Supplementary File 8: Subgroup-specific effect estimates for primary health outcomes and test of interaction between subgroup variable and intervention status (Overall P value)

Supplementary Table 1: Age specific effect estimates for health outcomes

	Summar	ry statistics		Effect	estimates		Sa	mple size	Overall
	prevalen	inuous variables, ce of binary comes)	Rate ratio for	-	comes, mean di us outcomes	fference for			<i>P</i> value
	Control	Intervention	Unadjusted	P value	Adjusted	<i>P</i> value	Control	Intervention	_
	(95% CI)	(95% CI)	(95% CI)		(95% CI)				
Primary health outcomes									
Healthy eating – meeting five-a- day (fruit and vegetable portions) %									1.0
16-24 years	47.4	52.2	1.1	0.5	1.1	0.5	392	412	
	(39.3, 55.6)	(43.2, 61.2)	(0.8, 1.5)		(0.8, 1.5)				
25-34 years	58.5	58.1	1.0	0.9	1.0	1.0	475	466	
	(51.5, 65.5)	(52.3, 64.0)	(0.9, 1.2)		(0.9, 1.2)				
35-44 years	53.3	56.1	1.0	1.0	1.0	1.0	377	401	
	(46.3, 60.3)	(49.1, 63.2)	(0.8, 1.2)		(0.8, 1.2)				
45-54 years	53.0	53.9	1.1	0.6	1.1	0.5	281	256	
	(44.1, 61.9)	(46.4, 61.4)	(0.8, 1.4)		(0.8, 1.4)				

	Summar	y statistics		Effect	estimates		Sa	mple size	Overall <i>P</i>
	prevalen	inuous variables, ce of binary comes)	Rate ratio for	•	comes, mean di us outcomes	fference for			value
	Control (95% CI)	Intervention (95% CI)	Unadjusted (95% CI)	P value	Adjusted (95% CI)	<i>P</i> value	Control	Intervention	_
55-64 years	53.6 (43.8, 63.4)	63.6 (53.1, 74.2)	1.1 (0.9, 1.4)	0.4	1.1 (0.9, 1.3)	0.3	153	121	
65+years	53.7 (44.0, 63.5)	52.2. (43.2, 61.3)	1.0 (0.8, 1.4)	0.8	1.1 (0.8, 1.4)	0.7	147	136	
Physical activity – meeting 5x30 mins moderate intensity activity per week %									0.9
16-24 years	74.6 (66.6, 82.5)	75.9 (71.1, 80.7)	1.0 (0.9, 1.2)	0.5	1.0 (0.9, 1.2)	0.6	405	456	
25-34 years	67.2 (59.1, 75.3)	73.0 (66.5, 79.6)	1.1 (0.9, 1.3)	0.5	1.1 (0.9, 1.3)	0.5	488	482	
35-44 years	69.8 (61.4, 78.3)	69.8 (62., 76.8)	1.0 (0.8, 1.2)	0.9	1.0 (0.8, 1.1)	0.5	388	411	
45-54 years	65.5 (55.9, 75.1)	60.9 (51.8, 69.9)	1.0 (0.7, 1.3)	0.8	0.9 (0.7, 1.2)	0.7	287	271	

	Summar	y statistics		Effect	estimates		Sa	mple size	Overal
	prevalen	inuous variables, ce of binary comes)	Rate ratio for	•	comes, mean di us outcomes	fference for			<i>P</i> value
	Control (95% CI)	Intervention (95% CI)	Unadjusted (95% CI)	P value	Adjusted (95% CI)	P value	Control	Intervention	_
		· ·	· · ·						
55-64 years	58.3 (50.0, 67.1)	58.7 (48.4, 69.1)	1.0 (0.8, 1.3)	0.9	1.0 (0.8, 1.3)	1.0	156	126	
65+years	44.7	46.4	1.1	0.5	1.2	0.2	150	138	
	(31.3, 58.0)	(37.5, 55.2)	(0.8, 1.6)		(0.9, 1.6)				
ntal health									
Abnormal/borderline GHQ12 score %									0.9
16-24 years	4.2	5.3	1.0	1.0	1.1	0.7	405	452	
	(2.1, 6.3)	(2.4, 8.2)	(0.7, 1.3)		(0.6, 1.3)				
25-34 years	5.8	5.4	1.0	0.9	1.0	0.9	485	479	
	(4.0, 7.5)	(2.8, 8.1)	(0.7, 1.5)		(0.7, 1.3)				
35-44 years	6.0	6.8	1.1	0.7	1.0	1.0	384	410	
	(3.4, 8.6)	(4.0, 9.7)	(0.8, 1.6)		(0.6, 1.5)				
45-54 years	7.1	9.6	0.9	0.7	1.1	0.7	283	271	
•									

	(mean of cont prevalen	ry statistics cinuous variables, ace of binary comes)	Rate ratio for	r binary out	estimates comes, mean di us outcomes	fference for	Sa	Overal <i>P</i> value	
	Control (95% CI)	Intervention (95% CI)	Unadjusted (95% CI)	P value	Adjusted (95% CI)	P value	Control	Intervention	_
	(3.7, 10.4)	(6.1, 13.1)	(0.7, 1.2)		(0.8, 1.5)				
55-64 years	9.0	11.3	1.7	0.4	1.1	0.8	156	123	
	(3.3, 14.6)	(5.2, 17.6)	(1.0, 2.7)		(0.8, 1.5)				
65+years	8.2	11.7	0.8	0.8	0.4	0.3	147	137	
	(1.4, 14.9)	(5.5, 17.9)	(0.4, 1.5)		(0.2, 0.7)				
Warwick Edinburgh Mental Wellbeing Scale- mean score									0.3
16-24 years	61.0	59.8	-1.48	0.3	-1.96	0.06	399	435	
	(58.9, 63.1)	(57.5, 62.3)	(-4.31, 1.36)		(-4.07, 0.14)				
25-34 years	59.9	59.1	-0.93	0.6	-1.58	0.2	487	475	
	(57.8, 62.0)	(56.7, 61.6)	(-4.27, 2.41)		(-3.94, 0.78)				
35-44 years	59.8	58.5	-1.41	0.4	-1.24	0.3	385	405	
	(58.0, 61.7)	(56.4, 60.7)	(-4.62, 1.80)		(-3.94, 1.46)				

	(mean of conti prevalend	y statistics inuous variables, ce of binary comes)	Rate ratio for	binary out	estimates comes, mean diff us outcomes	erence for	Sa	Overall <i>P</i> value	
	Control (95% CI)	Intervention (95% CI)	Unadjusted (95% CI)	P value	Adjusted (95% CI)	P value	Control	Intervention	_
45-54 years	59.2 (57.3, 61.2)	57.4 (55.5, 59.2)	-1.81 (-4.49)	0.2	-1.95 (-4.34, 0.44)	0.09	281	265	
55-64 years	60.6 (57.8, 63.5)	57.5 (55.6, 59.4)	-3.68 (-6.96, -0.41)	0.03	-2.83 (-6.31, 0.65)	0.1	152	122	
65+years	60.4 (57.7, 63.1)	57.2 (54.6, 59.9)	-2.71 0.05 -2.16 0.1 (-5.43, 0.00) (-5.03, -0.71)				148	133	

Supplementary Table 2: Gender specific effect estimates for health outcomes

	Summar	y statistics		Effect	estimates		Sai	mple size	Overall
	prevalend	nuous variables, ce of binary omes)	Rate ratio fo		comes, mean di us outcomes	fference for			<i>P</i> value
	Control	Intervention	Unadjusted	<i>P</i> value	Adjusted	P value	Control	Intervention	
	(95% CI)	(95% CI)	(95% CI)		(95% CI)				
Primary health outcomes									
Healthy eating – meeting five-a- day (fruit and vegetable portions) %									0.9
Male	53.1	55.1	1.0	0.7	1.1	0.5	800	757	
	(46.5, 59.8)	(48.3, 61.9)	(0.9, 1.2)		(0.9, 1.2)				
Female	53.7	56.0	1.1	0.5	1.1	0.4	1025	1035	
	(47.5, 59.8)	(51.2, 60.9)	(0.9, 1.2)		(0.9, 1.2)				
Physical activity – meeting 5x30 mins moderate intensity activity per week %									0.9
Male	70.2	71.6	1.0	0.9	1.0	1.0	821	802	
	(63.3, 77.0)	(65.2, 77.9)	(0.9, 1.2)		(0.9, 1.2)				

	Summar	y statistics		Effect	estimates		Sa	mple size	Overal <i>P</i>
	prevalen	inuous variables, ce of binary comes)	Rate ratio for	•	comes, mean di us outcomes	fference for		value	
	Control	Intervention	Unadjusted	P value	Adjusted	P value	Control	Intervention	_
	(95% CI)	(95% CI)	(95% CI)		(95% CI)				
Female	63.7	66.0	1.1	0.5	1.0	0.8	1053	1082	
	(55.3, 72.2)	(60.9, 71.1)	(0.9, 1.3)		(0.9, 1.2)				
lental health									
Abnormal/borderline GHQ12 score %									0.5
Male	5.0	6.9	1.3	0.4	1.2	0.5	816	794	
	(3.1, 6.9)	(4.5, 9.4)	(0.8, 2.0)		(0.7, 1.9)				
Female	7.0	7.3	1.1	0.5	1.0	0.9	1044	1078	
	(4.9, 9.1)	(5.6, 9.1)	(0.8, 1.5)		(0.8, 1.3)				
Warwick Edinburgh Mental Wellbeing Scale- mean score									0.6
Male	60.4	59.3	-1.56	0.3	-1.87	0.1	809	782	
	(58.8, 62.1)	(57.1, 61.5)	(-4.42, 1.30)		(-4.28, 0.6)				
Female	59.9	58.2	-1.76	0.1	-1.81	0.08	1043	1053	

Summai	ry statistics		Effect	estimates		Sar	mple size	Overa
prevalen	inuous variables, ce of binary comes)	Rate ratio for	•	comes, mean diff us outcomes	erence for			<i>P</i> value
Control	Intervention	Unadjusted	P value	Adjusted	P value	Control	Intervention	_
(95% CI)	(95% CI)	(95% CI)		(95% CI)				
(57.9, 61.9)	(56.4, 59.9)	(-4.09, 0.57)		(-3.93, 0.30)				

Supplementary Table 3: Ethnicity specific effect estimates for health outcomes

	(mean of variables, p	cy statistics continuous prevalence of outcomes)		r binary ou	estimates tcomes, mean ous outcomes	difference	Sa	mple size	Overall <i>P</i> value
	Control	Intervention	Unadjusted	P value	Adjusted	P value	Control	Intervention	_
	(95% CI)	(95% CI)	(95% CI)		(95% CI)				
<u>Primary health outcomes</u>									
Healthy eating – meeting five-a-day (fruit and vegetable portions) %									0.9
White British	46.2	50.6	1.2	0.09	1.2	0.1	420	462	
	(36.3, 56.1)	(43.5, 57.8)	(1.0, 1.4)		(1.0, 1.4)				
White other	57.0	64.5	1.0	0.8	1.0	0.8	237	310	
	(45.5, 68.4)	(55.2, 73.8)	(0.8, 1.3)		(0.8, 1.3)				
Black Caribbean	50.7	48.9	1.0	0.8	0.9	0.5	203	186	
	(42.0, 59.5)	(40.8, 57.0)	(0.8, 1.2)		(0.8, 1.1)				
Black African	50.9	52.1	1.0	0.8	0.9	0.7	403	382	
	(41.6, 60.1)	(43.8, 60.4)	(0.7, 1.4)		(0.7, 1.3)				
Indian/Pakistani/Bangladeshi	62.8	59.6	1.1	0.3	1.2	0.3	363	208	
	(50.8, 74.9)	(51.5, 67.8)	(0.9, 1.4)		(0.9, 1.5)				

	mean of) variables, ہ	ry statistics continuous prevalence of putcomes)		r binary ou	estimates tcomes, mean ous outcomes	difference	Sa	Overall <i>P</i> value	
	Control (95% CI)	Intervention (95% CI)	Unadjusted (95% CI)	P value	Adjusted (95% CI)	P value	Control	Intervention	_
Other/Mixed	55.3 (46.5, 64.1)	61.1 (54.1, 68.1)	1.0 (0.8, 1.3)	0.8	1.0 (0.8, 1.3)	0.6	199	244	
Physical activity – meeting 5x30 mins moderate intensity activity per week %									0.8
White British	70.5 (63.5, 77.6)	67.1 (62.7, 71.6)	1.0 (0.9, 1.1)	0.9	1.0 (0.9, 1.1)	0.8	431	484	
White other	71.8 (64.3, 79.3)	38.2 (26.7, 49.6)	1.1 (0.9, 1.4)	0.4	1.1 (0.9, 1.4)	0.4	330	249	
Black Caribbean	69.3 (59.8, 78.7)	69.9 (60.2, 79.6)	1.0 (0.8, 1.2)	0.8	0.9 (0.7, 1.2)	0.5	205	196	
Black African	66.7 (57.8, 75.7)	70.8 (62.9, 78.7)	1.0 (0.8, 1.2)	0.9	1.0 (0.8, 1.2)	1.0	418	397	
Indian/Pakistani/Bangladeshi	55.4 (42.6, 68.2)	61.5 (51.4, 71.7)	1.1 (0.8, 1.5)	0.6	1.0 (0.8, 1.4)	0.8	368	221	

	(mean of variables, _l	ry statistics continuous prevalence of outcomes)		r binary ou	stimates tcomes, mean ous outcomes	difference	Saı	Overall <i>P</i> value	
	Control (95% CI)	Intervention (95% CI)	Unadjusted (95% CI)	P value	Adjusted (95% CI)	P value	Control	Intervention	_
Other/Mixed	65.0 (53.4, 76.7)	67.2 (58.2, 76.1)	1.1 (0.8, 1.5)	0.7	1.1 (0.8, 1.5)	0.7	203	256	
ental health									
Abnormal/borderline GHQ12 score %									0.4
White British	6.8 (3.3, 10.3)	10.0 (6.1, 13.9)	1.0 (0.6, 1.7)	0.9	1.2 (0.7, 1.8)	0.6	426	480	
White other	7.8 (3.9, 11.7)	6.1 (2.0, 10.2)	0.9 (0.6, 1.3)	0.8	1.0 (0.6, 1.5)	0.9	244	328	
Black Caribbean	7.8 (4.6, 11.0)	6.7 (2.9, 10.4)	1.0 (0.7, 1.5)	1.0	0.9 (0.6, 1.3)	0.7	205	195	
Black African	4.1 (1.6, 6.6)	3.5 (0.9, 6.2)	1.2 (0.8, 1.7)	0.7	1.1 (0.9, 1.4)	0.6	413	396	

	(mean of variables,	Summary statistics (mean of continuous variables, prevalence of binary outcomes)		r binary ou	estimates tcomes, mean o ous outcomes	difference	Sai	Overa <i>P</i> value	
	Control (95% CI)	Intervention (95% CI)	Unadjusted (95% CI)	P value	Adjusted (95% CI)	P value	Control Intervention	_	
Indian/Pakistani/Bangladeshi	4.3 (1.7, 6.9)	6.8 (2.4, 11.3)	4.6 (0.5, 41.3)	0.1	3.8 (2.6, 5.5)	0.05	369	219	
Other/Mixed	8.4 (5.0, 11.7)	9.4 (4.8, 14.1)	1.0 (0.8, 1.2)	0.9	1.4 (1.0, 2.0)	0.3	203	254	
Warwick Edinburgh Mental Wellbeing Scale- mean score									0.4
White British	59.3 (57.8, 60.7)	57.2 (55.4, 59.1)	-0.2 (-0.3, 0.01)	0.07	-2.4 (-4.5, -0.3)	0.03	427	473	
White other	60.9 (59.5, 62.3)	58.6 (55.7, 61.4)	-1.5 (-5.0, 2.0)	0.4	-2.0 (-4.6, 0.5)	0.1	248	318	
Black Caribbean	57.6 (54.2, 60.9)	59.6 (57.0, 62.1)	0.5 (-3.2, 4.1)	0.8	-0.3 (-4.0, 3.4)	0.9	200	187	
Black African	59.8 (57.0, 62.6)	59.1 (56.3, 61.8)	-1.2 (-4.2, 1.7)	0.4	-1.5 (-4.0, 1.1)	0.2	410	391	

	Summary statistics (mean of continuous variables, prevalence of binary outcomes)		Effect estimates Rate ratio for binary outcomes, mean difference for continuous outcomes				Sample size		Overall <i>P</i> value
	Control (95% CI)	Intervention (95% CI)	Unadjusted (95% CI)	P value	Adjusted (95% CI)	P value	Control	Intervention	_
Indian/Pakistani/Bangladeshi	62.1 (58.3, 65.9)	61.0 (57.7, 64.4)	-1.4 (-5.6, 2.8)	0.5	-1.9 (-5.4, 1.7)	0.3	365	215	
Other/Mixed	60.7 (59.2, 62.3)	58.1 (55.8, 60.5)	-3.0 (-6.7, 0.7)	0.1	-2.4 (-5.8, 1.1)	0.2	202	251	

Supplementary Table 4: Employment-status specific effect estimates for health outcomes

	Summar	y statistics		Effect	estimates		Sample size		Overall <i>P</i>	
	prevalen	(mean of continuous variables, prevalence of binary outcomes)		Rate ratio for binary outcomes, mean difference for continuous outcomes						
	Control	Intervention	Unadjusted	P value	Adjusted	P value	Control	Intervention		
	(95% CI)	(95% CI)	(95% CI)		(95% CI)					
Primary health outcomes										
Healthy eating – meeting five-a- day (fruit and vegetable portions) %									0.3	
In paid employment	58.7	61.0	1.0	0.7	1.0	0.4	782	766		
	(52.7, 64.7)	(54.2, 67.7)	(0.9, 1.2)		(0.9, 1.2)					
ILO unemployed (seeking	46.9	44.9	0.9	0.7	0.9	0.7	194	216		
work)	(38.7, 55.1)	(37.9, 51.9)	(0.7, 1.3)		(0.7, 1.3)					
Full time education	49.4	51.2	0.9	0.6	0.9	0.7	251	268		
	(41.4, 57.4)	(40.6, 61.6)	(0.6, 1.3)		(0.6, 1.3)					
Unable to work	40.9	46.5	1.1	0.5	1.0	0.4	115	114		
(disability/illness)	(31.4, 50.3)	(36.1, 56.9)	(0.8, 1.5)		(0.8, 1.4)					
Not employed not seeking/retired/ Carer/Other	52.6	56.8	1.1	0.3	1.1	0.3	483	428		

	Summary statistics (mean of continuous variables, prevalence of binary outcomes)		Rate ratio fo	Effect estimates Rate ratio for binary outcomes, mean difference for continuous outcomes				Sample size		
	Control (95% CI)	Intervention (95% CI)	Unadjusted (95% CI)	P value	Adjusted (95% CI)	<i>P</i> value	Control	Intervention	_	
	(43.8, 61.4)	(50.7, 62.8)	(0.9, 1.4)		(0.9, 1.3)					
Physical activity – meeting 5x30 mins moderate intensity activity per week %									0.06	
In paid employment	73.0 (65.2, 80.8)	70.8 (64.8, 76.7)	1.0 (0.8, 1.1)	0.6	0.9 (0.8, 1.1)	0.6	803	797		
ILO unemployed (seeking work)	64.8 (55.4, 74.3)	75.6 (67.8, 83.3)	1.1 (1.0, 1.4)	0.1	1.1 (1.0, 1.3)	0.2	199	225		
Full time education	73.6 (61.6, 82.5)	77.5 (71.7, 83.4)	1.1 (0.9, 1.3)	0.3	1.1 (0.9, 1.2)	0.3	307	261		
Unable to work (disability/illness)	44.0 (31.9, 56.0)	40.9 (31.3, 50.5)	0.9 (0.7, 1.2)	0.7	0.9 (0.7, 1.2)	0.7	116	115		
Not employed not seeking/retired/ Carer/Other	58.4 (49.1, 67.7)	61.1 (54.3, 68.0)	1.0 (0.7, 1.4)	0.9	1.0 (0.7, 1.3)	0.9	495	440		

	(mean of cont prevalen	ry statistics inuous variables, ce of binary comes)	Rate ratio for	Effect estimates Rate ratio for binary outcomes, mean difference for continuous outcomes				Sample size		
	Control	Intervention	Unadjusted	P value	Adjusted (95% CI)	P value	Control	Intervention	_	
lental health	(95% CI)	(95% CI)	(95% CI)							
entarneatti										
Abnormal/borderline GHQ12 score %									0.1	
In paid employment	3.0	3.9	1.5	0.08	1.3	0.1	798	795		
	(1.8, 4.3)	(1.9, 5.8)	(1.1, 2.0)		(0.9, 1.9)					
ILO unemployed	9.1	7.7	1.1	0.8	1.6	0.2	197	222		
(seeking work)	(5.7, 12.6)	(4.6, 10.7)	(0.8, 1.6)		(1.0, 2.4)					
Full time education	5.4	4.6	1.1	0.7	1.6	1.0	260	306		
	(2.2, 8.6)	(1.6, 7.6)	(0.9, 1.4)		(1.5, 1.6)					
Unable to work	18.8	35.1	1.8	0.02	1.3	0.2	112	111		
(disability/illness)	(10.0, 27.5)	(24.9, 45.4)	(1.4, 2.4)		(1.0, 1.7)					
Not employed not	7.5	7.5	1.1	0.8	1.0	0.3	493	438		
seeking/retired/ Carer/Other	(4.1, 10.9)	(4.8, 10.3)	(0.8, 1.5)		(0.7, 1.4)					
Warwick Edinburgh									0.4	

	(mean of cont prevalen	Summary statistics (mean of continuous variables, prevalence of binary outcomes)		Effect estimates Rate ratio for binary outcomes, mean difference for continuous outcomes				Sample size	
	Control		Unadjusted	<i>P</i> value	Adjusted (95% CI)	<i>P</i> value	Control	Intervention	_
	(95% CI)		(95% CI)						
Mental Wellbeing Scale- mean score									
In paid employment	60.6	59.5	-1.2	0.4	-1.1	0.2	797	780	
	(59.1, 62.1)	(57.1, 61.8)	(-4.2, 1.9)		(-3.7, 1.5)				
ILO unemployed	60.2	58.7	-1.2	0.4	-1.2	0.3	196	222	
(seeking work)	(58.4, 61.9)	(56.8, 60.6)	(-4.0, 1.5)		(-3.2, 0.9)				
Full time education	60.7	58.8	-1.3	0.4	-1.6	0.08	255	292	
	(58.4, 63.1)	(55.8, 61.7)	(-4.6, 1.9)		(-4.3, 1.1)				
Unable to work	58.0	53.4	-3.4	0.09	-2.7	0.2	113	111	
(disability/illness)	(54.6, 61.3)	(51.5, 55.2)	(-7.3, 0.6)		(-6.3, 0.9)				
Not employed not	59.5	58.5	-1.4	0.2	-1.4	0.3	491	429	
seeking/retired/ Carer/Other	(57.1, 61.8)	(56.5, 60.6)	(-3.6, 0.8)		(-3.6, 0.9)				

Supplementary Table 5: Educational-level specific effect estimates for health outcomes

	Summar	y statistics		Effect	estimates		Sample size		Overall <i>P</i>	
	prevalen	(mean of continuous variables, prevalence of binary outcomes)		Rate ratio for binary outcomes, mean difference for continuous outcomes						
	Control		Unadjusted	P value	Adjusted	<i>P</i> value	Control	Intervention	_	
	(95% CI)		(95% CI)		(95% CI)					
<u>Primary health outcomes</u>										
Healthy eating – meeting five-a- day (fruit and vegetable portions) %									0.1	
No formal qualifications	51.9	49.7	1.0	0.9	1.1	0.6	214	189		
	(41.1, 63.7)	(40.1, 59.4)	(0.7, 1.4)		(0.8, 1.4)					
GCSE or equivalent	46.5	51.7	1.0	0.6	1.1	0.5	527	617		
	(40.3, 52.6)	(45.4, 58.0)	(0.8, 1.3)		(0.9, 1.4)					
A-level or equivalent	59.4	54.5	1.1	0.4	1.1	0.3	360	387		
	(43.4, 55.5)	(47.6, 61.4)	(0.9, 1.3)		(0.9, 1.3)					
University degree	61.1	62.5	1.0	0.9	1.0	0.7	676	563		
	(53.7)	(55.4, 69.7)	(0.8, 1.2)		(0.8, 1.2)					
Other	58.3	58.3	1.1	0.8	1.3	0.6	48	36		

	Summary statistics (mean of continuous variables, prevalence of binary outcomes)		Rate ratio fo	Effect estimates Rate ratio for binary outcomes, mean difference for continuous outcomes				Sample size	
	Control (95% CI)	Intervention (95% CI)	Unadjusted (95% CI)	P value	Adjusted (95% CI)	<i>P</i> value	Control	Intervention	_
	(38.9, 77.8)	(39.3, 77.4)	(0.7, 1.7)		(0.9, 1.8)				
Physical activity – meeting 5x30 mins moderate intensity activity per week %									0.3
No formal qualifications	46.8	54.6	1.0	0.9	1.0	0.8	220	196	
	(32.9, 60.7)	(45.0, 64.1)	(0.7, 1.4)		(0.8, 1.2)				
GCSE or equivalent	68.4	70.2	1.0	0.7	1.0	0.9	538	642	
	(60.8, 76.0)	(65.4, 75.1)	(0.9, 1.3)		(0.8, 1.2)				
A-level or equivalent	68.1	71.2	1.0	0.9	1.0	0.9	373	416	
	(61.7, 74.5)	(64.1, 78.2)	(0.9, 1.2)		(0.9, 1.2)				
University degree	70.6	69.7	1.0	0.7	3	0.8	691	591	
	(62.1, 79.2)	(63.8, 75.6)	(0.9, 1.2)						
Other	65.4	56.4	0.7	0.09	1.0	0.9	52	39	
	(50.3, 80.4)	(45.5, 67.3)	(0.6, 0.9)		(0.8, 1.5)				

	(mean of cont prevalen	Summary statistics (mean of continuous variables, prevalence of binary outcomes) Control		Effect estimates Rate ratio for binary outcomes, mean difference for continuous outcomes				Sample size		
	Control	ntrol Intervention	Unadjusted	P value	Adjusted (95% CI)	P value	Control	Intervention	_	
	(95% CI)	(95% CI)	(95% CI)							
tal health										
Abnormal/borderline GHQ12 score %									0.5	
No formal	5.5	9.3	1.0	0.9	1.4	0.5	217	194		
qualifications	(0.9, 10.2)	(4.2, 14.3)	(0.6, 1.9)		(0.9, 2.3)					
GCSE or equivalent	6.5	7.2	0.9	0.7	1.1	0.7	535	638		
	(3.5, 9.6)	(5.0, 9.4)	(0.6, 1.4)		(0.7, 1.7)					
A-level or equivalent	7.3	8.5	1.3	0.5	1.2	0.7	370	412		
	(4.7, 9.9)	(4.6, 12.3)	(0.8, 2.0)		(0.7, 1.8)					
University degree	5.2	5.1	0.9	0.5	0.8	0.2	688	590		
	(3.7, 6.7)	(3.3, 6.8)	(0.7, 1.1)		(0.6, 1.0)					
Other	8.0	13.2	-	-	-	-	50	38		
	(0.0, 17.3)	(2.7, 23.6)								

Mental Wellbeing Scale-

	(mean of cont prevalen	Summary statistics (mean of continuous variables, prevalence of binary outcomes)		Effect estimates Rate ratio for binary outcomes, mean difference for continuous outcomes				Sample size	
	Control (95% CI)	Intervention (95% CI)	Unadjusted (95% CI)	<i>P</i> value	Adjusted (95% CI)	P value	Control	Intervention	_
mean score									
No formal	61.5	60.3	-1.4	0.6	-0.7	0.8	215	193	
qualifications	(57.0, 66.0)	(57.7, 62.9)	(-7.2, 4.3)		(-6.3, 4.9)				
GCSE or equivalent	60.1	59.0	-1.8	0.1	-2.2	0.05	627	527	
	(58.2, 61.2)	(59.8, 61.2)	(-4.3, 0.6)		(-4.4, 0.0)				
A-level or equivalent	58.9	56.7	-2.0	0.2	-2.7	0.04	365	399	
	(57.0, 60.8)	(54.9, 58.5)	(-5.1, 1.1)		(-5.1, -0.2)				
University degree	60.9	59.4	-1.6	0.2	-1.6	0.1	685	579	
	(59.3, 62.5)	(57.0, 61.7)	(-4.1, 0.9)		(-3.7, 0.4)				
Other	53.0	54.4	-1.4	0.7	-1.5	0.5	52	37	
	(50.5, 55.5)	(52.1, 56.8)	(-8.5, 5.8)		(-4.6, 1.6)				