APPENDIX 15A: CLINICAL EVIDENCE - FOREST PLOTS FOR REVIEW OF RISK FACTORS

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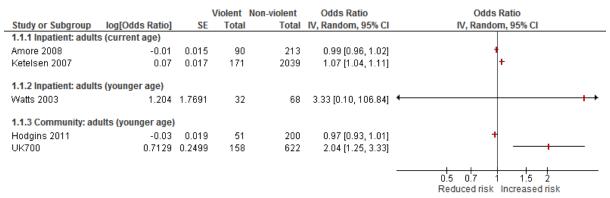
Abbreviations

CI confidence interval IV inverse variance SE standard error

1.1 RISK FACTORS FOR VIOLENCE AND AGGRESSION

1.1.1 Inpatient and community settings - adults

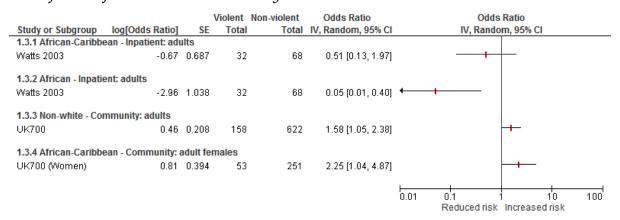
Risk factor for violence and/or aggression: current age



Risk factor for violence: male gender

Study or Subgroup	log[Odds Ratio]	SE		Non-violent	Odds Ratio IV, Random, 95% CI		Odds I IV, Randon		
1.2.1 Inpatient: adult		3L	Total	Total	IV, Kalluolli, 95% Cl		iv, Kaliuoli	II, 95% CI	
Amore 2008	-0.02	0.4	90	213	0.98 [0.45, 2.15]		_		
Cheung 1996	0.51	0.262	138	82	1.67 [1.00, 2.78]		-	+	
1.2.3 Community: ad	ults								
Hodgins 2011	0.77	0.511	51	200	2.16 [0.79, 5.88]		+		
UK700	0.18	0.226	158	622	1.20 [0.77, 1.86]		+	—	
						0.01	0.1 1	10	100
							Reduced risk	Increased risk	

Risk factor for violence: ethnicity



Risk factor for violence: living in supported housing

Study or Subgroup	log[Odds Ratio]	SE	Violent Total	Non-violent Total	Odds Ratio IV, Random, 95% CI	Odds Ratio IV, Random, 95% CI
1.5.1 Inpatient: adults Ketelsen 2007		0.281	171	2039	2.16 [1.25, 3.75]	-
1.5.2 Community: add UK700		0.303	158	622	1.31 [0.72, 2.37]	+
						0.01 0.1 10 100 Reduced risk Increased risk

Risk factor for violence: unmet needs

Study or Subgroup	log[Odds Ratio]	SE		Non-violent Total	Odds Ratio IV, Random, 95% CI		Odds Ratio IV, Random, 95% CI	
1.6.1 Community: ad	lult females							
UK700 (Women)	0.16	0.074	53	251	1.17 [1.02, 1.36]		+	
						0.01	0.1 10 Reduced risk Increased risk	100

Risk factor for violence: history of being victimised

Study or Subgroup	log[Odds Ratio]	SE	Violent Total	Non-violent Total	Odds Ratio IV, Random, 95% CI		Odds Ratio IV, Random, 95% CI
1.7.1 Community: adu	ılts						
UK700	0.6	0.25	158	622	1.82 [1.12, 2.97]		
UK700 (Women)	0.9	0.449	53	251	2.46 [1.02, 5.93]		
						0.01	0.1 1 10 100 Reduced risk Increased risk

Risk factor for violence: history of homelessness

Study or Subgroup	log[Odds Ratio]	SE		Non-violent Total	Odds Ratio IV, Random, 95% CI		Odds Ratio IV, Random, 95% CI	
1.8.1 Community: adu	ults							
UK700	0.63	0.401	158	622	1.88 [0.86, 4.12]		++-	
						0.01	0.1 1 10	100
							Reducaed risk Increased risk	

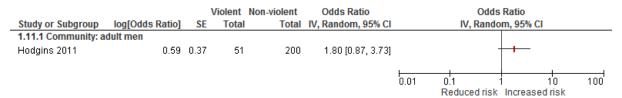
Risk factor for violence: married marital status



Risk factor for violence: past special education

Study or Subgroup	log[Odds Ratio]	SE	Violent Total	Non-violent Total	Odds Ratio IV, Random, 95% CI			Ratio m, 95% CI	
1.10.1 Community: a	dults								
UK700	0.5	0.31	158	622	1.65 [0.90, 3.03]		-	-	
						0.01	0.1	i 1'0	100
							Reduced risk	Increased risk	

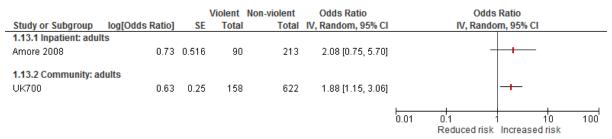
Risk factor for violence: behavioural disorder



Risk factor for violence: history of verbal or aggression against an object



Risk factor for violence: history of physical aggression



Risk factor for violence: recent verbal or against-object aggression



Risk factor for violence: recent physical aggression

			Violent	Non-violent	Odds Ratio		Odds	Ratio	
Study or Subgroup	log[Odds Ratio]	SE	Total	Total	IV, Random, 95% CI		IV, Rando	m, 95% CI	
1.15.1 Inpatient: adul	lts								
Amore 2008	2.55	0.682	90	213	12.81 [3.36, 48.75]				_
						0.01	n'1	10	100
						0.01	Reduced risk	Increased risk	

Risk factor for violence: conviction for non-violent offence

Study or Subgroup	log[Odds Ratio]	SE	Violent Total	Non-violent Total	Odds Ratio IV, Random, 95% CI			Ratio om, 95% CI	
1.16.1 Community: a	dult females								
UK700 (Women)	0.97	0.414	53	251	2.64 [1.17, 5.94]				
						0.01	0.1	1 10	100
								Increased risk	

Risk factor for violence: hostility

Study or Subgroup	log[Odds Ratio]	SE		Non-violent Total	Odds Ratio IV, Random, 95% CI	Odds Ratio IV, Random, 95% CI
1.17.1 Inpatient: adu	lts					
Amore 2008	0.06	0.05	90	213	1.06 [0.96, 1.17]	+-
Watts 2003	0.59	0.228	32	68	1.80 [1.15, 2.82]	
						0.2 0.5 1 2 5 Reduced risk Increased risk

Risk factor for violence: earlier onset of psychotic disorder

Study or Subgroup	log[Odds Ratio]	SE	Violent Total	Non-violent Total	Odds Ratio IV, Random, 95% CI		Odds Ratio IV, Random, 95% CI	
1.18.1 Inpatient: adul	ts							
Chang 2004	-0.05	0.019	46	65	0.95 [0.92, 0.99]		+	
						0.5	0.7 1 1.5	2
							Reduced risk Increased risk	

Risk factor for violence: schizophrenia



Risk factor for violence: personality disorder



Risk factor for violence: mood disorder

Study or Subgroup	log[Odds Ratio]	SE		Non-violent Total	Odds Ratio IV, Random, 95% CI	Odds Ratio IV, Random, 95% CI
1.21.1 Inpatient: adult	ts					
Amore 2008	-0.05	0.038	90	213	0.95 [0.88, 1.02]	†
1.21.2 Community: ac	dult men					
Hodgins 2011	0.7	0.778	171	2039	2.01 [0.44, 9.25]	-
						0.01 0.1 1 10 100
						Reduced risk Increased risk

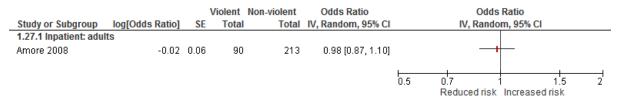
Risk factor for violence: threat/control-override delusions

			Violent	Non-violent	Odds Ratio		Odds Ratio		
Study or Subgroup	log[Odds Ratio]	SE	Total	Total	IV, Random, 95% CI	I	V, Random, 95%	CI	
1.25.1 Community: a	dults								
UK700	0.48	0.285	158	622	1.62 [0.92, 2.83]		+-		
						0.01 0.1	+	10	100
							ced risk Increas	ed risk	100

Risk factor for violence: thought disorder

Study or Subgroup	log[Odds Ratio]	SE		Non-violent Total	Odds Ratio IV, Random, 95% CI		Odds Ratio IV, Random, 95% CI	
1.26.1 Inpatient: adul	lts							
Amore 2008	0.02	0.04	90	213	1.02 [0.94, 1.10]		+	
						0.5	0.7 1.5 Reduced risk Increased risk	2

Risk factor for violence: tension/excitement



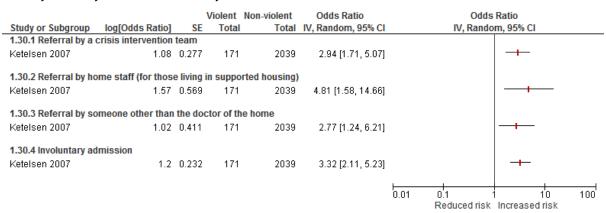
Risk factor for violence: lethargy



Risk factor for violence: duration of hospitalisation

Study or Subgroup	log[Odds Ratio]	SE		Non-violent Total	Odds Ratio IV, Random, 95% CI	Odds Ratio IV, Random, 95% CI
1.29.1 Inpatient: adu	lts					
Chang 2004	0.02	0.007	46	65	1.02 [1.01, 1.03]	
Cheung 1996	0.15	0.076	138	82	1.16 [1.00, 1.35]	+
1.29.3 Community: a	dults					
UK700	0.29	0.205	158	622	1.34 [0.89, 2.00]	++-
						0.1 0.2 0.5 1 2 5 10 Reduced risk Increased risk

Risk factor for violence: referral route



Risk factor for violence: higher number of previous admissions



Risk factor for violence: younger age at first admission



Risk factor for violence: recent drug use

Study or Subgroup	log[Odds Ratio]	SE		Non-violent Total	Odds Ratio IV, Random, 95% CI		s Ratio om, 95% CI
1.33.1 Community: a	dults						
Hodgins 2011	2.2	0.636	51	200	9.03 [2.59, 31.39]		
UK700	0.51	0.231	158	622	1.67 [1.06, 2.62]		+
						0.01 0.1	1 10 100

Risk factor for violence: previous attempted suicide

