remainder__Age <= 57.00
| | | | | | | | | | |--- remainder__Fare <= 33.10
| | | | | | | | | | | |--- class: 0
| | | | | | | | | | |--- remainder__Fare >  33.10
| | | | | | | | | | | |--- class: 1
| | | | | | | | | | |--- remainder__Age >  57.00
| | | | | | | | | | | |--- class: 0
| | | | | | | | | |--- remainder__SibSp >  0.50
| | | | | | | | | | |--- class: 1
| | | | | | | |--- remainder__Age >  75.50
| | | | | | | | |--- class: 1
| | |--- remainder__SibSp >  2.50
| | | |--- remainder__Age <= 3.50
| | | | |--- remainder__Age <= 2.50
| | | | | |--- class: 0
| | | | |--- remainder__Age >  2.50
| | | | | |--- class: 1
| | | |--- remainder__Age >  3.50
| | | | |--- class: 0
```