|  |  |  |
| --- | --- | --- |
|   | Type 1:( //) | Type 2: (//) |
|  | B1 | B2 | A1 | A2 | R1 | R2 | B1 | B2 | A1 | A2 | R1 | R2 |
| B1 |  |  | o/o/· |  |  |  |  |  | o/o/o | ·/ o/o | ·/o/o | ·/·/o |
| B2 |  |  | o/\*/· | ·/\*/· |  |  |  |  | · /o/o | o/o/o | ·/o/ o | ·/\*/ · |
| A1 | o/o/· | o/\*/· |  | o/·/· | o/\*/· | o/·/· | o/o/o | · /o/o |  | o/·/· | o/o/· | o/o/· |
| A2 |  | ·/\*/· | o/·/· |  |  |  | ·/ o/o | o/o/o | o/·/· |  |  |  |
| R1 |  |  | o/\*/· |  |  |  | ·/o/o | ·/o/ o | o/o/· |  |  |  |
| R2 |  |  | o/·/· |  |  |  | ·/·/o | ·/\*/ · | o/o/· |  |  |  |

**Supplemental Digital Content 4:** The significance of mean difference of **** and for the Type 1 and 2 groups across six sub-states.

The significance of mean difference between all pairs of substates (B1,B2,A1,A2,R1,R2) in the Type 1 and 2 groups (fig. 4 A and B). The symbols, “o”,“\*” and “·” indicate the *p*-values *p* < 0.01, *p* < 0.05 and *p* > 0.05, respectively, which are denoted in the order of , ****and in each cell. A blank cell indicates there is no significant difference in mean in the three indices. Repeated measures ANOVA and Tukey’s multiple comparison test were applied.