**Supplementary Table 2.** Clinical features of a sample of 606 patients treated for major depressive disorder according to treatment response after more than 6 weeks.

| Clinical variables                        | SSRIs-R (n=302) | SSRIs-NR (n=304) | \(\chi^2/t\) | P value |
|-------------------------------------------|-----------------|------------------|--------------|---------|
| Gender, Female, %                         | 166 (0.55)      | 183 (0.61)       | 1.687        | 0.193   |
| Age, years: mean±sd                       | 39.50±13.79     | 38.85±13.14      | 0.609        | 0.605   |
| Marital status, %                         | 220 (0.73)      | 231 (0.76)       | 0.784        | 0.376   |
| Educational level, %                      | 189 (0.63)      | 178 (0.59)       | 1.030        | 0.310   |
| Professional activity, %                  | 185 (0.61)      | 179 (0.59)       | 0.357        | 0.550   |
| Personality, Introversion, %              | 208 (0.69)      | 158 (0.61)       | 18.091       | 0.000   |
| Family history, yes, %                    | 69 (0.23)       | 62 (0.20)        | 0.538        | 0.463   |
| Depressed mood yes, %                     | 256 (0.85)      | 248 (0.82)       | 1.101        | 0.294   |
| Loss of interest yes, %                   | 250 (0.83)      | 247 (0.81)       | 0.241        | 0.624   |
| Weight loss, yes, %                       | 113 (0.37)      | 79 (0.26)        | 9.145        | 0.002   |
| Sleep disturbance, yes, %                 | 230 (0.76)      | 199 (0.65)       | 8.386        | 0.004   |
| Psychomotor retardation, yes, %           | 238 (0.79)      | 203 (0.67)       | 11.068       | 0.001   |
| Fatigue, yes, %                           | 212 (0.70)      | 221 (0.75)       | 0.464        | 0.496   |
| Negative thoughts, yes, %                 | 267 (0.88)      | 273 (0.90)       | 0.302        | 0.582   |
| Impaired attention, yes, %                | 203 (0.67)      | 202 (0.66)       | 0.041        | 0.840   |
| Suicidality, yes, %                       | 116 (0.38)      | 81 (0.27)        | 9.559        | 0.002   |
| Circadian rhythm, yes, %                  | 143 (0.47)      | 133 (0.44)       | 0.792        | 0.373   |
| Seasonal episodes, yes, %                 | 67 (0.22)       | 50 (0.16)        | 3.202        | 0.074   |
| Sexual dysfunction, yes, %                | 115 (0.38)      | 106 (0.35)       | 0.674        | 0.412   |
| Psychotic symptoms, yes, %                | 73 (0.24)       | 38 (0.16)        | 13.795       | 0.000   |
| Age of onset, years, mean±sd              | 32.37±12.41     | 34.29±12.60      | -2.114       | 0.048   |
| Frequency of episode, mean±sd             | 2.90±1.73       | 2.51±1.24        | 3248         | 0.031   |
| Duration, weeks, mean±sd                  | 18.12±8.51      | 16.52±8.16       | 2.357        | 0.014   |
| SSRIs average dose                        | 239 (0.79)      | 206 (0.68)       | 10.049       | 0.002   |
| First treatment response, yes, %          | 209 (0.69)      | 177 (0.58)       | 25.343       | 0.000   |
| Sedation effect, yes, %                   | 85 (0.28)       | 91 (0.30)        | 0.235        | 0.628   |
| Condition                        | Yes (%) | No (%) | Significance |
|---------------------------------|---------|--------|--------------|
| Common adverse reaction, yes, % | 115 (0.38) | 101 (0.33) | 1.557 | 0.212 |
| Rare adverse reaction, yes, %   | 9 (0.03) | 14 (0.05) | 1.096 | 0.295 |
| Residual symptom, yes, %        | 252 (0.83) | 222 (0.73) | 9.650 | 0.002 |
| Overdosage, yes, %              | 5 (0.02) | —      | —         |      |
| Combination antidepressants, %  | 69 (0.23) | —      | —         |      |