

Supplementary Materials Table 3. Characterization of the clinical and demographic variables included in the SVR model.

Clinical Variable	SVR Weight Mean/Standard Error	Feature Selection Probability	Pearson Correlation with the label	Spearman Correlation with the label
<i>PANSS Delusions</i>	0/0	0.01	-0.06	-0.05
<i>PANSS Conceptual Disorganization</i>	0/0.01	0.01	-0.12	-0.07
<i>PANSS Hallucinatory Behavior</i>	0/0	0	0.04	0.01
<i>PANSS Excitement</i>	0/0.01	0.04	-0.11	-0.11
<i>PANSS Grandiosity</i>	0/0.03	0.24	-0.03	-0.21
<i>PANSS Suspiciousness/Persecution</i>	0/0.01	0.01	-0.04	-0.06
<i>PANSS Hostility</i>	0/0.01	0.01	0.11	0.06
<i>PANSS Blunted Affect</i>	0/0.04	0.32	0.2	0.22
<i>PANSS Emotional Withdrawal</i>	0.26/0.13	0.88	0.32	0.31
<i>PANSS Poor Rapport</i>	0/0.02	0.1	0.21	0.17
<i>PANSS Passive/Apathetic Social Withdrawal</i>	0/0.02	0.07	0.15	0.14
<i>PANSS Difficulty in Abstract Thinking</i>	-0.06/0.07	0.49	-0.24	-0.24
<i>PANSS Lack of Spontaneity and Flow of Conversation</i>	-0.01/0.07	0.04	0.06	0.11
<i>PANSS Stereotyped Thinking</i>	0.03/0.08	0.11	-0.01	-0.16
<i>PANSS Somatic Concern</i>	0/0.01	0.02	-0.04	-0.09
<i>PANSS Anxiety</i>	-0.01/0.04	0.18	-0.13	-0.18
<i>PANSS Guilt Feelings</i>	0/0.02	0.01	0.04	-0.04
<i>PANSS Tension</i>	-0.01/0.04	0.05	-0.04	-0.11
<i>PANSS Mannerisms and Posturing</i>	0/0.01	0.01	-0.06	-0.01
<i>PANSS Depression</i>	0/0.01	0	0.06	0.02
<i>PANSS Motor Retardation</i>	0/0.02	0.02	0.06	0.07
<i>PANSS Uncooperativeness</i>	0/0.03	0.02	0.05	0.07
<i>PANSS Unusual Thought Content</i>	0/0.02	0.06	-0.07	-0.13
<i>PANSS Disorientation</i>	-0.02/0.05	0.13	-0.18	-0.16
<i>PANSS Poor Attention</i>	0/0.02	0.04	0.18	0.11
<i>PANSS Lack of Judgment and Insight</i>	0/0.02	0.02	-0.1	-0.08
<i>PANSS Disturbance of Volition</i>	0/0	0.01	-0.04	-0.04
<i>PANSS Poor Impulse Control</i>	0/0.01	0.03	-0.11	-0.1
<i>PANSS Preoccupation</i>	0/0.02	0.01	-0.06	-0.06
<i>PANSS Active Social Avoidance</i>	0/0.03	0.06	0.11	0.11
<i>PANSS Positive Score</i>	0/0.03	0.06	-0.04	-0.12
<i>PANSS Negative Score</i>	-0.06/0.09	0.44	0.18	0.23
<i>PANSS General Score</i>	0/0.02	0.04	-0.03	-0.09
<i>PANSS Total Score</i>	0/0.01	0	0.03	-0.01
<i>Current Age</i>	-0.3/0.05	1	-0.51	-0.46
<i>Age at first psychiatric illness</i>	-0.23/0.08	1	-0.49	-0.41
<i>Age at first psychotic symptoms</i>	-0.13/0.1	0.94	-0.48	-0.34
<i>Age at first psychiatric hospitalization</i>	0.04/0.09	1	-0.4	-0.37
<i>Current medication dose OLZ equivalent</i>	0/0.01	0	0.05	0.03
<i>Current medication dose CPZ equivalent</i>	0/0.01	0.01	0.1	0.07