**Supplementary table 1. Correlation matrix**

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | PPE | BIAS | WB1 | WB\_C | TIPI\_O | TIPI\_E | STAIT | SSS | SOP | MODTAS | INT\_S | INT\_R | INT\_E | SET | SETTING | CL\_INT | THERA | DOSE | MEQ | CEQ | VE |
| PPE |  | .650.000654 | .208.000654 | -.226.000279 | .145.000654 | .120.002654 | -.182.000654 | -.164.000654 | .117.003654 | .182.000654 | .273.000652 | .008.836652 | -.093.017652 | .132.027284 | .125.035284 | -.035.559284 | -.031.559351 | .073.173351 | -.008.889351 | -.203.000351 | -.050.347351 |
| BIAS | .650.000654 |  | .279.000654 | -.146.014279 | .171.000654 | .203.000654 | -.236.000654 | -.099.011654 | .208.000654 | .215.000654 | .219.000652 | .094.016652 | -.093.018652 | .185.002.284 | .052.384284 | -.033.584284 | -.038.482351 | .125.019351 | .103.055351 | -.257.000351 | .049.359351 |
| WB1 | .208.000654 | .279.000654 |  | -.593.000279 | .286.000654 | .574.000654 | -.697.000654 | -.040.313654 | .100.010654 | .162.000654 | .250.000652 | .116.003652 | -.288.000652 | .231.000284 | .036.545284 | .004.940284 | .042.437351 | -.068.202351 | .135.012351 | -.192.000351 | .103.053351 |
| WB\_C | -.226.000279 | -.146.014279 | -.593.000279 |  | -.082.174279 | -.263.000279 | .426.000279 | .014.818279 | -.038.525279 | .015.798279 | -.091.130279 | -.036.549279 | .186.002279 | .005.952162 | .143.070162 | -.001.986162 | .014.827253 | .100.113253 | .106.091253 | -.019.763253 | .012.851253 |
| TIPI\_O | .145.000654 | .171.000654 | .286.000654 | -.082.174279 |  | .153.000654 | -.174.000654 | -.077.049654 | .169.000654 | .301.000654 | .190.000652 | -.003.944652 | -.011.770652 | .117.050284 | -.022.714284 | .114.055284 | .096.071351 | .035.517351 | .109.041351 | -.031.560351 | .063.241351 |
| TIPI\_E | .120.002654 | .203.000654 | .574.000654 | -.263.000279 | .153.000654 |  | -.707.000654 | -.153.000654 | .021.594654 | .020.611654 | .162.000652 | .111.004652 | -.319.000652 | .195.001284 | .027.650284 | -.089.136284 | .042.432351 | .021.701351 | .069.196351 | -.202.000351 | .080.133351 |
| STAIT | -.182.000654 | -.236.000654 | -.697.000654 | .426.000279 | -.174.000654 | -.707.000654 |  | .131.001654 | .003.937654 | -.033.403654 | -.170.000652 | -.116.003652 | .363.000652 | -.262.000284 | -.037.538284 | .214.000284 | .056.299351 | .026.628351 | -.039.469351 | .215.000351 | -.063.243351 |
| SSS | -.164.000654 | -.099.011654 | -.040.313654 | .014.818279 | -.077.049654 | -.153.000654 | .131.001654 |  | -.175.000654 | .144.000654 | .003.938652 | .174.000652 | .091.020652 | -.075.208284 | -.015.799284 | .002.978284 | -.027.611351 | -.047.383351 | .044.407351 | .119.025351 | -.036.505351 |
| SOP | .117.003654 | .208.000654 | .100.010654 | -.038.525279 | .169.000654 | .021.594654 | .003.937654 | -.175.000654 |  | .293.000654 | .123.002652 | -.040.308652 | .048.222652 | .067.258284 | .113.058284 | .102.086284 | .105.049351 | .064.228351 | .164.002351 | -.003.962351 | .115.031351 |
| MODTAS | .182.000654 | .215.000654 | .162.000654 | .015.798279 | .301.000654 | .020.611654 | -.033.403654 | .144.000654 | .293.000654 |  | .371.000652 | .019.634652 | .095.015652 | .095.112284 | .121.042284 | .123.039284 | .181.001351 | .002.973351 | .335.000351 | .082.124351 | .190.000351 |
| INT\_S | .273.000652 | .219.000652 | .250.000652 | -.091.130279 | .190.000652 | .162.000652 | -.170.000652 | .003.938652 | .123.002652 | .371.000652 |  | -.001.983652 | .000.990652 | .121.042284 | .039.515284 | .190.001284 | .310.000351 | .017.758351 | .281.000351 | .051.338351 | .080.136351 |
| INT\_R | .008.836652 | .094.016652 | .116.003652 | -.036.549279 | -.003.944652 | .111.004652 | -.116.003652 | .174.000652 | -.040.308652 | .019.634652 | -.001.983652 |  | -.001.986652 | .122.040284 | .074.212284 | -.232.000284 | -.353.000351 | .082.125351 | -.022.677351 | -.130.014351 | .016.764351 |
| INT\_E | -.093.017652 | -.093.018652 | -.288.000652 | .186.002279 | -.011.770652 | -.319.000652 | .363.000652 | .091.020652 | .048.222652 | .095.015652 | .000.990652 | -.001.986652 |  | -.093.118284 | .021.720284 | .252.000284 | .282.000351 | .043.425351 | .053.325351 | .084.114351 | -.034.521351 |
| SET | .132.027284 | .185.002284 | .231.000284 | .005.952162 | .117.050284 | .195.001284 | -.262.000284 | -.075.208284 | .067.258284 | .095.112284 | .121.042284 | .122.040284 | -.093.118284 |  | -.052.357319 | -.061.278319 | -.033.630213 | .061.373213 | .070.310213 | -.332.000213 | -.053.441213 |
| SETTING | .125.035284 | .052.384284 | .036.545284 | .143.070162 | -.022.714284 | .027.650284 | -.037.538284 | -.015.799284 | .113.058284 | .121.042284 | .039.515284 | .074.212284 | .021.720284 | -.052.357319 |  | -.002.973319 | -.055.424213 | .104.131213 | .019.780213 | -.117.090213 | .027.695213 |
| CL\_INT | -.035.559284 | -.033.584284 | .004.940284 | -.001.986162 | .114.055284 | -.089.136284 | .214.000284 | .002.978284 | .102.086284 | .123.039284 | .190.001284 | -.232.000284 | .252.000284 | -.061.278319 | -.002.973319 |  | .194.004213 | -.011.870213 | .221.001213 | .019.779213 | .133.052213 |
| THERA | -.031.559351 | -.038.482351 | .042.437351 | .014.827253 | .096.071351 | .042.432351 | .056.299351 | -.027.611351 | .105.049351 | .181.001351 | .310.000351 | -.353.000351 | .282.000351 | -.033.630213 | -.055.424213 | .194.004213 |  | .075.143379 | .197.000379 | .152.003379 | .078.129379 |
| DOSE | .073.173351 | .125.019351 | -.068.202351 | .100.113253 | .035.517351 | .021.701351 | .026.628351 | -.047.383351 | .064.228351 | .002.973351 | .017.758351 | .082.125351 | .043.425351 | .061.373213 | .104.131213 | -.011.870213 | .075.143379 |  | .290.000379 | .169.001379 | .369.000379 |
| MEQ | -.008.889351 | .103.055351 | .135.012351 | .106.091253 | .109.041351 | .069.196351 | -.039.469351 | .044.407351 | .164.002351 | .335.000351 | .281.000351 | -.022.677351 | .053.325351 | .070.310213 | .019.780213 | .221.001213 | .197.000379 | .290.000379 |  | .287.000379 | .600.000379 |
| CEQ | -.203.000351 | -.257.000351 | -.192.000351 | -.019.763253 | -.031.560351 | -.202.000351 | .215.000351 | .119.025351 | -.003.962351 | .082.124351 | .051.338351 | -.130.014351 | .084.114351 | -.332.000213 | -.117.090213 | .019.779213 | .152.003379 | .169.001379 | .287.000379 |  | .277.000379 |
| VE | -.050.347351 | .049.359351 | .103.053351 | .012.851253 | .063.241351 | .080.133351 | -.063.243351 | -.036.505351 | .115.031351 | .190.000351 | .080.136351 | .016.764351 | -.034.521351 | -.053.441213 | .027.695213 | .133.052213 | .078.129379 | .369.000379 | .600.000379 | .277.000379 |  |
|  | PPE | BIAS | WB1 | WB\_C | TIPI\_O | TIPI\_E | STAIT | SSS | SOP | MODTAS | INT\_S | INT\_R | INT\_E | SET | SETTING | INT | THERA | DOSE | MEQ | CEQ |  |

Each cell contains the Pearson correlation coefficient (*r*), the *p*-value and the sample size (N), respectively.

PPE: Previous psychedelic experience (i.e. number of lifetime uses of a psychedelic)

BIAS: The item: “*I am a highly experienced psychedelic drug user*”

WB1: WEMWBS scores at baseline

WB\_C: Change scores in well-being (i.e. WEMWBS scores two weeks after the psychedelic experience – WEMWBS scores at baseline)

TIPI\_O: Openness to experience (subscale from the Ten Item Personality Inventory)

TIPI\_E: Emotional stability (subscale from the Ten Item Personality Inventory)

STAIT: Trait anxiety

SSS: Suggestibility

SOP: Stubbornness

MODTAS: Absorption

INT\_S: ‘Spiritual connection’ (i.e. component underlying different intentions, found with the principle component analysis)

INT\_R: ‘Recreation’ (i.e. component underlying different intentions, found with the principle component analysis)

INT\_E: ‘Emotional’ (i.e. component underlying different intentions, found with the principle component analysis)

SET: ‘Set’ (i.e. component underlying set and setting, found with the principle component analysis)

SETTING: ‘Setting’ (i.e. component underlying set and setting, found with the principle component analysis)

CL\_INT: ‘Clear intentions’ (i.e. component underlying set and setting, found with the principle component analysis)

THERA: Being in a therapeutic environment

DOSE: Drug dose

MEQ: Total score of the Mystical Experience Questionnaire

CEQ: Total score of the Challenging Experience Questionnaire

VE: Score of Visual effects, constructed from the elementary imagery, complex imagery and audio-visual synaesthesia subscales from the OAV.