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.