Supplementary Table 1. Differences of mean [Oxy-Hb] changes during LFT between violent SA group and non-violent SA group

|        | Violent SA (n = 10) | Non-violent SA (n = 13) | P Value | df |
|--------|---------------------|--------------------------|---------|----|
|        | Mean                | SD                       | Mean    | SD |
| ch01   | 0.002519            | 0.070187                 | 0.077151| 0.70*|
| ch02   | 0.015881            | 0.046937                 | 0.07714 | 0.077151| 0.28|
| ch03   | 0.027196            | 0.067978                 | 0.07714 | 0.30|
| ch04   | 0.008101            | 0.082848                 | 0.075326| 0.79|
| ch05   | -0.00464            | 0.090667                 | 0.010642| 0.97|
| ch06   | 0.022363            | 0.089926                 | 0.056859| 0.70|
| ch07   | 0.004323            | 0.089396                 | 0.117997| 0.21|
| ch08   | 0.000551            | 0.080348                 | 0.128818| 0.11|
| ch09   | 0.034389            | 0.096055                 | 0.140763| 0.64|
| ch10   | 0.030133            | 0.061389                 | 0.108643| 0.81|
| ch11   | 0.034074            | 0.072852                 | 0.095574| 0.70|
| ch12   | 0.043147            | 0.050902                 | 0.124444| 0.88|
| ch13   | 0.053919            | 0.07547                  | 0.079569| 0.58|
| ch14   | 0.055391            | 0.132839                 | 0.131701| 0.39|
| ch15   | -0.01148            | 0.110904                 | 0.112286| 0.95|
| ch16   | 0.010193            | 0.095201                 | 0.052751| 0.86|
| ch17   | 0.044842            | 0.103958                 | 0.07996 | 0.72|
| ch18   | 0.050647            | 0.112786                 | 0.135941| 0.62|
| ch19   | 0.051256            | 0.117231                 | 0.158182| 0.40|
| ch20   | 0.030309            | 0.139036                 | 0.106482| 0.96|
| ch21   | 0.054469            | 0.059277                 | 0.15474 | 0.79|
| ch22   | 0.018644            | 0.190954                 | 0.128367| 0.96|
| ch23   | 0.042381            | 0.145544                 | 0.168188| 0.29|
| ch24   | 0.072667            | 0.107305                 | 0.090103| 0.48|
| ch25   | 0.044016            | 0.085021                 | 0.104601| 0.88|
| ch26   | 0.009818            | 0.166034                 | 0.111402| 0.77|
| ch27   | 0.062724            | 0.108351                 | 0.088963| 0.27|
| ch28   | 0.048358            | 0.130459                 | 0.126655| 0.99|
| ch29   | 0.028473            | 0.191148                 | 0.112532| 0.52|
| ch30   | 0.01925             | 0.284543                 | 0.146676| 0.72|
| ch31   | 0.029412            | 0.226174                 | 0.140927| 0.70|
| ch32   | 0.044326            | 0.207761                 | 0.125205| 0.87|
We divided the SA+ group into a violent SA group (hanging, jumping, drowning, and cutting with nerve injury) and non-violent SA group (other methods).

* We took t-test.

**Abbreviation:** SA, Suicide attempt

|   |        |        |        |        |        |
|---|--------|--------|--------|--------|--------|
| ch33 | 0.018891 | 0.243302 | 0.027301 | 0.172037 | 0.92   | 21     |
| ch34 | 0.116772 | 0.151287 | 0.063481 | 0.164792 | 0.43   | 21     |
| ch35 | 0.049   | 0.12574  | 0.057604 | 0.112031 | 0.86   | 21     |
| ch36 | -0.00152 | 0.218092 | 0.049951 | 0.09652  | 0.45   | 21     |
| ch37 | 0.066633 | 0.11375  | 0.097489 | 0.166818 | 0.64   | 19     |
| ch38 | 0.072816 | 0.218236 | 0.071912 | 0.150284 | 0.99   | 21     |
| ch39 | 0.080069 | 0.116569 | 0.072031 | 0.131254 | 0.88   | 21     |
| ch40 | 0.047252 | 0.237075 | 0.081578 | 0.102537 | 0.64   | 21     |
| ch41 | 0.079158 | 0.257623 | 0.055077 | 0.093359 | 0.77   | 20     |
| ch42 | 0.096108 | 0.146109 | 0.04367  | 0.138746 | 0.39   | 21     |
| ch43 | 0.006715 | 0.309455 | 0.038289 | 0.164855 | 0.76   | 21     |
| ch44 | 0.048545 | 0.314474 | 0.085633 | 0.209966 | 0.74   | 20     |
| ch45 | 0.081883 | 0.192482 | 0.111988 | 0.202956 | 0.73   | 20     |
| ch46 | 0.070707 | 0.207009 | 0.072228 | 0.136286 | 0.98   | 21     |
| ch47 | 0.093577 | 0.130484 | 0.053156 | 0.156199 | 0.53   | 20     |
| ch48 | 0.132915 | 0.154141 | 0.098906 | 0.176073 | 0.64   | 20     |
| ch49 | 0.097084 | 0.221117 | 0.0892   | 0.144145 | 0.92   | 21     |
| ch50 | 0.048711 | 0.228931 | 0.085632 | 0.139357 | 0.64   | 21     |
| ch51 | 0.071177 | 0.244389 | 0.103783 | 0.138119 | 0.69   | 21     |
| ch52 | 0.102399 | 0.230318 | 0.089326 | 0.113567 | 0.86   | 20     |