Supplemental Digital Content 4

Regression analysis for assessing the correlation of MRI-PDFF (dependent variable) with CAP, 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 |
| CAP | 0.078  | 0.01  | 6.06 | 0.000  | 0.05, 0.10 |
| Gender | -1.69  | 1.25  | -1.36  | 0.177  | -4.16, 0.78 |
| Age | -0.023  | 0.04  | -0.56  | 0.578  | -0.10, 0.06 |
| BMI | 0.009  | 0.16  | 0.05  | 0.957  | -0.31, 0.32 |
| Liver stiffness | 0.16  | 0.18  | 0.87  | 0.385  | -0.20, 0.51 |
| Skin-to-liver capsule distance | 0.11  | 0.15  | 0.67  | 0.503  | -0.20, 0.40 |

MRI-PDFF: Magnetic Resonance Imaging - Proton Density Fatty Fraction; CAP: Controlled Attenuation Parameter; 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.