**Supplementary file 1**. Predictive validity analysis of the SAYCARE body weight perception and

body image perception questionnaire in both age groups.

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| ***CHILDREN*** |
|  | **Sensitivity****(95% CI)** | **Specificity****(95% CI)** | **AUC****(95% CI)** |
| Body weight perception questionnaire |  0.80(0.716-0.884) | 0.753(0.762-0.844)  | 0.777(0.707-0.847) |
| Body image perception questionnaire |  0.440(0.348-0.533) | 1.0(0.944-1.0) | 0.844(0.779-0.909) |
| ***ADOLESCENTS*** |
|  | **Sensitivity****(95% CI)** | **Specificity****(95% CI)** | **AUC****(95% CI)** |
| Body weight perception questionnaire |   0.333(0.145-0.522) |  1.0(1.0-1.0) | 0.725(0.669-0.781) |
| Body image perception questionnaire | 0.267(0.166-0.68) |  1.0(1.0-1.0)  |  0.722(0.647-0.797) |

*95% CI =* 95% confidence interval

AUC= Area Under Curve (accuracy)