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| **Supplementary Material Table 1.** Level of agreement between patients (WAI-S-P total and subscales) and therapists (WAI-S-T total and subscales) at T2, T3 and T4, for ICOnnecta’t (*n* = 95) and PTAU (*n* = 74) groups |
|  | Difference[95%CI] | *p* | Cohen’s *d*[95%CI] | ICC[95%CI] | *p* |
| **T2**  |  |  |  |  |  |
| ICOnnecta’t |  |  |  |  |  |
| Total | -3.03 [-7, 1] | .137 | 0.2 [-.07, .47] | .09 [-.112, .285] | .192 |
| Goals | -0.49 [-1.9, 1] | .499 | 0.09 [-0.17, 0.35] | .155 [-.047, .344] | .066 |
| Tasks | -1.89 [-3.4, -0.4] | .013\* | 0.36 [0.07, 0.65] | -.006 [-.205, .195] | .521 |
| Bond | -0.87 [-2.3, 0.6] | .227 | 0.18 [-0.11, 0.46] | .001 [-.199, .201] | .498 |
| PTAU |  |  |  |  |  |
| Total | -1.96 [-5.2, 1.2] | .227 | 0.18 [-.12, .48] | .152 [-.077, .366] | .096 |
| Goals | 1.04 [-0.1, 2.1] | .064 | -0.27 [-0.56, 0.02] | .187 [-.041, .396] | .054 |
| Tasks | -1.7 [-2.9, -0.5] | .008\* | 0.41 [0.1, 0.72] | .113 [-.117, .331] | .167 |
| Bond | -1.3 [-2.6, 0 | .053 | 0.35 [-0.01, 0.7 | -.14 [-.355, .089] | .886 |
| **T3**  |  |  |
| ICOnnecta’t |  |  |  |  |  |
| Total | -.67 [-4.2, 2.9] | .705 | 0.05 [-.2, .3] | .205 [.00, .389] | .022\* |
| Goals | 0.36 [-0.9, 1.6] | .581 | -0.07 [-0.33, 0.18] | .189 [-.012, .375] | .032\* |
| Tasks | -0.6 [-1.9, 0.7] | .345 | 0.13 [-0.14, 0.39 | .145 [-.056, .336] | .078 |
| Bond | -0.19 [-1.4, 1] | .752 | 0.04 [-0.21, 0.29 | .216 [.017, .399] | .017\* |
| PTAU |  |  |  |  |  |
| Total | -2.88 [-6, 0.3] | .074 | 0.32 [-.04, .68] | -.165 [-.377, .064] | .922 |
| Goals | -0.32 [-1.5, 0.9] | .586 | 0.1 [-0.26, 0.45 | -.179 [-.39, .049] | .938 |
| Tasks | -1.16 [-2.4, 0] | .057 | 0.34 [-0.02, 0.7 | -.149 [-.363, .08] | .9 |
| Bond | -1.85 [-3.1, -0.6] | .004\* | 0.54 [0.16, 0.91] | -.196 [-.404, .032] | .954 |
| **T4**  |  |  |
| ICOnnecta’t |  |  |  |  |  |
| Total | -4.54 [-8.8, -.3] | .037\* | 0.27 [.01, .53] | .148 [-.054, .338] | .074 |
| Goals | -0.74 [-2.3, 0.8] | .348 | 0.13 [-0.14, 0.4] | .077 [-.125, .273] | .228 |
| Tasks | -1.35 [-2.7, 0] | .055 | 0.26 [-0.01, 0.53] | .12 [-.08, .314] | .118 |
| Bond | -1.58 [-3.1, 0] | .045\* | 0.27 [0, 0.53] | .13 [-.072, .322] | .103 |
| PTAU |  |  |  |  |  |
| Total | -5.64 [-9.3, -2] | .003\* | 0.43 [.14, .71] | .178 [-.05, .389] | .063 |
| Goals | -1.07 [-2.3, 0.2] | .098 | 0.25 [-0.05, 0.54] | .15 [-.079, .364] | .098 |
| Tasks | -2.09 [-3.5, -0.7] | .003\* | 0.43 [0.14, 0.73] | .158 [-.07, .372] | .086 |
| Bond | -2.41 [-3.8, -1.1] | <.001\* | 0.48 [0.2, 0.76] | .18 [-.049, .39] | .061 |
| CI = confidence interval; ICC = intraclass correlation coefficient; WAI-S-P = Working Alliance Inventory Short Form, patient version; WAI-S-T = Working Alliance Inventory Short Form, therapist version; T2 = 3 months since the inclusion; T3 = 6 months since the inclusion; T4 = 12 months since the inclusion and end-treatment. *\* p* < .05 |

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| **Supplementary Material Table 2.** Variables associated with the level of TA in ICOnnecta’t intervention for patients (WAI-S-P, *n* = 64) and for therapists (WAI-S-T, *n* = 64) |
|  | **Univariate** **regression model** | **Multivariate** **regression model** |
| Variables | Beta | [95%CI] | *p*  | Estimates | SE | [95%CI] | *p*  | Adjusted R2 |
| **Patients** | .287 |
| Age | .11 | [-.40, .63] | .7 |  |  |  |  |  |
| Patients’ SUS | .57 | [.29, .85] | <.001\* | .37 | .15 | [.07, .67] | .017\* |  |
| Patients’ satisfaction VAS | 5.2 | [2.9, 7.5] | <.001\* | 3.70 | 1.28 | [1.15, 6.26] | .005\* |  |
| Communication type |  |  |  |  |  |  |  |  |
|  | *Any communication* |  |  |  |  |  |  |  |  |
|  | *Unanswered asynchronous* | -12 | [-39, 15] | .4 |  |  |  |  |  |
|  | *Asynchronous* | -2.0 | [-26, 22] | .9 |  |  |  |  |  |
|  | *Mixed* | 5.8 | [-18, 30] | .6 |  |  |  |  |  |
| Communication amount | .17 | [-.01, .35] | .057 |  |  |  |  |  |
| **Therapists** | .421 |
| Age | .01 | [-.24, .27] | >.9 |  |  |  |  |  |
| Therapists’ SUS | -.19 | [-.69, .32] | .5 |  |  |  |  |  |
| Therapists’ satisfaction VAS | -7.1 | [-10, -3.8] | <.001\* | -5.98 | 1.46 | [-8.91, -3.05] | <.001\* |  |
| Communication type |  |  |  |  |  |  |  |  |
|  | *Any communication* |  |  |  |  |  |  |  |  |
|  | *Unanswered asynchronous* | -4.9 | [-17, 6.7] |  |  |  |  |  |  |
|  | *Asynchronous* | 7.9 | [-2.4, 18] |  |  |  |  |  |  |
|  | *Mixed* | 12 | [1.9, 22] | .022\* | 8.09 | 5.35 | [-2.61, 18.80] | .136 |  |
| Communication amount | .11 | [.02, .19] | .014\* | .03 | .04 | [-.06, .12] | .541 |  |
| CI = confidence interval; SE = standard error; SUS = System Usability Scale; Satisfaction VAS = satisfaction 0-10 visual analogue scale; Any communication = any messages were exchange and any video-consultation was conducted; Unanswered asynchronous = patients who received and read therapist text messages but never answered; Asynchronous = communication through text messages; Mixed = communication through video-consultation; Communication amount = sum of number of text messages exchanged and video-consultations conducted. *\* p* < .05 |