The Association between Peripheral Inflammation, Brain Glutamate and Antipsychotic Response in Schizophrenia: data from the STRATA collaboration

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Supplementary Material



Supplementary Figure 1: The association between peripheral cytokine levels and Glx levels in the ACC and Caudate.



Supplementary Figure 2: An overview of the study design and main results.

Supplementary Material

| Supplementary Table 1: Gix | | | | |
|----------------------------|--------------|-------------------|---------------------|----------------------------|
| GIx Levels | Total | Responders (R) | Non-responders (NR) | Test statistic |
| ACC | -0.01 (0.96) | -0.12 (1.07) | 0.11 (0.82) | F(1, 64) = 1.29, p = 0.259 |
| Caudate | -0.05 (1.00) | 0.08 (0.97) | -0.19 (1.03) | F(1, 61) = 1.09, p = 0.300 |

Note: Variables expressed as mean and standard deviation. 1H-MRS Glx concentration estimates are expressed as Z-scores. Analysis of variance was run to compare Glx levels between groups correcting for age and sex, as in Egerton et al. (2021).