

Appendix - Tool for assessing the recidivism risk

Considering the result of the multiple logistic regression analysis (par.9 – O1A1 report), a tool for assessing the recidivism risk is here proposed. Four items, deriving from the logistic regression model, compose the tool; according to the B values resulting from the data analysis, each item has a different weight that has subsequently standardized on a scale from 0 to 100 (see table 1).

Tab. 1- relative weight of each item

	B (absolute value)	weight
Has somebody of your family ever been in prison?	0.932	36
Risky Lifestyle	0.290	11
Did you ever work before entering the center/prison?	0.518	21
Did you attend school before entering the center/prison?	0.843	32
Total	2.583	100

The tool is attached to this document at page 2.

Each inmate has to answer to the four questions of the tool. Combining the answers, the inmate will receive a total score that indicates the likelihood to commit a crime again (i.e. the recidivism probability).

In order to make the interpretation of the score easier, the tool provides also a classification of the risk in four categories, shown in the following tables.

<i>Risk Level</i>	<i>range</i>
Low	less than 33
Medium	from 33 to 50
High	from 51 to 80
Serious	over 80

The tool has been converted also into an Excel file that will automatically calculate the total score once the answers are inserted.

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	No	Yes
Has somebody of your family ever been in prison?		

	No	Yes, but just for a period, because I leaved the school	Yes, regularly
Did you attend school before entering the center/prison?			

	No	Yes
Did you ever work before entering the center/prison?		

	Never	Sometimes	Frequently
When you are with your friends, how often did you:			
Get drunk			
Take soft drugs (e.g. cannabis)			
Take hard drugs (e.g. cocaine)			
Gamble			

Total Score	#VALORE!
Evaluation	#VALORE!