# VERIFICA 26 GIUGNO 2007

## ES. 1

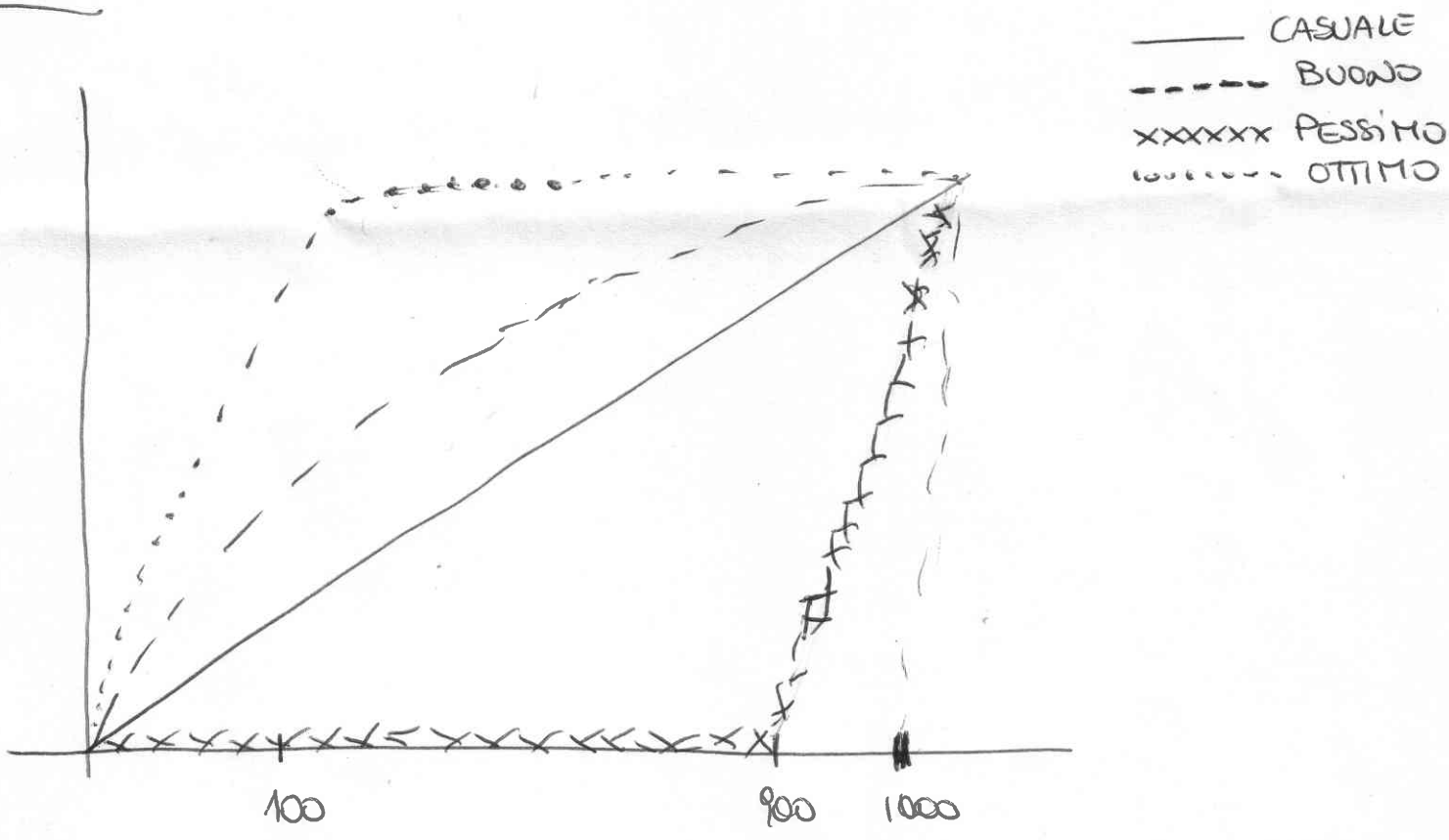
1) W1: NO , W2: NO , W3: SI , W4: SI , W5: SI

2) W1: NO , W2: NO , W3: SI , W4: SI , W5: SI

4) W1: NO W2: NO , W3: SI W4: SI W5: SI

5) W1: NO W2: NO W3: SI W4: SI W5: SI

## ES3



ES.4

CAPACITÀ

| | ≤4 | >4 |
|---|---|---|
| SI | 3 | 6 |
| NO | 4 | 2 |

$\leq 4$: $P(SI) = \frac{3}{7}$ $P(NO) = \frac{4}{7}$ ERROR = $\frac{3}{7}$

$>4$: $P(SI) = \frac{6}{8}$ $P(NO) = \frac{2}{8}$ ER: $\frac{2}{8}$

AVG ER: $\frac{3}{7} \cdot \frac{7}{15} + \frac{2}{8} \cdot \frac{8}{15} = \frac{3}{15} + \frac{2}{15} = \frac{5}{15}$

DURATA BATÌ

| | LUNGA | MEDIA | BASSA |
|---|---|---|---|
| SI | 5 | 2 | 2 |
| NO | 0 | 3 | 3 |

LUNGA: $P(SI) = 1$ $P(NO) = 0$ ER: 0

MEDIA: $P(SI) = \frac{2}{5}$ $P(NO) = \frac{3}{5}$ ER: $\frac{2}{5}$

BASSA: $P(SI) = \frac{2}{5}$ $P(NO) = \frac{3}{5}$ ER $\frac{2}{5}$

AVG ER = $\frac{2}{5} \cdot \frac{5}{15} + \frac{2}{5} \cdot \frac{5}{15} = \frac{4}{15}$

PREZZO

| | ≤150 | >150 |
|---|---|---|
| SI | 3 | 6 |
| NO | 4 | 2 |

$\leq 150$: $P(SI) = \frac{3}{7}$ $P(NO) = \frac{4}{7}$ ER: $\frac{3}{7}$

$>150$: $P(SI) = \frac{6}{8}$ $P(NO) = \frac{2}{8}$ ER $\frac{2}{8}$

AVG ER: $\frac{3}{7} \cdot \frac{7}{15} + \frac{2}{8} \cdot \frac{8}{15} = \frac{5}{15}$

RATIO : MEDIA

CAPACITÀ

| | ≤4 | >4 |
|---|---|---|
| SI | 1 | 1 |
| NO | 1 | 2 |

$\leq 4$: $P(SI) = \frac{1}{2}$ $P(NO) = \frac{1}{2}$ ER: $\frac{1}{2}$

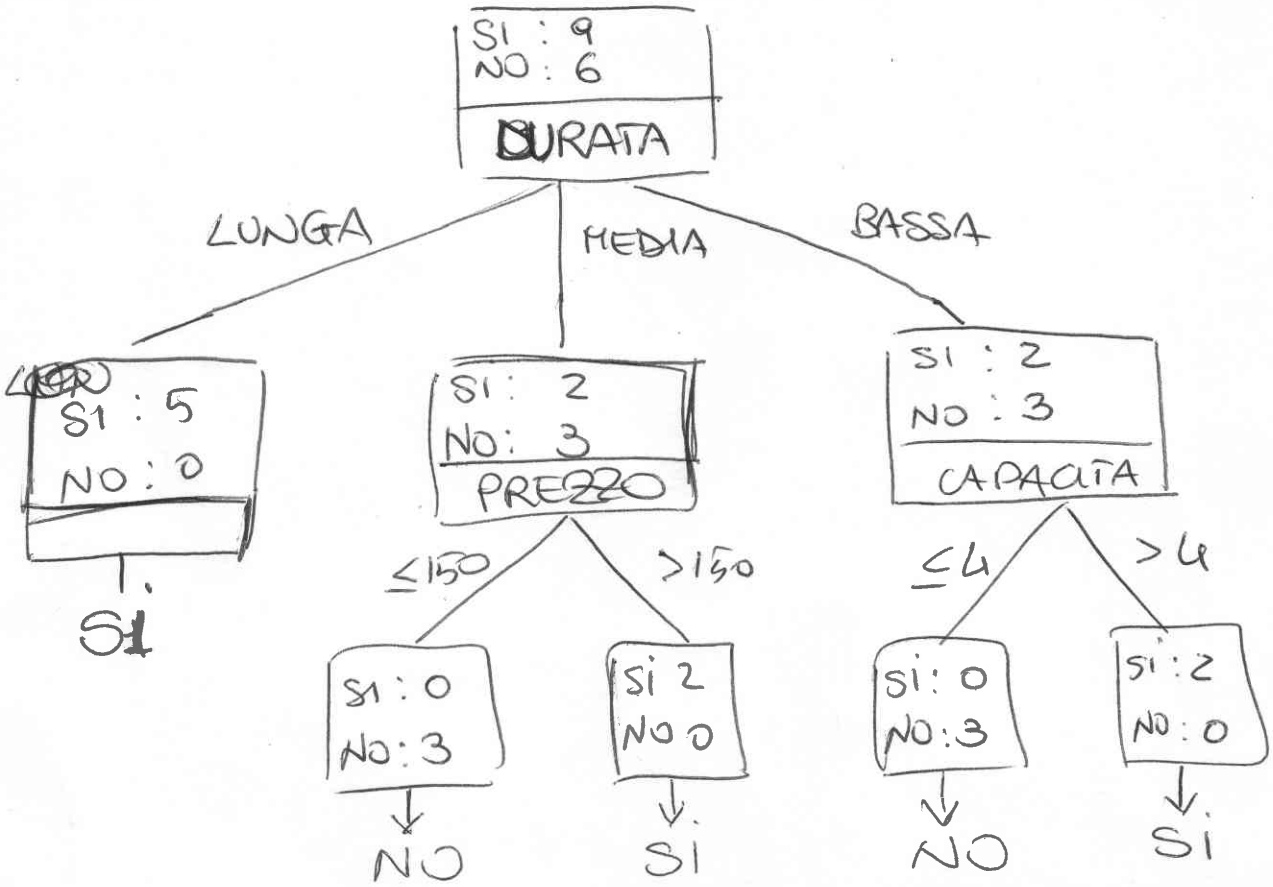
$>4$: $P(SI) = \frac{1}{3}$ $P(NO) = \frac{2}{3}$ ER $\frac{1}{3}$

AUG ERR: $\frac{1}{2} \cdot \frac{2}{5} + \frac{1}{3} \cdot \frac{3}{5} = \frac{2}{5}$

PREZZO

| | ≤150 | >150 |
|---|---|---|
| SI | 0 | 2 |
| NO | 3 | 0 |

AUG ERR: ∅




Accuracy in riferimento al training set = 100%