**Supplementary Table 1:** Significant predictors of negative symptoms at baseline, 6 months, and 12 months in individuals at clinical high risk for psychosis.

| | | Adjusted $R^2$ | predictor | beta | Uncorrected p | Corrected p |
|---|---|---|---|---|---|---|
| Baseline | N1 | 0.105 | CDSS | 0.364 | 0.037 | 0.044 |
| | N2 | 0.366 | CDSS | 0.484 | 0.004 | 0.01* |
| | N3 | | --- | | | |
| | N4 | 0.225 | Age | 0.499 | 0.003 | 0.008* |
| | N5 | 0.207 | IL-1RA | -0.409 | 0.016 | 0.025 |
| | | | IL-1beta | -0.382 | 0.024 | 0.033 |
| | N6 | 0.090 | CDSS | 0.344 | 0.05 | 0.05 |
| | N_total | 0.293 | CDSS | 0.561 | 0.001 | 0.003* |
| 6 Month | N1 | 0.605 | N1_BL | 0.579 | 0.000 | 0.000* |
| | | | CDSS_BL | 0.360 | 0.014 | 0.023 |
| | | | IL-8 | -0.319 | 0.018 | 0.027 |
| | N2 | 0.443 | N2_BL | 0.678 | 0.000 | 0.000* |
| | N3 | 0.392 | N3_BL | 0.641 | 0.000 | 0.000* |
| | N4 | 0.506 | N4_BL | 0.669 | 0.000 | 0.000* |
| | | | TNF | 0.336 | 0.012 | 0.022 |
| | | | IL-6 | -0.265 | 0.043 | 0.046 |
| | N5 | 0.395 | N5_BL | 0.547 | 0.000 | 0.000* |
| | | | IL-8 | -0.387 | 0.009 | 0.018 |
| | | | Race | 0.297 | 0.042 | 0.046 |
| | N6 | 0.405 | N6_BL | 0.629 | 0.000 | 0.000* |
| | | | Age | -0.537 | 0.005 | 0.011 |
| | | | IL-1beta | 0.341 | 0.041 | 0.046 |
| | N_total | 0.682 | N_total_BL | 0.966 | 0.000 | 0.000* |
| | | | CDSS_BL | -0.293 | 0.021 | 0.03 |
| 12 Months | N1 | 0.360 | N1_BL | 0.585 | 0.000 | 0.000* |
| | | | IFN-g | 0.395 | 0.016 | 0.025 |
| | N2 | 0.283 | IL-1beta | -0.442 | 0.008 | 0.017 |
| | | | N2_BL | 0.357 | 0.025 | 0.033 |
| | | | IL-10 | 0.349 | 0.043 | 0.046 |
| | | | IL-8 | -0.353 | 0.044 | 0.046 |
| | N3 | 0.477 | N3_BL | 0.702 | 0.000 | 0.000* |
| | N4 | 0.549 | N4_BL | 0.636 | 0.000 | 0.000* |
| | | | TNF | 0.418 | 0.002 | 0.006* |
| | | | IL-6 | -0.393 | 0.004 | 0.01* |
| | | | IL-10 | 0.287 | 0.032 | 0.04 |
| | N5 | 0.580 | N5_BL | 0.701 | 0.000 | 0.000* |
| | | | IL-4 | -0.257 | 0.034 | 0.042 |
| | N6 | 0.352 | N6_BL | 0.499 | 0.002 | 0.006* |
| | | | IL-10 | 0.446 | 0.012 | 0.022 |
| | | | IL-6 | -0.356 | 0.025 | 0.033 |
| | | | Sex | 0.328 | 0.045 | 0.046 |
| | N_total | 0.581 | N_total_BL | 0.886 | 0.000 | 0.000* |

| | | | CDSS_BL | -0.407 | 0.011 | 0.022 |
| | | | TNF | 0.313 | 0.013 | 0.022 |

N1: social isolation or withdrawal ; N2: avolition ; N3: decreased expression of emotion; N4: decreased experience of emotions and self; N5: decreased ideational richness; N6: deterioration in role functioning; N_total: Total Negative Symptoms Score; BL: Baseline; CDSS: Calgary Depression Scale for Schizophrenia; IL-1RA: interleukin 1 receptor antagonist; IL-1 beta: interleukin 1 beta; IL-8: interleukin 8; IFN-g: interferon gamma; IL-10: interleukin 10; TNF: tumor necrosis factor; IL-6: interleukin 6; IL-4: interleukin 4; *Beta* denotes the standardized score estimate.

*Corrected p value significant based on Benjamini Hochberg procedure for determination of significant (false discovery rate = 0.01).