

The mental well-being of Italian adolescents in the last decade through the lens of the Dual Factor Model.

Supplementary Material

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Figure S1. Results from the sensitivity analysis on PHC score using a cut-off of 8.

PHC2	PHC score cut-off		Total
	>=8	<8	
>=2	54,345	4,522	58,867
<2	6,998	98,102	105,100
Total	61,343	102,624	163,967

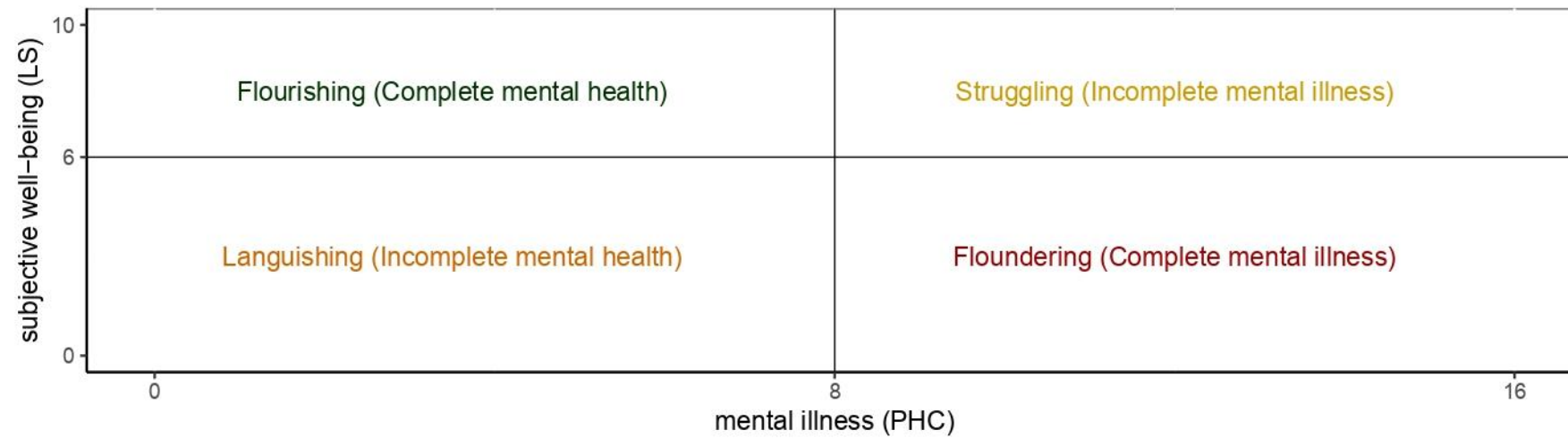
Gold standard was defined as PHC2 = >=2 (>=2 psychological health complaints more than once a week)

Results of the sensitivity analysis

		Mean	95% Confidence Interval]	
Prevalence	Pr (A)	35.9%	35.7%	36.1%
Sensitivity	Pr (+ A)	92.3%	92.1%	92.5%
Specificity	Pr (- N)	93.3%	93.2%	93.5%
ROC area	(Sens. + Spec.)/2	0.93	0.93	0.93
Likelihood ratio (+)	Pr (+ A)/Pr (+ N)	13.86	13.55	14.18
Likelihood ratio (-)	Pr (- A)/Pr (- N)	0.08	0.08	0.08
Odds ratio	LR (+)/LR (-)	168.47	162.06	175.15
Positive predictive value	Pr (A +)	88.6%	88.3%	88.8%
Negative predictive value	Pr (N -)	95.6%	95.5%	95.7%

Legend: PHC2: ≥2 symptoms more than once a week; PHC score cut-off: dichotomization of the continuous PHC variable adopting a cut-off value of 8.

Figure S2. The adopted frame of the Dual Factor Model for this work.



Abbreviations. LS: life satisfaction; PHC: psychological health complaints.