Balanced Body and Brain intervention training for students

Balanced Body and Brain intervention training for students

Pre-test

A group of **106** final year students went for brain performance assessments (BPA) at the beginning of the semester

Post-test

Students were reassessed on their brain performance following the training exercises at the end of the semester

Intervention Students were required to log 50 hours of physical and neuroagility training (Limitless You/Neuro-link Performance Circuit)

Body and mind intervention training for students

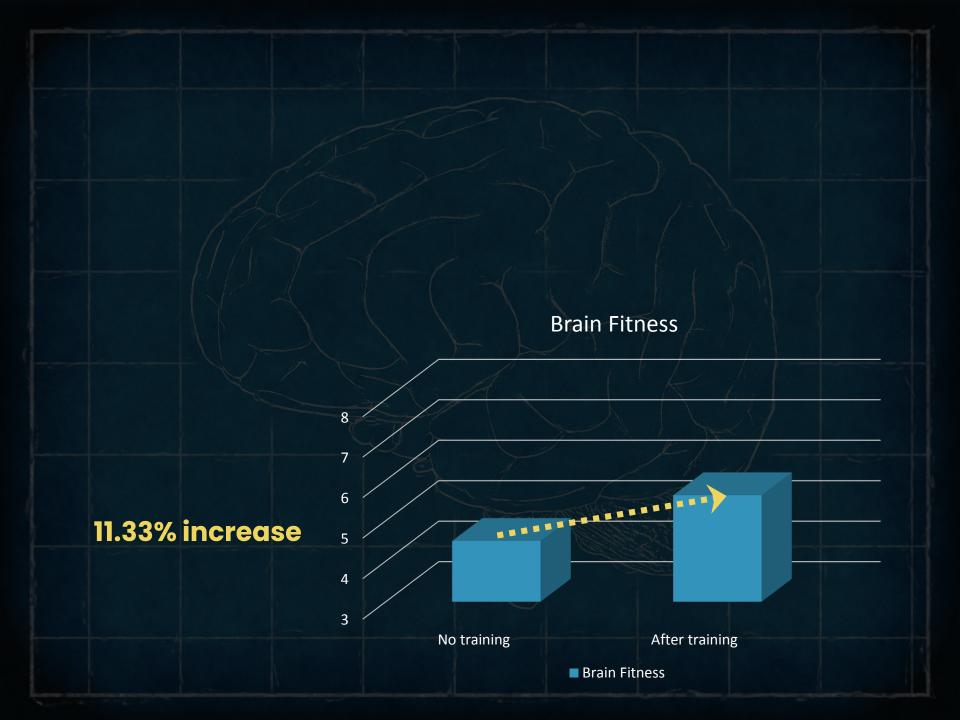
The **aim** of the study was therefore to: **Assess whether** physical and neuroagility training in an higher education environment would impact academic results

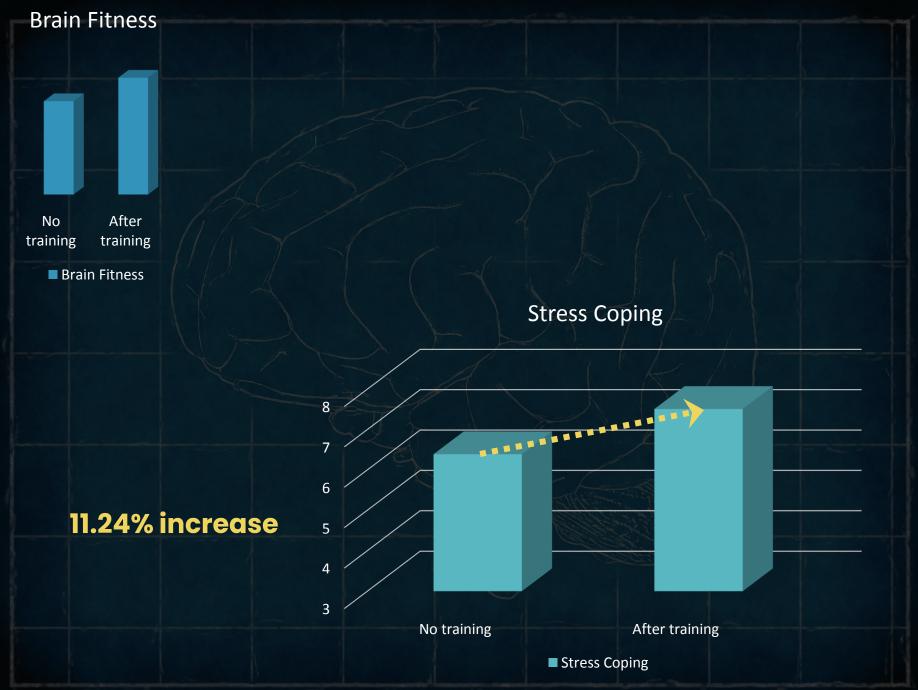
Body and mind intervention training for students

The significance of a statistical comparison is indicated with a

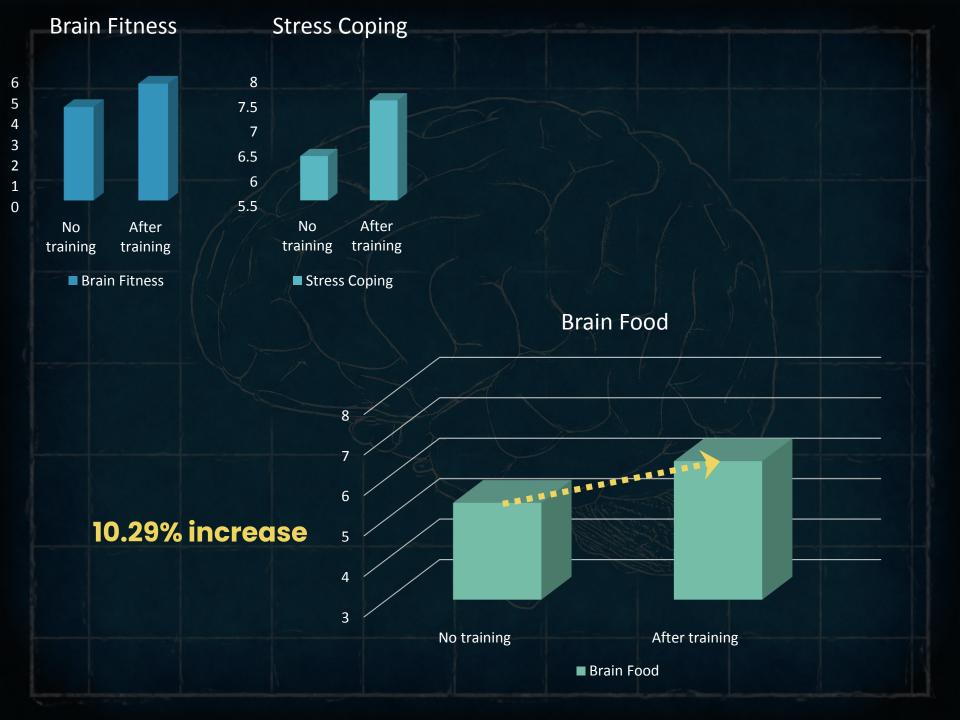
A p-value smaller than 0.05 (p<0.05) indicates a statistically significant difference (marked with *)

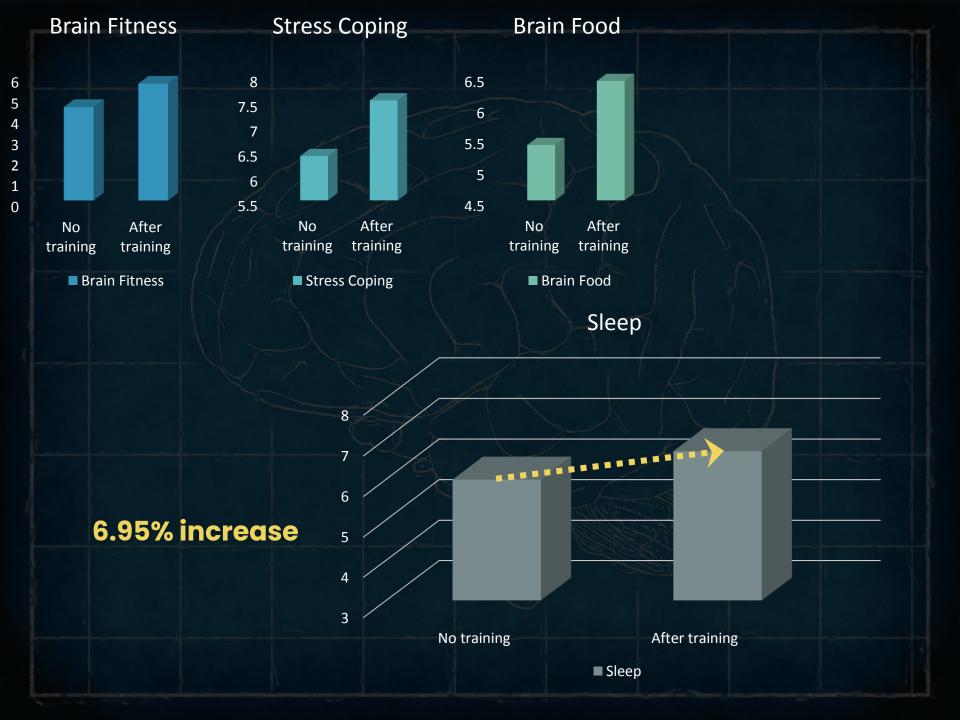
This means that there is a less than 5% chance that the difference is due to chance or random effects

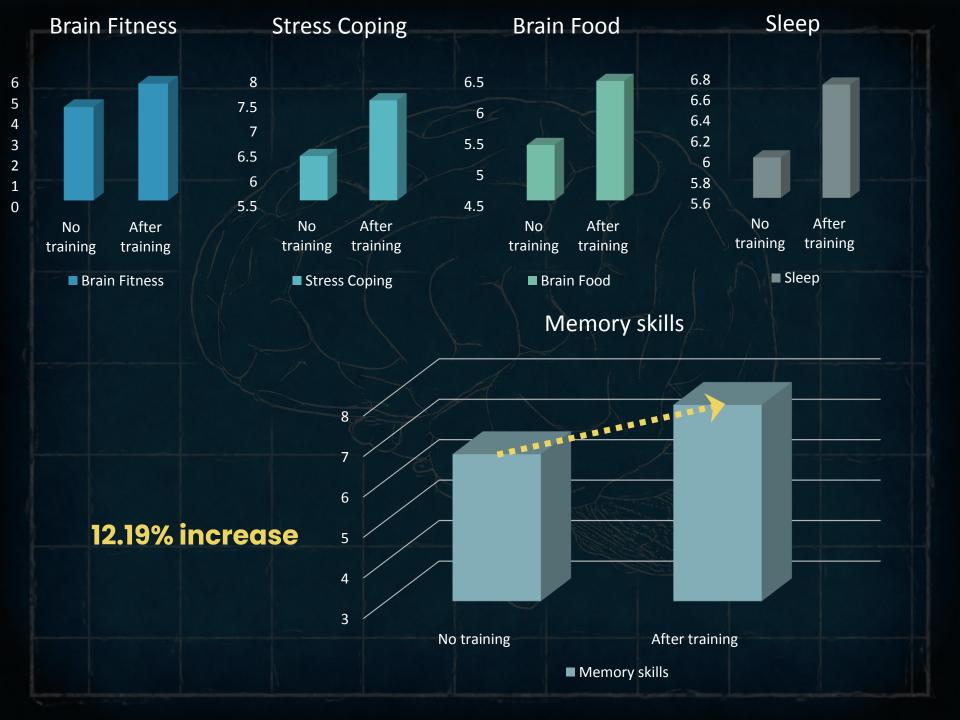


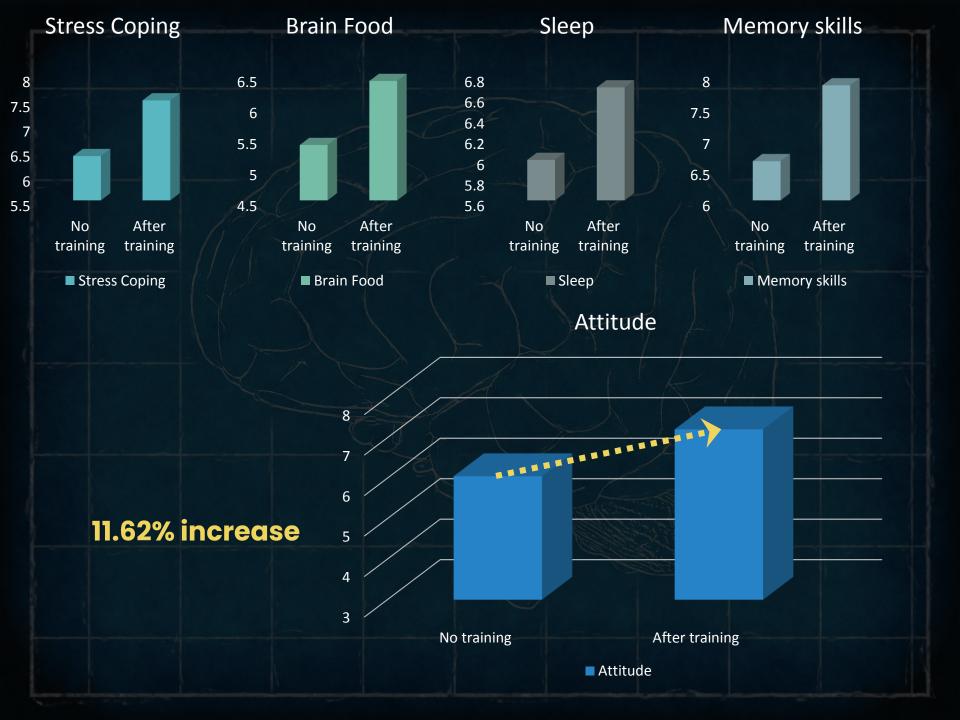


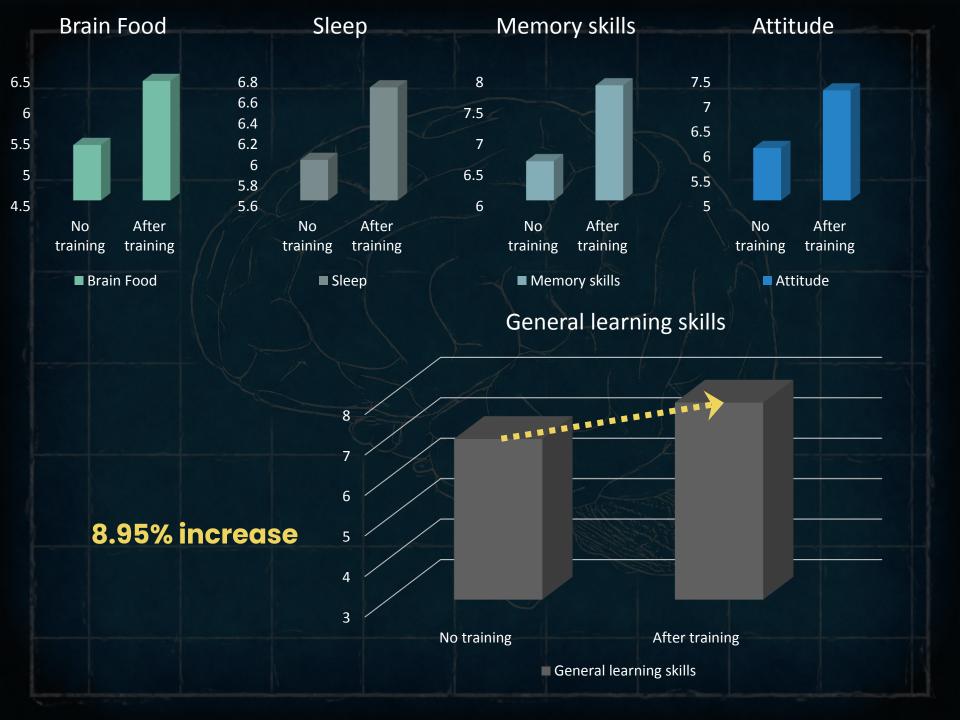
A ABITA AND

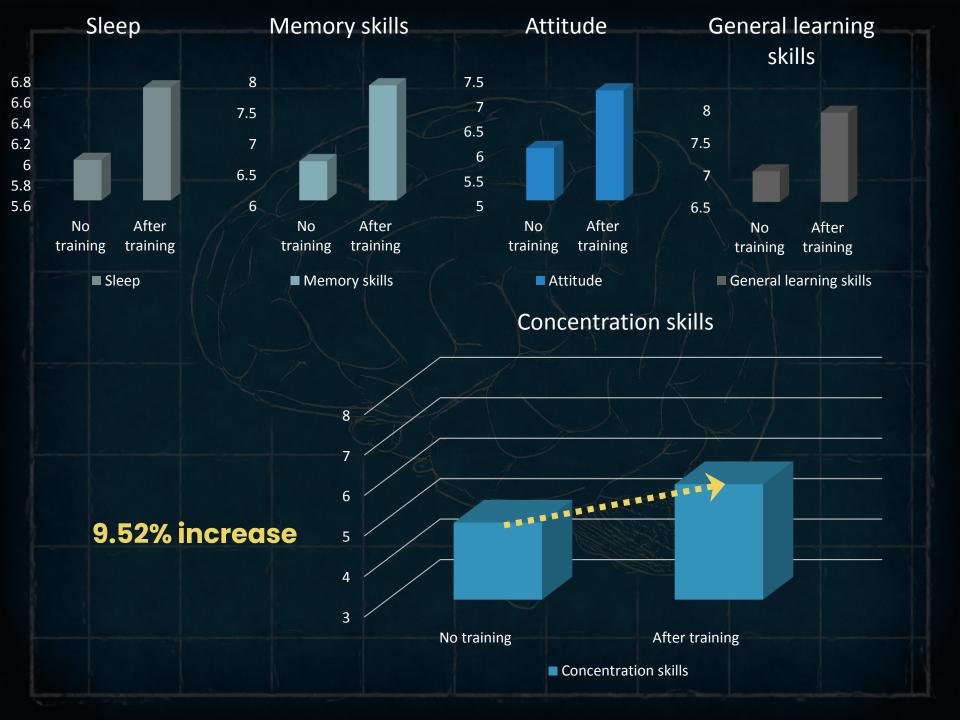


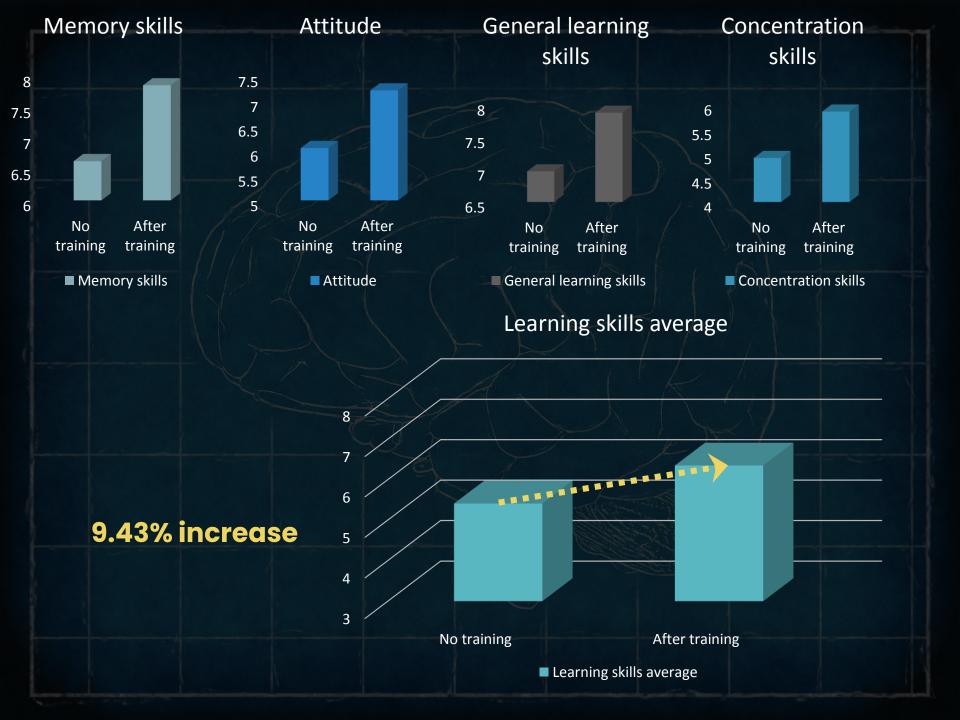


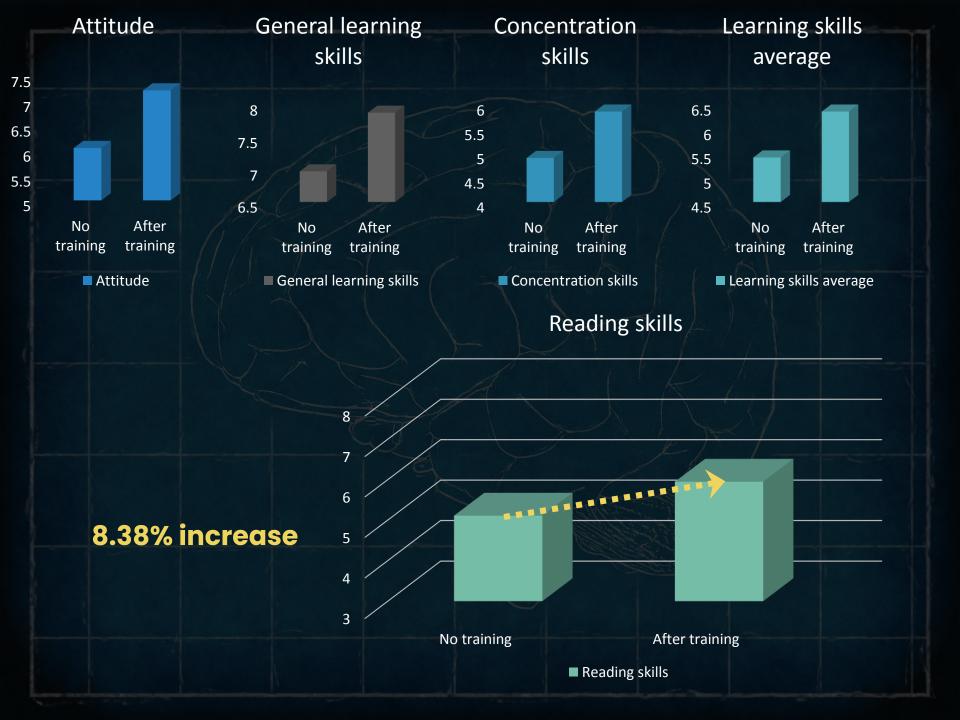


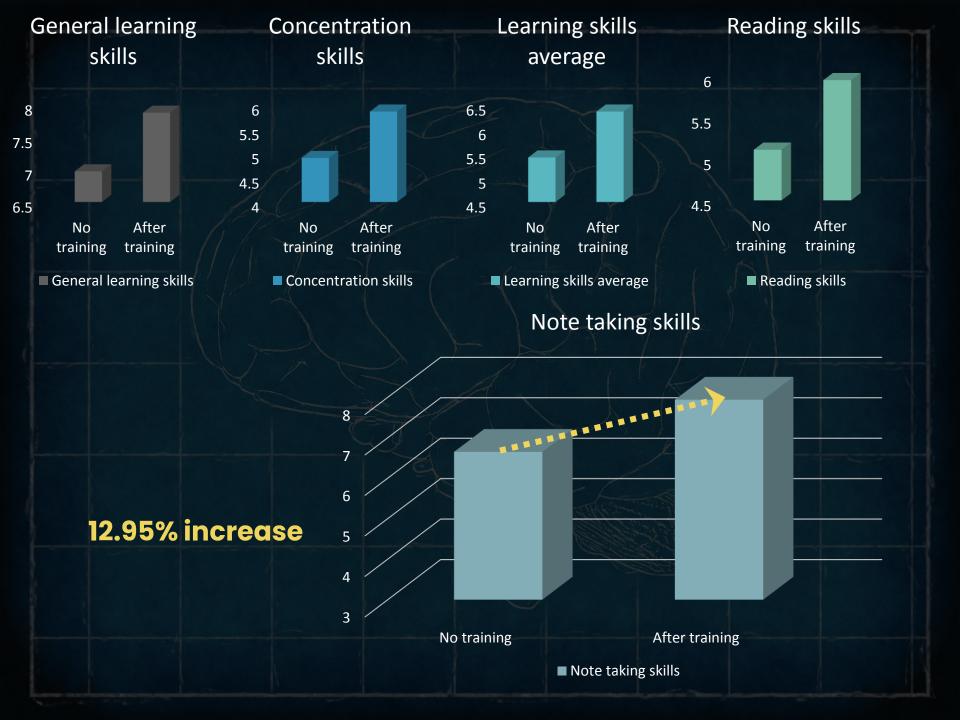


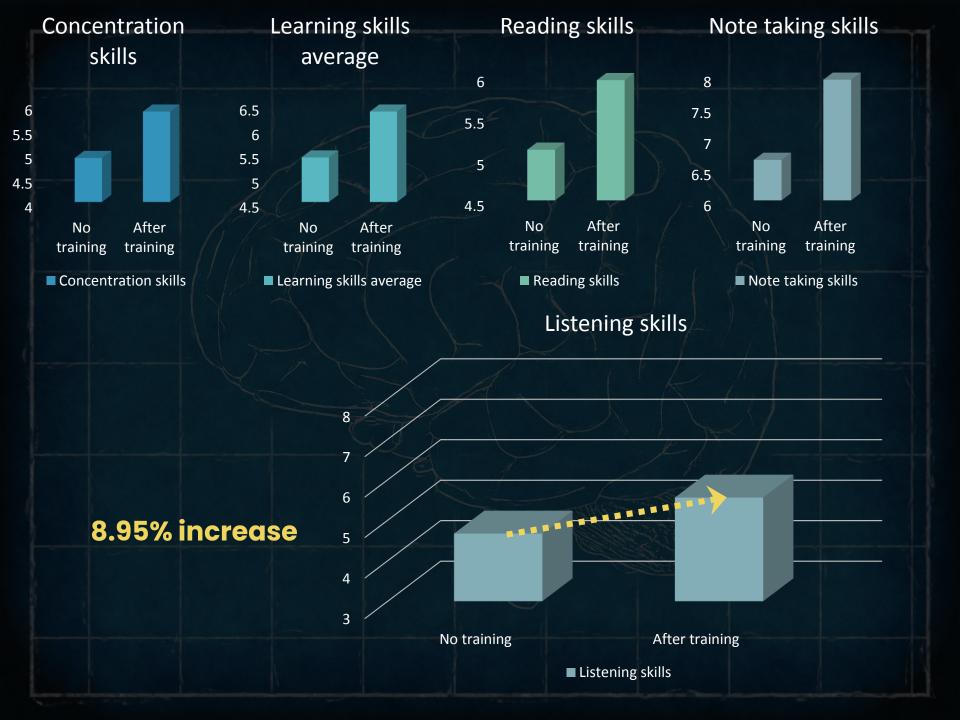












Training group: (Intervention)

96.2% pass rate ***** Final mark of 69% (± 8.5%)

P=0.001

No training group: 91.3% pass rate (control) Final mark of 65% (± 9.1%)

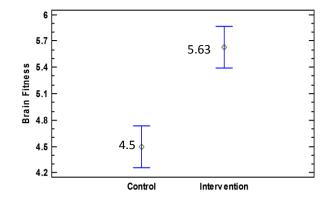


Analysis of Variance (Type III Sums of Squares) for:

Brain Fitness

11.33% increase

Stress Coping 11.24% increase



Sum of

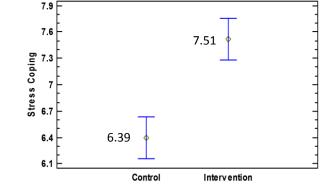
Squares

67.43

Covariates/

Main effect

Treatment



P-value

*0.007

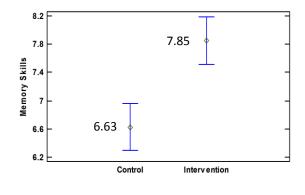
F-Ratio	P-value		Covariates/ Main effect	Sum of Squares	F-Ratio
22.94	* 0.004		Treatment	66.30	21.64





Memory Skills

12.19% increase



Covariates/ Main effect	Sum of Squares	F-Ratio	P-value
Treatment	78.02	13.17	* 0.004

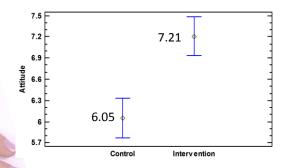


Attitude

11.62% increase

General Learning Skills

8.95% increase



Sum of

Squares

70.88

F-Ratio

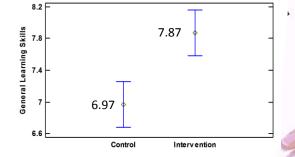
16.79

* 0.001

Covariates/

Main effect

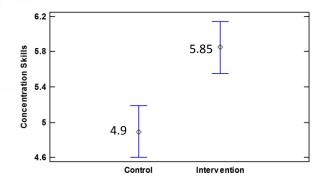
Treatment



P-value	Covariates/ Main effect	Sum of Squares	F-Ratio	P-value
k 0.001	Treatment	42.08	9.40	* 0.0025

Concentration Skills

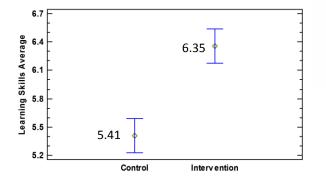
9.52% increase



Covariates/ Main effect	Sum of Squares	F-Ratio	P-value
Treatment	47.62	10.35	* 0.0015

Learning Skills Average

9.43% increase



Covariates/ Main effect	Sum of Squares	F-Ratio	P-value
Treatment	46.67	26.57	* 0.005

Reading Skills

8.38% increase

Note Taking Skills 12.95% increase

Listening Skills 8.95% increase

