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| **Table 1. ADOPT Psychosocial, Behavioral and Environmental Predictors of Response** | **TIME POINT OBTAINED** |
| **Questionnaire to be Used** | **Time (mm:ss)** | **Construct Measured** | **0** | **13** | **26** | **52** | **78** |
| **Psychosocial** |  |  |  |  |  |  |  |
| PANAS-Modified for IMF (1, 2) | 01:35 | positive and negative affect | x | *x* | x | x | x |
| Perceived Stress Scale (PSS) (3-5) | 01:32 | perceived stress | x | *x* | x | x | x |
| PEMS (6, 7) | 01:33 | eating motives | x | *x* | x | x | x |
| Binge Eating Scale (BES)(8) | 03:21 | binge eating | x | *x* | x | x | x |
| RED (9) | 01:01 | reward based eating drive | x | *x* | x | x | x |
| Three Factor Eating Questionnaire (TFEQ R 18)(10)  | 1:32 | restrained eating, uncontrolled eating, emotional eating  | x | *x* | x | x | x |
| BREQ-3 (11, 12) | 01:17 | motivation for exercise | x | *x* | x | x | x |
| Grit (13) | <1:00 | perseverance and passion | x |  |  |  |  |
| TSRQ-Baseline (14) | 01:37 | motivation to start treatment | x |  |  |  |  |
| TSRQ-Follow-Up (14) | 01:00 | motivation to continue treatment |  | *x* | x | x | x |
| Mini-IPIP (15) | 01:26 | personality | x |  |  | x |  |
| BARSE (16) | 01:00 | exercise self-efficacy | x | *x* | x | x | x |
| WEL-SF (17) | 00:30 | diet self-efficacy | x | *x* | x | x | x |
| POMS (40-item) (18) | 00:40 | mood | x | *x* | x | x | x |
| RAND-36 (19, 20) | 02:30 | health-related quality of life | x |  | x | x | x |
| Life Events Questionnaire (LEQ) (21, 22) | 02:00 | stressful life events (past 6 mo) | x |  | x | x | x |
| Behavior Based Identity (23) | 01:00 | identity | x | *x* | x | x | x |
| Role/Group-Based Identity Congruence (23) | 07:00 | identity congruence | x | *x* | x | x | x |
| Emotion Regulation (23) | 02:00 | emotion regulation | x | *x* | x | x | x |
| Psychological Well-Being (23) | 05:00 | well-being | x | *x* | x | x | x |
| Attributional Style (23) | 08:00 | attribution of events | x | *x* | x | x | x |
| Implicit Theory (23) | 01:00 | beliefs about weight | x | *x* | x | x | x |
| Intervention Preference Baseline [study specific] | <1:00 | intervention preference | x |  |  |  |  |
| Intervention Preference Follow Up [study specific] | <1:00 | intervention preference |  | *x* | x | x | x |
| Body Perception Questionnaire-Short Form (BPQ) (24). | <1:00 | subjective body awareness and autonomic reactivity | x | x | x | x | x |
| Modified Yale Food Addiction Scale V2 (mYFAS) (25) | 2:00 | Additive-like eating behavior | x |  | x | x | x |
| Highly Processed Food Withdrawal Scale (ProWS)\*\*(26) | 3:00 | Processed food withdrawal\*  |  |  |  |  |  |
| Life History Questionnaire [study specific] | 2:30 | perceived SES, developmental history | x\* |  |  |  |  |
| Traumatic Antecedents Questionnaire (TAQ)(27)\* | 10:00 | History of past trauma | x\* |  |  |  |  |
| **Behavioral** |  |  |  |  |  |  |  |
| EARLY eating away from home Q (28) | 00:51 | frequency of eating away from home | x |  | x | x | x |
| EARLY SSB Consumption Q (28) | 00:32 | consumption of sugar-sweetened beverages | x |  | x | x | x |
| BRFSS Alcohol Consumption (29) | 01:13 | alcohol consumption | x |  | x | x | x |
| Global PAQ, with show cards (30, 31) | 03:09 | physical activity | x | *x* | x | x | x |
| Munich Chronotype Q (MCTQ) (32) | 04:30 | sleep | x | *x* | x | x | x |
| Marijuana Use (DFAW-CU) (33) | 04:05 | marijuana use | x |  |  |  |  |
| BRFSS Marijuana Use (34) | <1:00 | marijuana use |  |  | x | x | x |
| 12-Month Study Questionnaire [study specific] | 4:00 | end of intervention questionnaire |  |  |  | x |  |
| **Environmental** |  |  |  |  |  |  |  |
| NEWS-A (35, 36) | 04:38 | neighborhood walkability | x |  |  |  |  |
| Social Support for Healthy Behaviors (37) | 3:30 | perceived social support for healthy eating and PA  | x | x | x | x | x |
| **Estimated Time all Outcome Questionnaires at each Time Point (hr:min)** | 1:15 | 1:05 | 1:05 | 1:21 | 1:07 |
| **Task Based Measures of Executive Function (to be included within Psychosocial Domain)** |
| Computerized task based assessment  | ~20:00 | working memory  | x | x | x | x | x |
| Computerized task based assessment | ~20:00 | shifting | x | x | x | x | x |
| Computerized task based assessment | ~20:00 | inhibition | x | x | x | x | x |
| Computerized task based assessment | ~2:00 | delay discounting | x | *x* | x | x | x |
| UPPS+P scale(38) | ~2:00 | impulsivity | x |  |  |  |  |
| **Estimated Time for all Executive Function Measures at each Time Point (hr:min)** | 1:00 | 1:00 | 1:00 | 1:00 | 1:00 |

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