

TABLE S1. Identification of Potential Explanatory Variables for Psychopathology and Service Use

	Attitudes towards violence		Victimization		Characteristics of violent behavior			
	Violent if disrespected	Violent ruminations	Fear of violent victimization	Victim of violence	Conviction for violence	No. of violent incidents	Instrumental violence	Excited by violence
	AOR (95% CI)	AOR (95% CI)	AOR (95% CI)	AOR (95% CI)	AOR (95% CI)	AOR (95% CI)	AOR (95% CI)	AOR (95% CI)
Psychopathology ¹⁾								
Psychosis	1.56 (0.84-2.93)	3.73 (2.07-6.74) [#]	2.19 (1.30-3.69) [‡]	2.03 (1.09-3.79) [†]	0.88 (0.43-1.81)	1.57 (1.22-2.02) [#]	1.88 (0.89-3.99)	1.81 (0.94-3.49)
Anxiety disorder	1.37 (0.99-1.90)	1.99 (1.34-2.97) [#]	2.94 (2.18-3.97) [#]	1.67 (1.27-2.19) [#]	1.06 (0.71-1.58)	1.17 (1.04-1.31) [‡]	1.81 (1.09-3.02) [†]	1.27 (0.73-2.20)
Depression	0.80 (0.55-1.15)	1.08 (0.59-1.95)	1.29 (0.90-1.84)	0.85 (0.60-1.20)	1.42 (0.84-2.39)	0.65 (0.55-0.78) [#]	1.29 (0.44-3.74)	0.69 (0.31-1.52)
Alcohol dependence	1.25 (0.88-1.78)	1.64 (1.10-2.43) [†]	1.30 (0.92-1.85)	1.02 (0.72-1.46)	1.85 (1.19-2.90) [‡]	1.30 (1.14-1.49) [#]	2.54 (1.45-4.45) [‡]	2.38 (1.47-3.85) [#]
Drug dependence	3.33 (1.50-7.37) [‡]	2.37 (1.40-4.01) [‡]	2.72 (1.39-5.30) [‡]	2.32 (1.35-4.01) [‡]	1.91 (1.02-3.57) [†]	1.23 (0.94-1.60)	3.88 (2.16-6.96) [#]	4.19 (1.71-10.26) [‡]
Antisocial personality disorder	8.59 (6.55-11.28) [#]	7.60 (5.54-10.43) [#]	1.13 (0.84-1.54)	3.66 (2.83-4.72) [#]	12.10 (8.36-17.52) [#]	2.64 (2.36-2.94) [#]	13.28 (8.16-21.62) [#]	10.55 (6.70-16.61) [#]
Suicide attempt	1.89 (1.27-2.83) [‡]	2.81 (1.71-4.62) [#]	1.51 (1.00-2.29) [†]	2.75 (1.88-4.03) [#]	1.67 (1.03-2.72) [†]	1.44 (1.24-1.67) [#]	1.09 (0.57-2.08)	1.54 (0.83-2.84)
Service use ²⁾								
Consulted medical practitioner	1.05 (0.71-1.55)	1.68 (0.98-2.87)	1.40 (0.90-2.18)	1.49 (1.02-2.18) [†]	0.99 (0.95-1.65)	1.12 (0.97-1.30)	1.47 (0.75-2.89)	0.71 (0.29-1.72)
Consulted psychiatrist/psychologist	1.81 (0.90-3.64)	2.20 (0.99-4.89)	2.85 (1.54-5.27) [#]	2.25 (1.23-4.09) [‡]	0.84 (0.40-1.80)	1.27 (1.01-1.59) [†]	1.90 (0.72-5.02)	2.50 1.02-6.10) [†]
Psychiatric admission	1.19 (0.71-2.01)	2.10 (1.12-3.95) [†]	2.15 (1.23-3.77) [‡]	1.86 (1.00-3.46) [†]	1.71 (0.89-3.30)	1.25 (1.04-1.50) [†]	2.83 (1.48-5.41) [‡]	1.79 (0.91-3.52)
Psychotropic medication	1.19 (0.68-2.08)	0.97 (0.48-1.94)	2.35 (1.40-3.94) [‡]	1.40 (0.80-2.45)	2.02 (1.08-3.77) [†]	1.09 (0.89-1.34)	0.90 (0.35-2.29)	1.27 (0.49-3.30)

Note. [†] P<0.05; [‡] P<0.01; [#] P<0.001. ¹⁾ Adjustments were made for all other psychiatric morbidity outcomes (except suicide attempt), non-UK birth, being single, unemployment, ethnicity, age, Index of Multiple Deprivation, and survey type. ²⁾ Adjustments as in ¹⁾ and simultaneous inclusion of all service use variables.

TABLE S2. Testing Explanations for the Link Between Gang Membership, Violence, and Psychopathology and Service Use: Gang Members vs. Violent Men

	Baseline	Violent if disrespected		Violent ruminations		Fear of victimization		Victim of violence	
	OR (95% CI)	OR (95% CI)	%	OR (95% CI)	%	OR (95% CI)	%	OR (95% CI)	%
Depression	0.27 (0.08-0.89) †	-		-		-		-	
Alcohol dependence	3.97 (1.90-8.30) #	-		3.24 (1.39-7.55) ‡	15	-		-	
Drug dependence	9.06 (3.60-22.83) #	6.38 (2.47-16.46) #	16	7.97 (2.71-23.41) #	6	8.33 (3.30-21.04) #	4	8.84 (3.57-21.90) #	1
Antisocial personality disorder	6.49 (2.73-15.43) #	6.14 (2.24-16.82) #	3	6.03 (2.12-17.16) #	4	-		6.99 (2.95-16.57) #	-4
Suicide attempt	3.94 (2.34-6.63) #	3.27 (1.90-5.61) #	14	2.16 (1.21-3.86) ‡	44	2.66 (1.52-4.63) #	29	3.60 (2.09-6.20) #	7
Consulted medical practitioner	2.25 (1.21-4.18) ‡	-		-		-		2.09 (1.10-3.95) †	9
Consulted psychiatrist/ psychologist	2.86 (1.29-6.32) ‡	-		-		1.48 (0.57-3.82)	63	2.46 (1.09-5.54) †	14
Psychiatric admission	3.53 (1.67-7.46) #	-		3.09 (1.40-6.81) ‡	10	1.76 (0.79-3.90)	55	3.22 (1.50-6.94) ‡	7
Psychotropic medication	2.45 (1.11-5.41) †	-		-		1.51 (0.65-3.48)	54	-	

Note. % Percentage change in beta coefficient (beta=log(OR)) from baseline model to final adjusted model. All 95% CI are computed using robust standard errors to account for correlations within survey areas due to clustering within postcodes. † P<0.05; ‡ P<0.01; # P<0.001.

TABLE S3. Testing Explanations for the Link Between Gang Membership, Violence, and Psychopathology and Service Use: Gang Members vs. violent Men (continued)

	Conviction for violence		Number of violent incidents		Excited by violence		Instrumental violence		Final model	
	OR (95% CI)	%	OR (95% CI)	%	OR (95% CI)	%	OR (95% CI)	%	OR (95% CI)	%
Depression	-		0.22 (0.06-0.80) †	-36	-		-		0.22 (0.06-0.80) †	-36
Alcohol dependence	3.82 (1.82-7.99) #	3	4.45 (2.02-9.81) #	-8	3.18 (1.38-7.33) ‡	16	3.15 (1.46-6.81) ‡	17	3.29 (1.12-9.65) †	14
Drug dependence	8.63 (3.36-22.16) #	2	-		6.41 (2.31-17.80) #	16	6.09 (2.14-17.33) #	18	4.04 (1.17-13.91) †	37
Antisocial personality disorder	5.30 (2.07-13.55) #	11	5.22 (1.84-14.82) ‡	12	5.09 (1.98-13.12) #	13	4.22 (1.64-10.84) ‡	23	1.67 (0.34-8.17)	73
Suicide attempt	-		3.54 (2.04-6.13) #	8	-		-		1.27 (0.60-2.69)	82
Consulted medical practitioner	-		-		-		-		2.09 (1.10-3.95) †	9
Consulted psychiatrist/psychologist	-		2.26 (1.09-4.70) †	22	1.93 (0.91-4.10)	37	-		0.50 (0.17-1.48)	166
Psychiatric admission	-		3.32 (1.48-7.45) ‡	5	-		2.22 (0.90-5.48)	37	1.59 (0.48-5.26)	63
Psychotropic medication	2.18 (0.94-5.03)	13	-		-		-		1.34 (0.56-3.22)	68

Note. % Percentage change in beta coefficient (beta=log(OR)) from baseline model to final adjusted model. All 95% CI are computed using robust standard errors to account for correlations within survey areas due to clustering within postcodes. † P<0.05; ‡ P<0.01; # P<0.001.