A Subscales, Items and Model Classes

| MULTI-30 Items | Model Classes           |
|----------------|-------------------------|
| φ              | No Code                 |
| 2, 6, 12, 14, 15 | Psychodynamic          |
| 5, 7, 18, 23   | Process-Experiential    |
| 25, 26, 27, 30 | Interpersonal           |
| 4, 21, 22      | Person-Centered         |
| 3, 11, 16, 17  | Common Factors          |
| 8, 9, 19       | Behavioral\textit{only} |
| 13, 20, 24     | Cognitive\textit{only}  |
| 28, 29         | Dialectical-Behavioral\textit{only} |
| 1, 10          | Cognitive-Behavioral\textit{shared} |

Table 1: Mapping between model classes and the MULTI-30 item codes. We use these classes for model training to facilitate flexibility in at a finer level. The author-defined model classes which are not part of the conventional MULTI subscale are highlighted.
| MULTI Subscales | MULTI-30 Items | Constituent Model Classes |
|-----------------|----------------|--------------------------|
| No Code         |                | No Code                  |
| Psychodynamic   | 2,6,12,14,15   | Psychodynamic            |
| Process-Experiential | 5,7,18,23     | Process-Experiential    |
| Interpersonal   | 25,26,27,30   | Interpersonal            |
| Person-Centered | 4,21,22       | Person-Centered          |
| Common Factors  | 3,11,16,17    | Common Factors           |
| Behavioral      | 8,9,19,1,10   | Behavioral <sub>only</sub>, Cognitive-Behavioral <sub>shared</sub> |
| Cognitive       | 13,20,24,1,10 | Cognitive <sub>only</sub>, Cognitive-Behavioral <sub>shared</sub> |
| Dialectical-Behavioral | 28,29,1,10,8,9,19 | Dialectical-Behavioral <sub>only</sub>, Cognitive-Behavioral <sub>shared</sub>, Behavioral <sub>only</sub> |

Table 2: The conventional subscales and their constituent MULTI-30 items are shown here. Note that the Behavioral, Cognitive and Dialectical-Behavioral subscales (highlighted) have overlapping items. The constituent model classes from Table 1 are shown. Note that all our evaluations are presented on the conventional MULTI sub-scales by aggregating performance on their constituent model classes. Beh.-Behavioral.