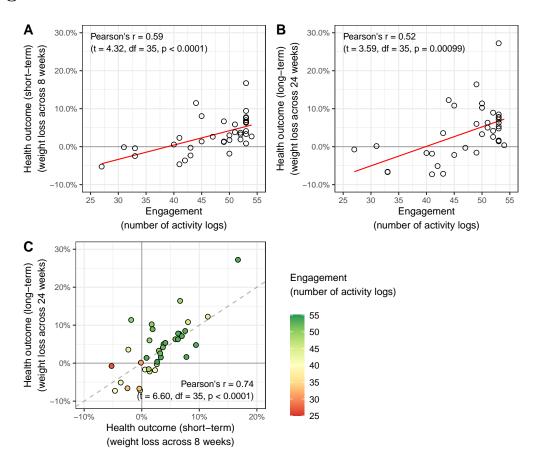
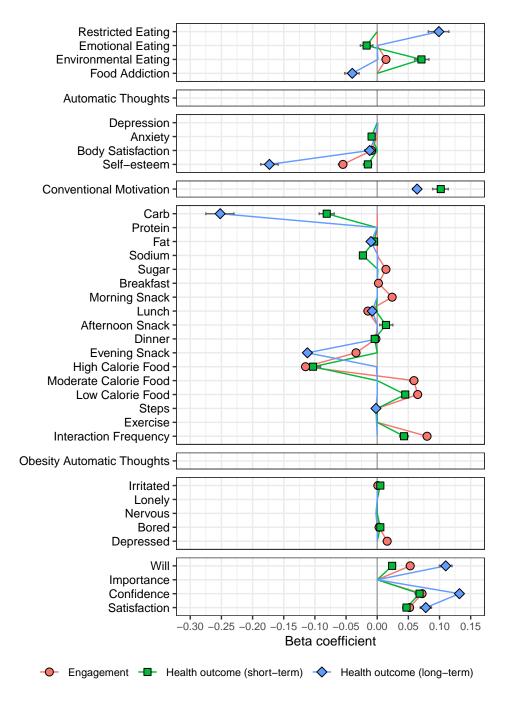
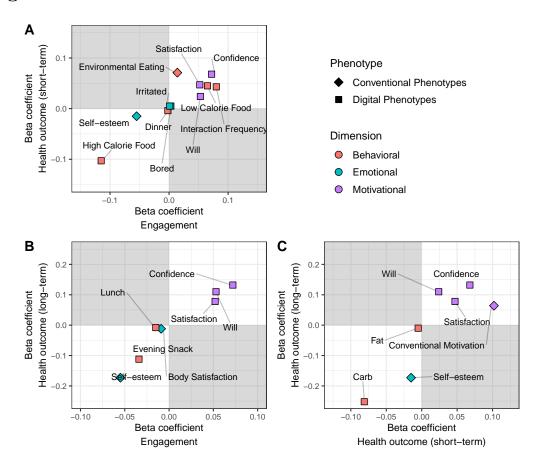
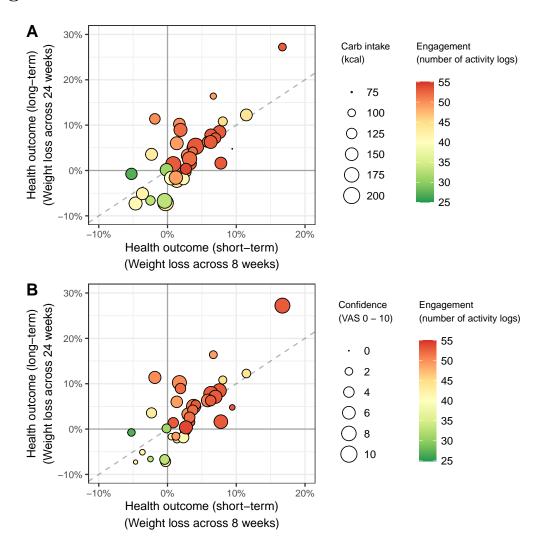
#### 1 Data



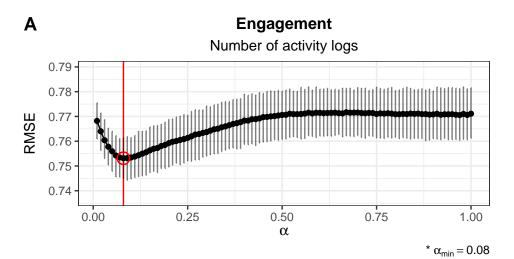
#### 3 Run analysis

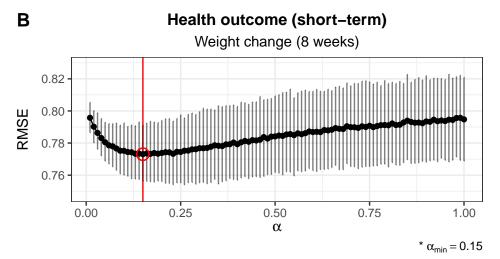


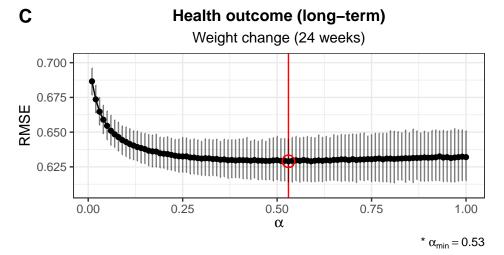




# 7 Figure S1







# 8 Table S1

category	category_sub	variable_name	mean	sd
Conventional Phenotypes Conventional Phenotypes Conventional Phenotypes Conventional Phenotypes Conventional Phenotypes	Behavioral Behavioral Behavioral Cognitive	Restricted Eating (DEBQ_RE) Emotional Eating (DEBQ_EM) Environmental Eating (DEBQ_ENV) Food Addiction (YFAS_total) Automatic Thoughts (ATQ30)	29.811 37.541 34.757 2.541 56.919	6.903 9.851 4.821 1.304 21.812
Conventional Phenotypes Conventional Phenotypes Conventional Phenotypes Conventional Phenotypes Conventional Phenotypes	Emotional Emotional Emotional Emotional Motivational	Depression (KBDI) Anxiety (TAI) Body Satisfaction (BSQ8C) Self-esteem (RSES) Conventional Motivation (SIMS)	13.216 47.919 35.838 19.649 75.973	8.035 10.026 7.297 5.149 5.885
Digital Phenotypes Digital Phenotypes Digital Phenotypes Digital Phenotypes Digital Phenotypes	Behavioral Behavioral Behavioral Behavioral	Carb Protein Fat Sodium Sugar	142.947 49.694 38.462 2190.524 39.470	26.490 10.596 9.365 585.947 11.424
Digital Phenotypes Digital Phenotypes Digital Phenotypes Digital Phenotypes Digital Phenotypes	Behavioral Behavioral Behavioral Behavioral	Breakfast Morning Snack Lunch Afternoon Snack Dinner	201.027 18.282 402.161 56.706 438.978	108.331 15.977 98.560 39.972 120.260
Digital Phenotypes Digital Phenotypes Digital Phenotypes Digital Phenotypes Digital Phenotypes	Behavioral Behavioral Behavioral Behavioral	Evening Snack High Calorie Food Moderate Calorie Food Low Calorie Food Steps	67.976 0.295 0.479 0.179 6485.001	56.610 0.087 0.063 0.088 2618.545
Digital Phenotypes Digital Phenotypes Digital Phenotypes Digital Phenotypes Digital Phenotypes	Behavioral Behavioral Cognitive Emotional Emotional	Exercise Interaction Frequency Obesity Automatic Thoughts Irritated Lonely	8.167 9.479 0.495 46.533 49.433	8.140 2.344 0.640 23.390 24.519
Digital Phenotypes Digital Phenotypes Digital Phenotypes Digital Phenotypes Digital Phenotypes	Emotional Emotional Emotional Motivational Motivational	Nervous Bored Depressed Will Importance	47.259 47.738 47.040 4.582 3.726	23.810 24.177 24.274 2.227 2.101
Digital Phenotypes Digital Phenotypes	Motivational Motivational	Confidence Satisfaction	4.115 4.458	2.196 2.399