

1 **Table 4** Characteristics of different thresholds for the BMI, waist hip ratio and waist circumference, corresponding to a 30%, 40% and 50% screening of the population.
 2 Subjects aged 40 to 64 years who were not treated for dyslipidemia. The D.E.S.I.R. Study.

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	MEN					WOMEN				
	threshold	sensitivity	specificity	LR ¹	(se+sp)/2	threshold	sensitivity	specificity	LR	(se+sp)/2
screening with a blood test 30% of the population										
BMI	27 kg/m ²	56 %	72 %	2.0	64 %	26 kg/m ²	54 %	73 %	2.0	63 %
Waist	96 cm	54 %	74 %	2.1	64 %	83 cm	65 %	72 %	2.3	68 %
WHR	0.96	49 %	74 %	1.8	61 %	0.83	67 %	74 %	2.5	70 %
screening with a blood test 40% of the population										
BMI	26 kg/m ²	69 %	61 %	1.8	65 %	25 kg/m ²	62 %	65 %	1.8	64 %
Waist	93 cm	65 %	63 %	1.8	64 %	79 cm	76 %	60 %	1.9	68 %
WHR	0.94	63 %	63 %	1.7	63 %	0.81	74 %	64 %	2.0	69 %
screening with a blood test 50% of the population										
BMI	25 kg/m ²	79 %	47 %	1.5	63 %	24 kg/m ²	78 %	55 %	1.7	66 %
Waist	90 cm	79 %	51 %	1.6	65 %	76 cm	83 %	48 %	1.6	65 %
WHR	0.93	70 %	57 %	1.6	63 %	0.79	81 %	52 %	1.7	66 %
optimal thresholds, maximizing the average of the sensitivity and specificity										
BMI	26 kg/m ²	69 %	61 %	1.8	65 %	24 kg/m ²	78 %	55 %	1.7	66 %
Waist	91 cm	74 %	55 %	1.6	65 %	81 cm	71 %	66 %	2.1	69 %
WHR	0.94	63 %	63 %	1.7	63 %	0.83	67 %	74 %	2.5	70 %

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11 ¹LR : likelihood ratio: sensitivity/(1-specificity)