



**Figure 2:** Graphical demonstration of correlation analysis of different groups of females and males in 2021 and 2022. **(A):** Graph between BMI value and absolute fat mass of the female old group in 2021, **(B):** Graph between BMI value and absolute fat mass of the female old group in 2022, **(C):** Graph between BMI value and absolute fat mass of female young group in 2021, **(D):** Graph between BMI value and absolute fat mass of female young group in 2022, **(E):** Graph between BMI value and absolute fat mass of the male old group in 2021, **(F):** Graph between BMI value and absolute fat mass of the male old group in 2022, **(G):** Graph between BMI value and absolute fat mass of male young group in 2021, **(H):** Graph between BMI value and absolute fat mass of male young group in 2022.