

Table S1. Correlations of neurophysiological parameters with the age and clinical characteristics of patients with BAD

| Parameter | Spectral power of the alpha band | AvCOH of the alpha rhythm | Activation reaction |
|---|---|----------------------------------|----------------------------|
| Age, years | R=-0.156 $p=0.294$ | R=-0.204 $p=0.154$ | R=-0.111 $p=0.294$ |
| Disease duration, years | R=-0.111 $p=0.453$ | R=0.096 $p=0.506$ | R=0.013 $p=0.895$ |
| Duration of the current episode, months | R=0.012 $p=0.933$ | R=0.088 $p=0.546$ | R=0.074 $p=0.659$ |
| Number of previous episodes | R=-0.026 $p=0.859$ | R=0.179 $p=0.211$ | R=0.009 $p=0.995$ |
| Total HDRS-17 score | R=-0.129 $p=0.385$ | R=-0.171 $p=0.117$ | R=-0.122 $p=0.123$ |