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.