

Inverse relationship between education and amyloid burden in individuals with SCD plus and MCI

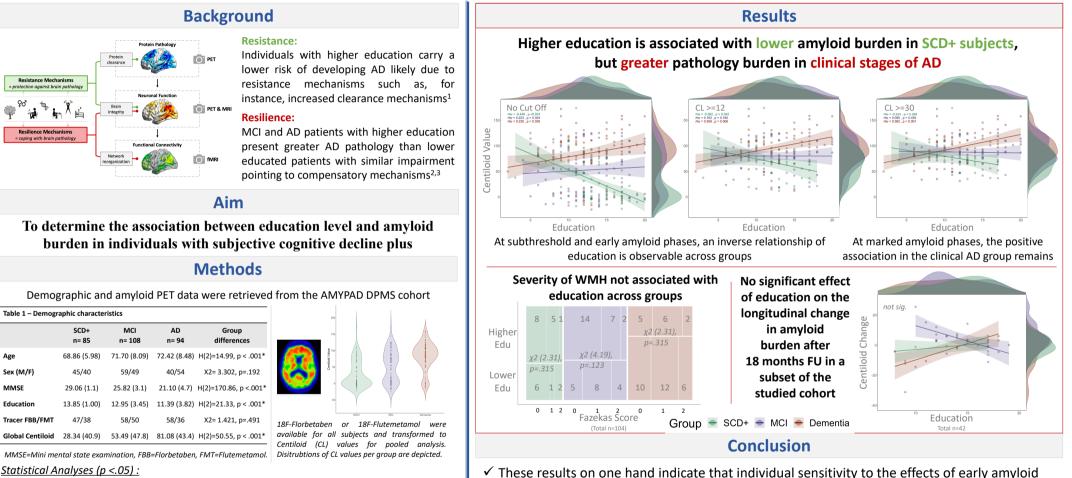


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Alzheimer's Disease
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Patient organisation

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References

accumulation on cognition may increase with higher education in potential preclinical stages

 \checkmark In contrast, higher education appears to support compensation to amyloid burden in early

clinical stages of the disease, which is in line with previous findings on resilience in AD

of AD (i.e. SCD+) and on the other hand point at resistance mechanisms

1. Hoenig et al., JAMA Network Open, 2020

Hoenig et al., Neurobiology of Aging, 2017
 Kemppanineni et al., Hippocampus, 2009

- Spearman correlation analyses were conducted between years of education and global centiloid (CL) value applying no CL cut-off, and cut-offs for early (CL>=12) and marked (CL>=30) amyloid phases
- 2) To account for non-AD pathology, Chi squared tests were conducted between Fazekas scores (i.e. severity of white matter hyperintensities) and educational groups (Md split)

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