**TABLE S1:** MANCOVA of 3 IRI scores in schizophrenia patients (SZ, n=145) and healthy controls (HC, n=145); factors: OXTR rs2254298 (GG vs. A carriers), gender and diagnosis, covariate: verbal IQ and educational years.

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | **OXTR s2254298** | **Diagnosis** | **Gender** | **OXTR s2254298 x Diagnosis** | **OXTR s2254298** **x****Gender** | **Diagnosis****x****Gender** | **Verbal IQ** | **Educ. years** |
| **MANCOVA F** [3,279] (Effect size) | **4.720\*\*** (pη2=0.048) | **18.899\*\*\***(pη2=0.169) | **5.862\*\*\***(pη2=0.059) | **4.676\*\*** (pη2=0.048) | 1.822(pη2=0.019) | 0.402 (pη2=0.004) | **2.797\*** (pη2=0.029) | 1.228(pη2=0.013) |
| Post hoc ANOVA F [1,281] |
| IRI 'perspective taking' (R2adj=0.061) | 3.270 | 2.819 | 0.878 | 0.225 | 1.159 | 0.012 | **7.861\*\*** | 1.176 |
| IRI 'empathic concern' (R2adj==0.070) | **14.114\*\*\*** | 2.022 | **9.456\*\*** | **7.164\*\*** | 1.118 | 0.799 | 2.862 | 0.420 |
| IRI 'personal distress' (R2adj==0.201) | 0.009 | **50.012\*\*\*** | **8.170\*\*** | **4.382\*** | 3.780 | 0.158 | 0.122 | 1.256 |
| Significant results are indicated in bold type (\*p<0.05, \*\*p<0.01, \*\*\*p<0.001). |