

Additional File 3: Univariable Regression Models

The tables below provide the results of all univariable regression models. Each variable was entered into the regression independently alongside the outcome variable. These tables should be used ancillary to the main results table (Table 4) in the paper.

Model One (Completers vs. Non-Completers)

Variable	β - value	Bivariate Results			<i>p</i> -value
		OR	LBCI	UBCI	
Gender†	-0.079	0.924	0.799	1.068	0.28
Age	-0.015	0.985	0.960	1.011	0.26
Ethnicity†	0.150	1.162	0.962	1.402	0.12
IMD Score	0.005	1.005	1.000	1.010	0.03
Medical Condition†	0.078	1.081	0.821	1.424	0.58
BMI SDS	0.073	1.076	0.990	1.170	0.09
WC SDS	0.101	1.107	1.018	1.203	0.02
Obese or Non-obese †	0.065	1.067	0.903	1.261	0.45
Self-esteem	-0.039	0.962	0.893	1.036	0.30
Sedentary Behaviour	0.039	1.040	0.990	1.092	0.12
Body Satisfaction	-0.002	0.998	0.994	1.002	0.38
Programme Length†	0.011	1.011	0.873	1.172	0.88
Programme Year	0.122	1.130	1.071	1.192	0.00
Group Size†	0.230	1.259	1.087	1.457	0.00
Age Groups†	-0.013	0.987	0.864	0.853	1.14
Day of Session Delivery†	0.052	1.054	0.908	1.223	0.49
Delivery Period†					
January Intake		<i>Reference Category</i>			
April Intake	0.218	1.244	1.046	1.479	0.01
September Intake	0.075	1.078	0.904	1.287	0.40

†Categorical variables (dummy coded [0 or 1])

LBCI: Lower Boundary of the 95% Confidence Interval

UBCI: Upper Boundary of the 95% Confidence Interval

Model Two (Continuers vs. Initiators)

Variable	β - value	Bivariate Results			<i>p</i> -value
		OR	LBCI	UBCI	
Gender†	0.001	1.001	0.831	1.206	0.99
Age	0.010	1.010	0.977	1.044	0.56
Ethnicity†	-0.245	0.783	0.617	0.992	0.04
IMD Score	0.004	1.004	0.998	1.010	0.21
Medical Condition†	0.123	1.130	0.804	1.591	0.48
BMI SDS	0.070	1.073	0.962	1.196	0.21
WC SDS	0.090	1.094	0.979	1.222	0.11
Obese or Non-obese†	0.102	1.108	0.887	1.383	0.37
Self-esteem	0.014	1.014	0.928	1.109	0.75
Sedentary Behaviour	0.040	1.041	0.973	1.114	0.24
Body Satisfaction	-0.001	0.999	0.994	1.005	0.80
Programme Length†	0.051	1.052	0.870	1.272	0.60

Programme Year	0.133	1.143	1.065	1.226	0.00
Group Size†	0.282	1.326	1.101	1.598	0.00
Age Groups†	0.007	1.007	0.835	1.213	0.95
Day of Session Delivery†	0.043	1.044	0.863	1.264	0.66
Delivery Period†					
January Intake		<i>Reference Category</i>			
April Intake	0.216	1.242	0.996	1.548	0.05
September Intake	0.095	1.100	0.874	1.384	0.42

†Categorical variables (dummy coded [0 or 1])

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UBCI: Upper Boundary of the 95% Confidence Interval

Model Three (Completer vs. Late Dropout)

Variable	β - value	Bivariate Results			<i>p</i> -value
		OR	LBCI	UBCI	
Gender†	-0.066	0.936	0.745	1.175	0.57
Age	-0.016	0.985	0.944	1.026	0.47
Ethnicity†	-0.124	0.883	0.661	1.181	0.40
IMD Score	0.002	1.002	0.994	1.009	0.65
Medical Condition†	0.235	1.265	0.842	1.900	0.26
BMI SDS	0.155	1.168	1.017	1.341	0.03
WC SDS	0.196	1.216	1.060	1.395	0.01
Obese or Non-obese†	-0.018	0.982	0.756	1.276	0.89
Self-esteem	-0.061	0.941	0.840	1.053	0.29
Sedentary Behaviour	0.060	1.062	0.988	1.141	0.10
Body Satisfaction	0.001	1.001	0.994	1.008	0.77
Programme Length†	0.060	1.061	0.841	1.339	0.62
Programme Year	0.116	1.123	1.033	1.222	0.01
Group Size†	-0.032	0.969	0.768	1.222	0.79
Age Groups†	-0.042	0.959	0.762	1.205	0.72
Day of Session Delivery†	0.085	1.089	0.863	1.374	0.47
Delivery Period†					
January Intake		<i>Reference Category</i>			
April Intake	0.290	1.336	1.022	1.746	0.03
September Intake	0.039	1.040	0.784	1.380	0.79

†Categorical variables (dummy coded [0 or 1])

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UBCI: Upper Boundary of the 95% Confidence Interval

Model Four (Completer vs. Sporadic Attender)

Variable	β - value	Bivariate Results			<i>p</i> -value
		OR	LBCI	UBCI	
Gender†	-0.120	0.887	0.734	1.071	0.21
Age	-0.029	0.971	0.939	1.005	0.10
Ethnicity†	0.505	1.656	1.264	2.171	0.00
IMD Score	0.007	1.007	1.001	1.013	0.03
Medical Condition†	-0.089	0.915	0.630	1.329	0.64
BMI SDS	0.012	1.012	0.906	1.130	0.84

WC SDS	0.031	1.031	0.923	1.152	0.59
Obese or Non-obese†	0.067	1.069	0.859	1.330	0.55
Self-esteem	-0.049	0.952	0.868	1.044	0.29
Sedentary Behaviour	0.013	1.013	0.953	1.078	0.67
Body Satisfaction	-0.004	0.996	0.991	1.002	0.17
Programme Length†	-0.049	0.953	0.787	1.153	0.62
Programme Year	0.082	1.085	1.012	1.163	0.02
Group Size†	0.279	1.322	1.094	1.597	0.00
Age Groups†	-0.005	0.995	0.823	1.203	0.96
Day of Session Delivery†	0.024	1.024	0.843	1.243	0.81
Delivery Period†					
January Intake		<i>Reference Category</i>			
April Intake	0.109	1.115	0.890	1.398	0.35
September Intake	0.061	1.063	0.846	1.336	0.60

†Categorical variables (dummy coded [0 or 1])

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UBCI: Upper Boundary of the 95% Confidence Interval

Model Five (High vs. Low Sporadic Attender)

Variable	β - value	Bivariate Results			<i>p</i> -value
		OR	<i>LBCI</i>	<i>UBCI</i>	
Gender†	0.026	1.026	0.750	1.404	0.87
Age	-0.063	0.939	0.888	0.993	0.02
Ethnicity†	0.649	1.914	1.304	2.811	0.00
IMD Score	0.010	1.010	1.000	1.021	0.05
Medical Condition†	-0.004	0.996	0.531	1.867	0.99
BMI SDS	-0.226	0.789	0.668	0.952	0.01
WC SDS	-0.120	0.887	0.745	1.056	0.18
Obese or Non-obese†	0.550	1.733	1.212	2.479	0.00
Self-esteem	0.028	1.029	0.884	1.197	0.71
Sedentary Behaviour	0.062	1.064	0.962	1.178	0.23
Body Satisfaction	-0.002	0.998	0.990	1.007	0.70
Programme Length†	-1.089	0.336	0.242	0.467	0.00
Programme Year	0.207	1.230	1.089	1.389	0.00
Group Size†	0.537	1.711	1.247	2.346	0.00
Age Groups†	0.194	1.214	0.886	1.664	0.23
Day of Session Delivery†	-0.421	0.657	0.474	0.910	0.01
Delivery Period†					
January Intake		<i>Reference Category</i>			
April Intake	-0.313	0.731	0.502	1.066	0.10
September Intake	-0.286	0.751	0.513	1.100	0.14

†Categorical variables (dummy coded [0 or 1])

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