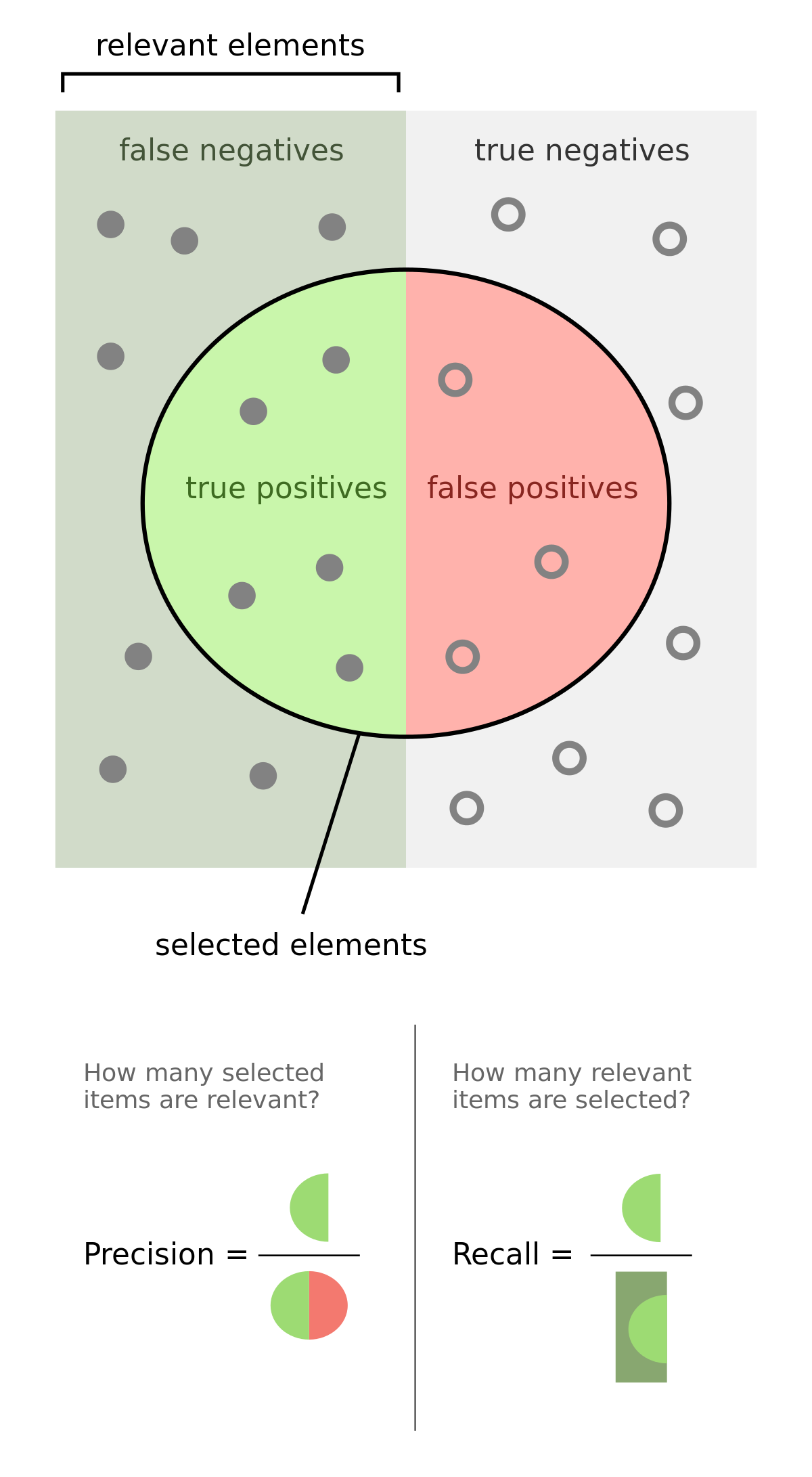
**Classification metrics**

******

****

how many selected

items are relevant?

****

how many relevant

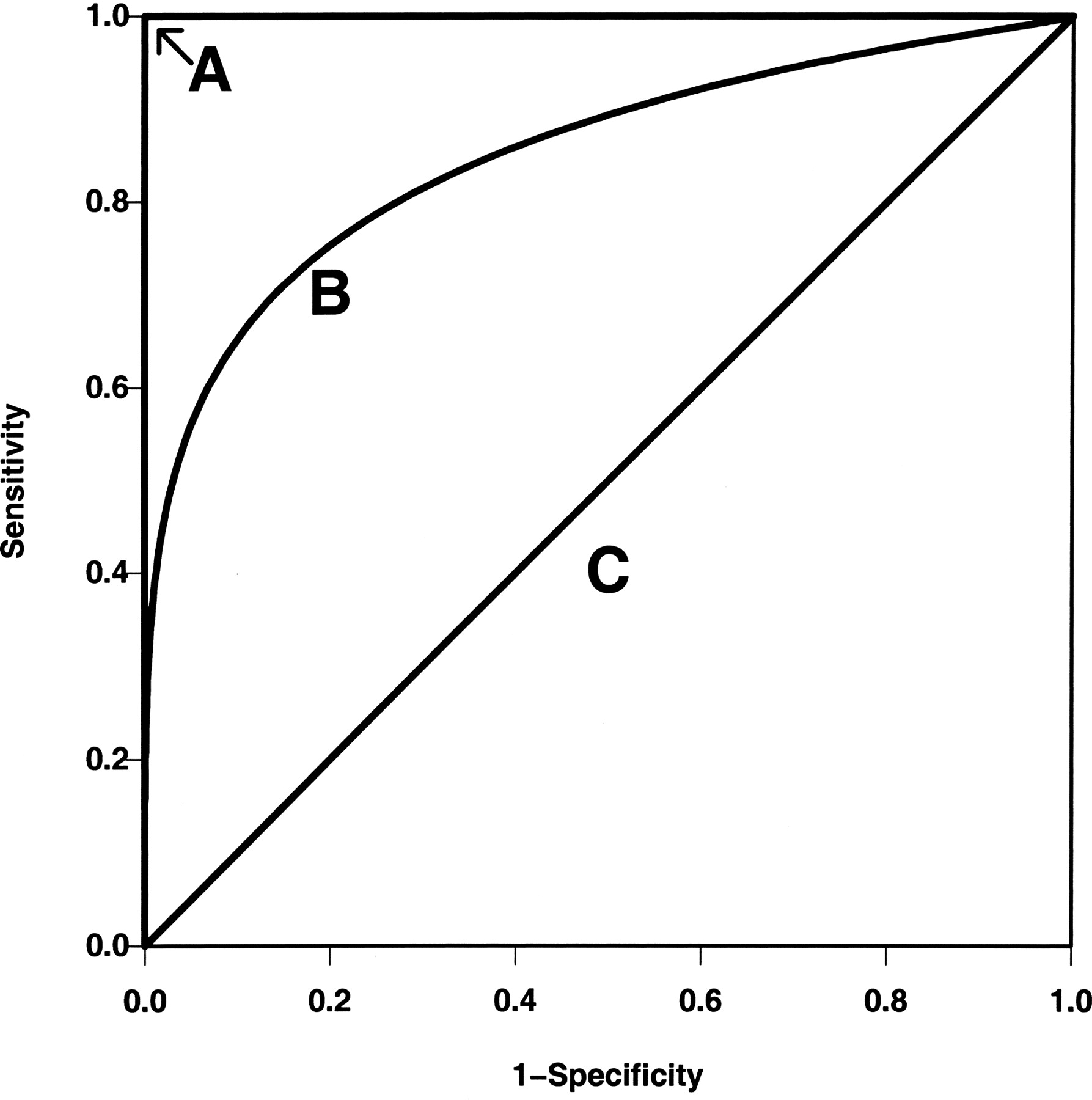
items are selected?

**Classification metrics**

**Confusion matrix**

|  |  |  |  |
| --- | --- | --- | --- |
|  |  | True condition | |
|  |  | 1 | 0 |
| Predicted  condition | 1 | TP | FP (type I error) |
| 0 | FN (type II error) | TN |

ROC - curve



False Positive Rate

True Positive Rate