Supplemental Digital Content 3

Regression analysis for assessing the correlation of MRI-PDFF (dependent variable) with ATI, adjusted for gender, age, BMI, liver stiffness and skin-to-liver capsule distance.

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| --- | --- | --- | --- | --- | --- |
| Variable | Coefficient | Standard error | t | P | 95% CI |
| ATI | 49.31 | 3.74 | 13.18 | 0.000 | 41.90, 56.72 |
| Gender | -1.68 | 0.89 | -1.89 | 0.061 | -3.45, 0.08 |
| Age | -0.05 | 0.03 | -1.65 | 0.101 | -0.11, 0.01 |
| BMI | -0.04 | 0.12 | -0.37 | 0.711 | -0.27, 0.19 |
| Liver stiffness | 0.18 | 0.13 | 1.39 | 0.168 | -0.077, 0.44 |
| Skin-to-liver capsule distance | 0.22 | 0.11 | 2.03 | 0.044 | 0.06, 0.43 |

MRI-PDFF: Magnetic Resonance Imaging - Proton Density Fatty Fraction; ATI: ATtenuation Imaging; BMI: Body Mass Index; CI: Confidence Interval; Coefficient: mean variation of the dependent variable for each unit of the independent variable; t: student t test adjusted; P: probability of  type I error.