

Table 2: Descriptive statistics of the ultrasound index of atherosclerosis (ATHUS) in relation to the Mini Mental State Examination (MMSE) and the Expanded Disability Status Scale (EDSS) in the 105 multiple sclerosis patients. ATHUS ≥ 1 is associated with lower values of MMSE and higher values of EDSS.

| | | | MMSE | EDSS |
|--------------------|-------------------|--------|--------------|--------------|
| p | | | 0.004 | 0.001 |
| ATHUS score | normal =0 | Mean | 28.05 | 3.98 |
| | | SD | 2.33 | 2.39 |
| | | Median | 29 | 4 |
| | | IQR | 4 | 4 |
| ATHUS score | abnormal ≥ 1 | Mean | 24.82 | 6.068 |
| | | SD | 3.91 | 1.65 |
| | | Median | 25 | 6 |
| | | IQR | 5 | 2.5 |

SD: standard deviation, IQR: interquartile range, EDSS: Expanded Disability Status Scale, MMSE: Mini Mental State Examination, ATHUS: atherosclerotic ultrasonic score. Mann Whitney test show statistical significance between the groups with MMSE and EDSS variables. A p-value <0.05 was considered significant.