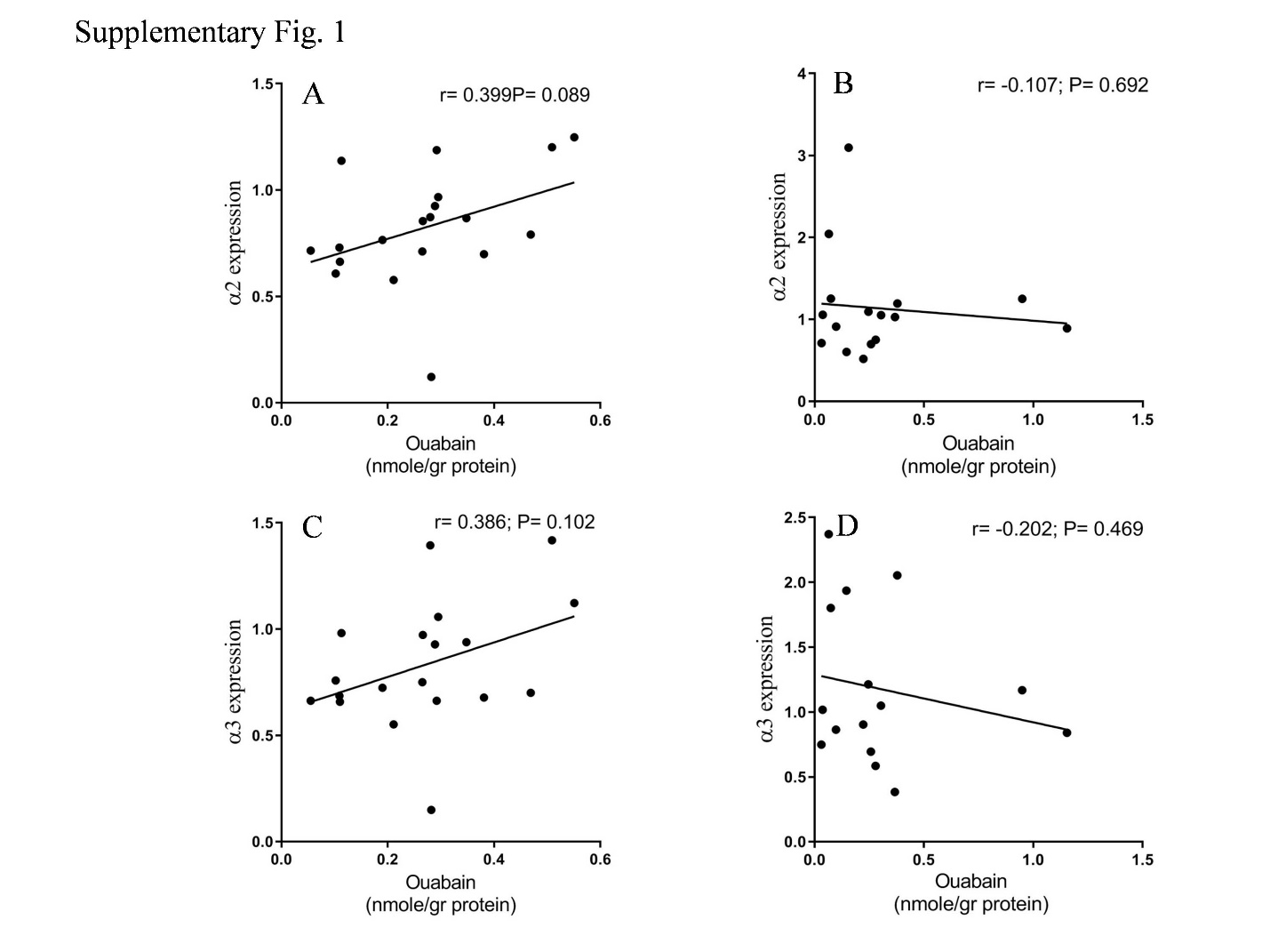
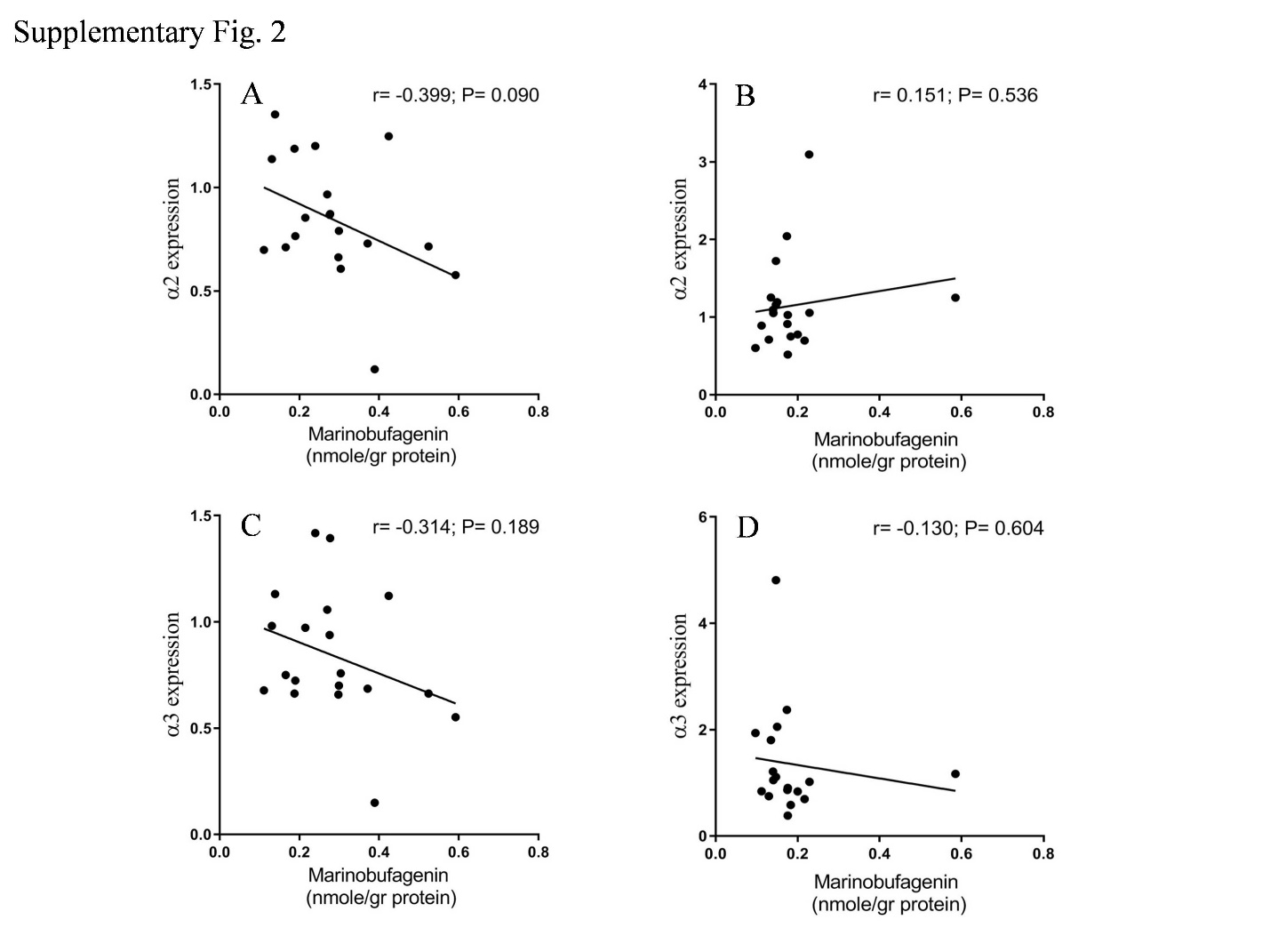
**Supplement 1**

**Figure 1.** *Correlations between 2 and 3 isoforms of the Na+, K+-ATPase and the levels of OUA in PFC of control and BD patients*



Values of 2 and 3 isoform of the Na+, K+-ATPaseexpression (Figure 1) and OUA (Figure 6) in control (A and C) and BD patients (B and D) were correlated. Pearson (r) and P value (two tailed), depicted in the graphs, were calculated using correlation analysis (GraphPad Prism v 8.3.1).

**Figure 2.** *Correlations between a2 and a3 isoforms of the Na+, K+-ATPase and the levels of MBG in PFC of control and BD patients.*



Values of 2 and 3 isoform of the Na+, K+-ATPaseexpression (Figure 1) and MBG (Figure 6) in control (A and C) and BD patients (B and D) were correlated. Pearson (r) and P value (two tailed), depicted in the graphs, were calculated using correlation analysis (GraphPad Prism v 8.3.1).