National Institute for Health and Care Excellence

Consultation draft

Depression in adults: treatment and management

Appendix U2.11: Text from CG90 Appendix 19a that has been deleted

NICE Guideline

Appendices

May 2018

Disclaimer
Healthcare professionals are expected to take NICE clinical guidelines fully into account when exercising their clinical judgement. However, the guidance does not override the responsibility of healthcare professionals to make decisions appropriate to the circumstances of each patient, in consultation with the patient and/or their guardian or carer.

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Appendix 19a: Clinical evidence forest plots for service delivery

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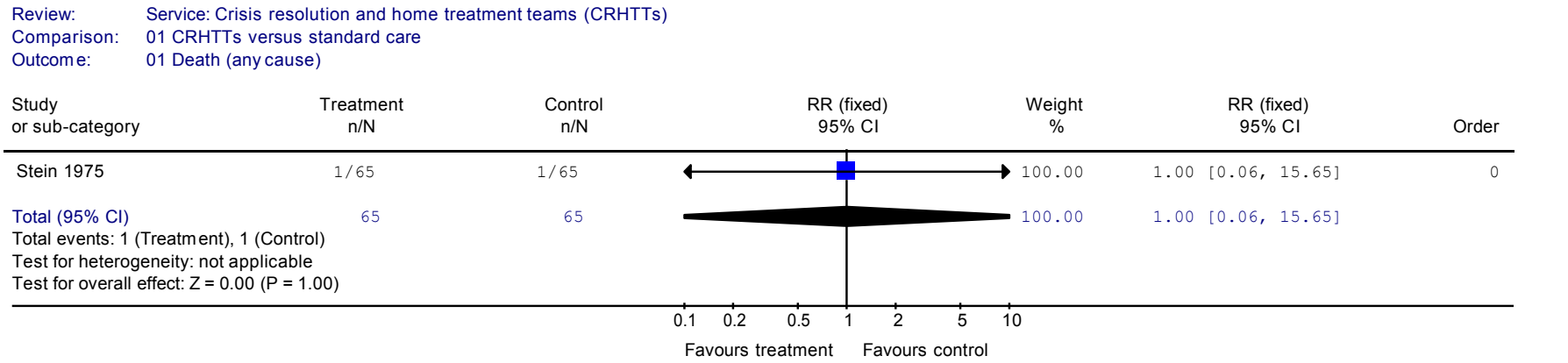
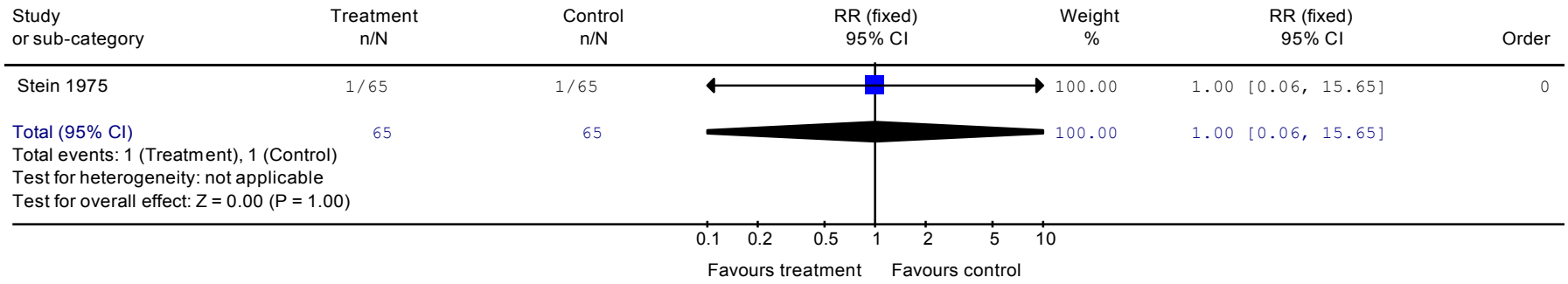
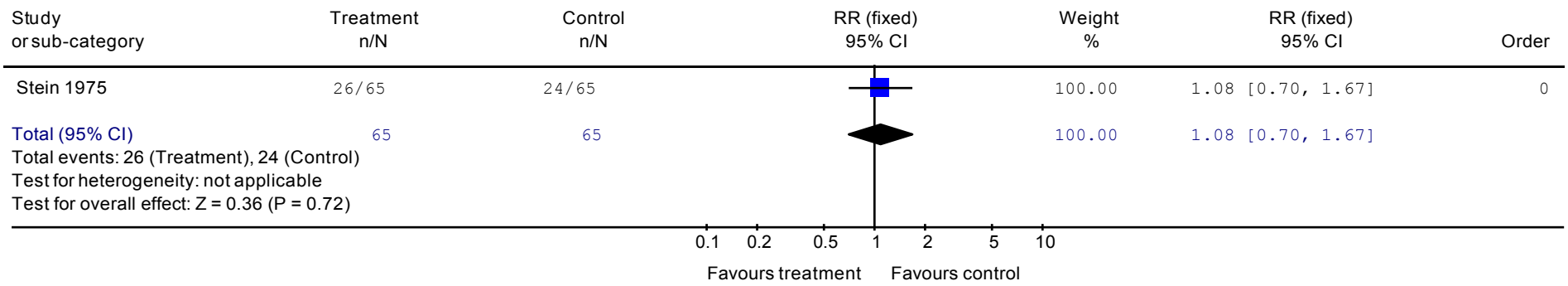
Crisis resolution and home treatment teams (CRHTTs)

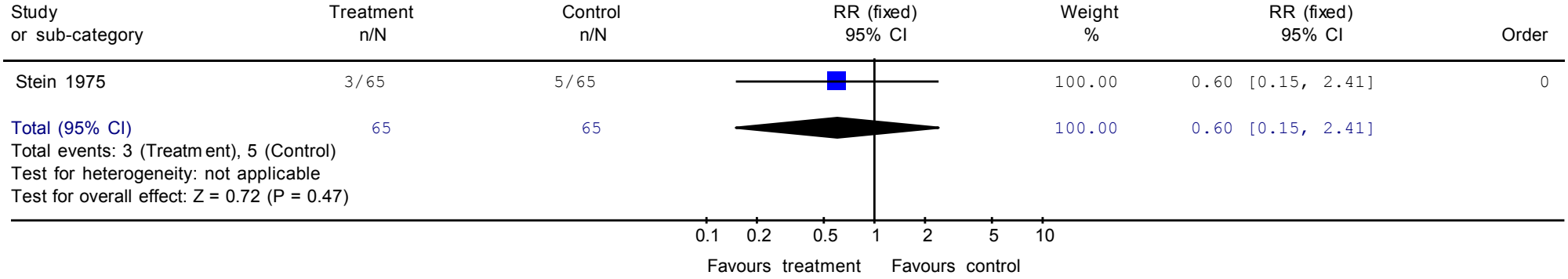




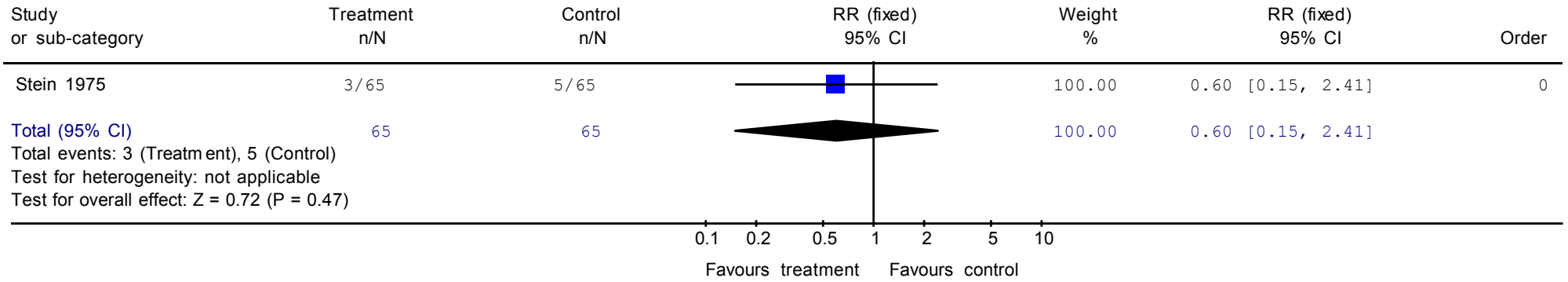
Review: Service: Crisis resolution and home treatment teams (CRHTTs)
Comparison: 01 CRHTTs versus standard care
Outcom e: 03 Attempted suicide



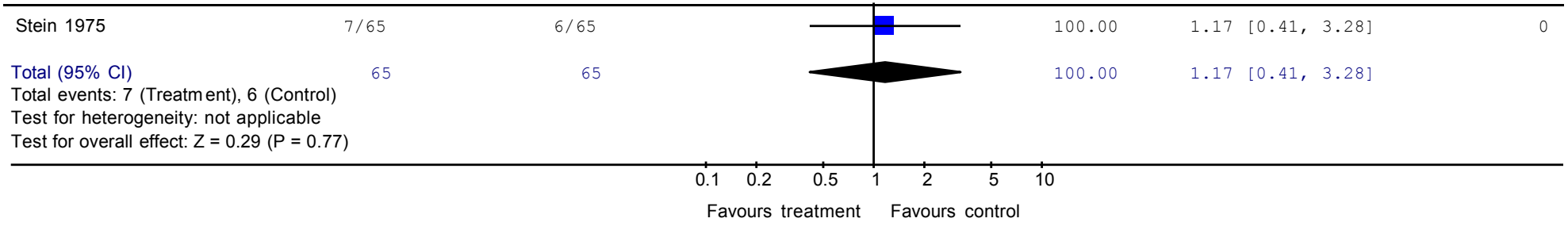
Review: Service: Crisis resolution and home treatment teams (CRHTTs)
Comparison: 01 CRHTTs versus standard care
Outcom e: 04 Leaving the study early by 6 months



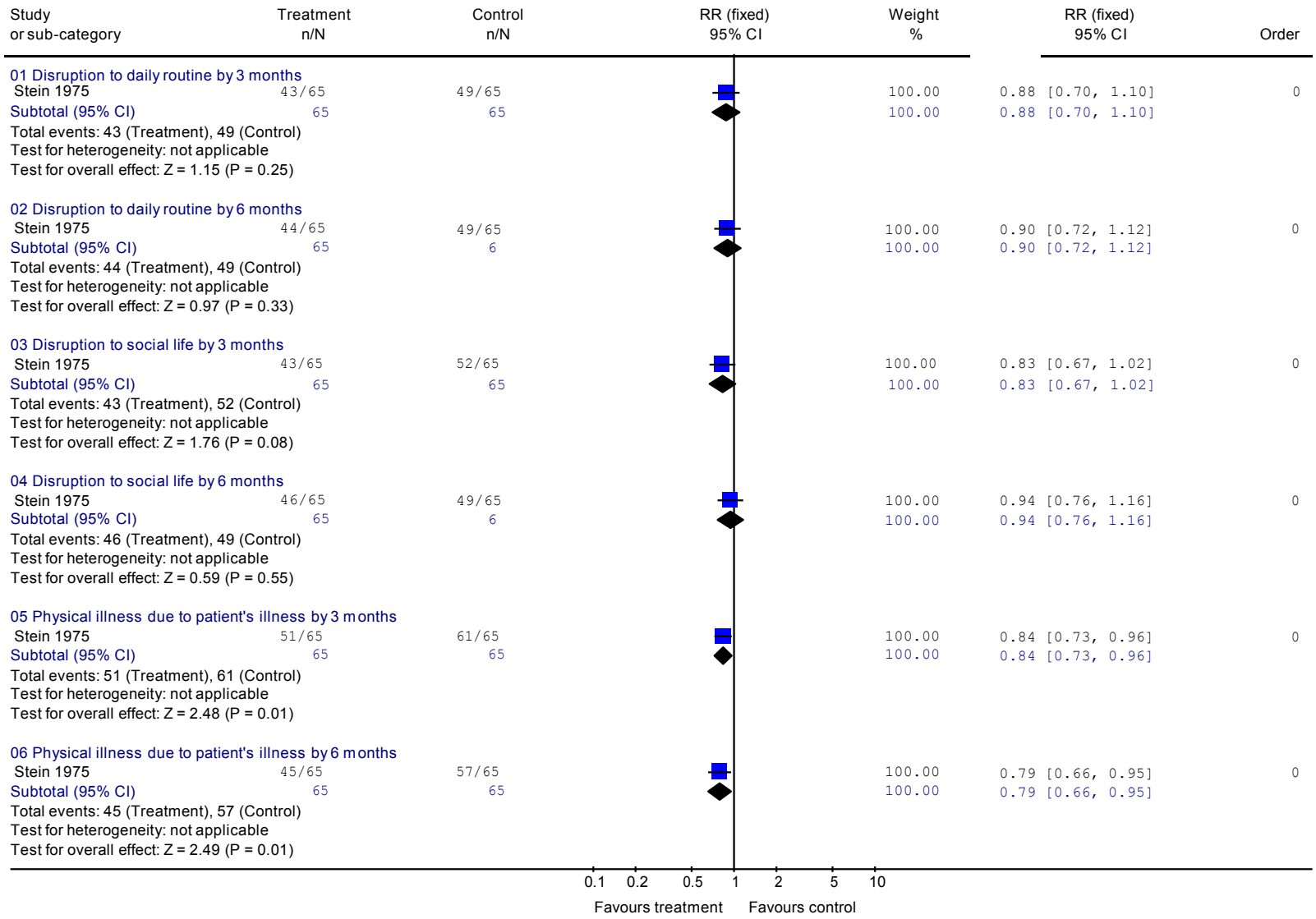
Review: Service: Crisis resolution and home treatment teams (CRHTTs)
Comparison: 01 CRHTTs versus standard care
Outcome: 05 Leaving the study early by 12 months



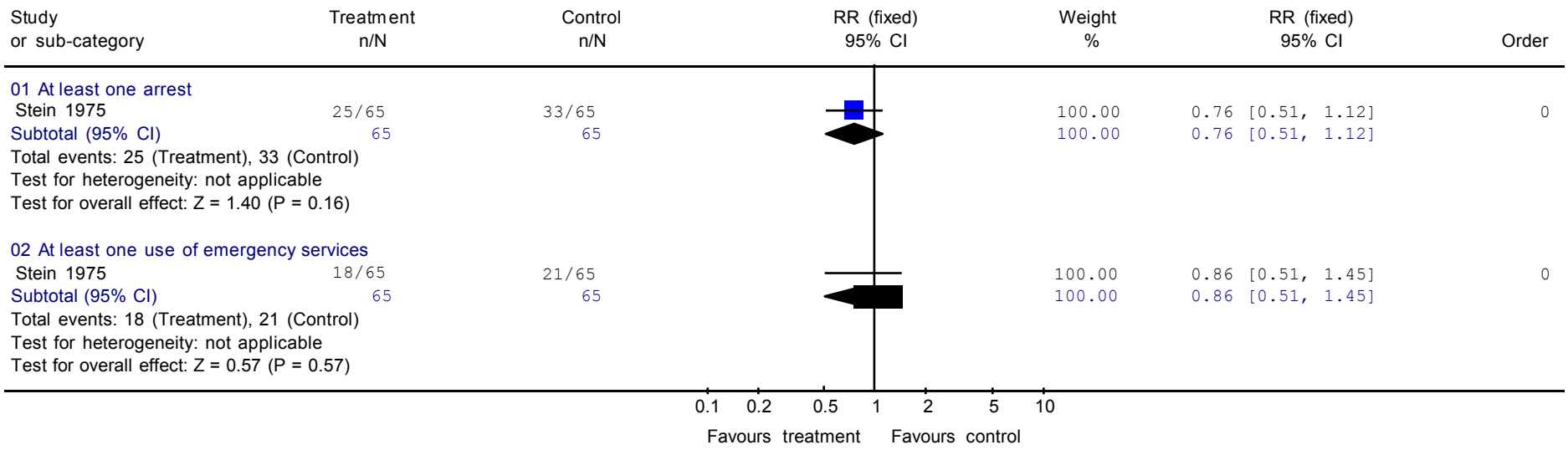
Review: Service: Crisis resolution and home treatment teams (CRHTTs)
Comparison: 01 CRHTTs versus standard care
Outcome: 06 Leaving the study early by 20 months



Review: Service: Crisis resolution and home treatment teams (CRHTTs)
Comparison: 01 CRHTTs versus standard care
Outcome: 07 Burden to family



Review: Service: Crisis resolution and home treatment teams (CRHTTs)
Comparison: 01 CRHTTs versus standard care
Outcome: 08 Burden to community

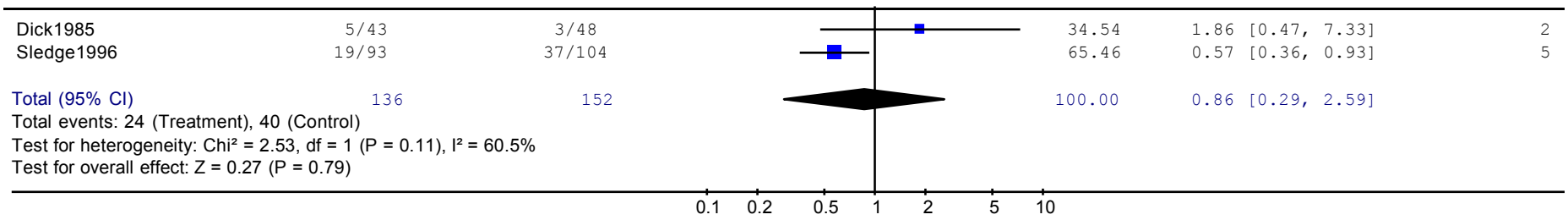


Day hospitals

Review: Service: Day hospitals
Comparison: 01 Day hospital vs Inpatient care Type 1 trials (unsuitable patients excluded before randomisation)
Outcome: 01 Leaving the study early for any reason

Study or sub-category	Treatment n/N	Control n/N	RR (random) 95% CI	Weight %	RR (random) 95% CI	Order
Dick1985	5/43	3/48		34.54	1.86 [0.47, 7.33]	2
Sledge1996	19/93	37/104		65.46	0.57 [0.36, 0.93]	5
Total (95% CI)	136	152		100.00	0.86 [0.29, 2.59]	

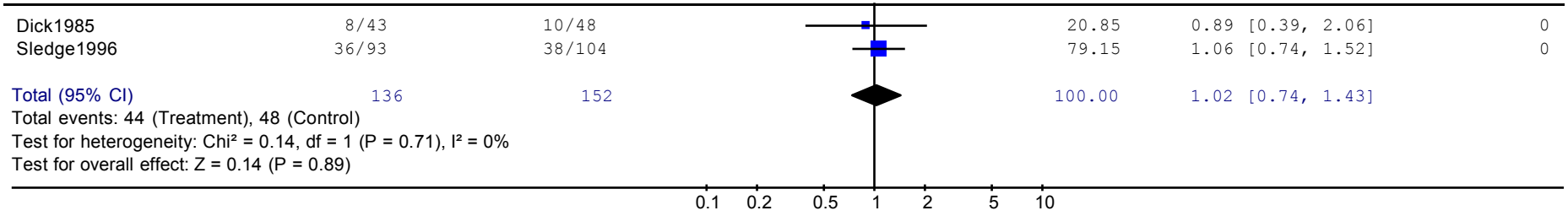
Total events: 24 (Treatment), 40 (Control)
Test for heterogeneity: Chi² = 2.53, df = 1 (P = 0.11), I² = 60.5%
Test for overall effect: Z = 0.27 (P = 0.79)



Review: Service: Day hospitals
Comparison: 01 Day hospital vs Inpatient care Type 1 trials (unsuitable patients excluded before randomisation)
Outcome: 03 Readmitted to IP or DP care after discharge from IP or DP care.

Study or sub-category	Treatment n/N	Control n/N	RR (fixed) 95% CI	Weight %	RR (fixed) 95% CI	Order
Dick1985	8/43	10/48		20.85	0.89 [0.39, 2.06]	0
Sledge1996	36/93	38/104		79.15	1.06 [0.74, 1.52]	0
Total (95% CI)	136	152		100.00	1.02 [0.74, 1.43]	

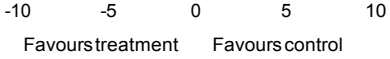
Total events: 44 (Treatment), 48 (Control)
Test for heterogeneity: Chi² = 0.14, df = 1 (P = 0.71), I² = 0%
Test for overall effect: Z = 0.14 (P = 0.89)



Review: Service: Day hospitals
Comparison: 01 Day hospital vs Inpatient care Type 1 trials (unsuitable patients excluded before randomisation)
Outcome: 06 Duration of index admission (individual patient data)

Study or sub-category	N	Treatment Mean (SD)	N	Control Mean (SD)	WMD (fixed) 95% CI	Weight %	WMD (fixed) 95% CI	Order
Sledge1996	93	31.80(44.00)	104	36.40(41.80)		100.00	-4.60 [-16.62, 7.42]	0
Total (95% CI)	93		104			100.00	-4.60 [-16.62, 7.42]	

Test for heterogeneity: not applicable
Test for overall effect: Z = 0.75 (P = 0.45)

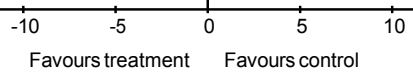


Review: Service: Day hospitals

Comparison: 01 Day hospital vs Inpatient care Type 1 trials (unsuitable patients excluded before randomisation)
Outcome: 07 Inpatient Days/month (individual patient data)

Study or sub-category	N	Treatment Mean (SD)	N	Control Mean (SD)	WMD (fixed) 95% CI	Weight %	WMD (fixed) 95% CI	Order
Sledge1996	93	2.24(4.89)	104	4.35(4.75)		100.00	-2.11 [-3.46, -0.76]	0
Total (95% CI)	93		104			100.00	-2.11 [-3.46, -0.76]	

Test for heterogeneity: not applicable
Test for overall effect: Z = 3.06 (P = 0.002)

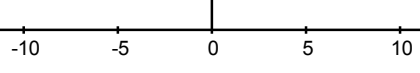


Review: Service: Day hospitals

Comparison: 01 Day hospital vs Inpatient care Type 1 trials (unsuitable patients excluded before randomisation)
Outcome: 08 Day patient adjusted days/month (individual patient data)

Study or sub-category	N	Treatment Mean (SD)	N	Control Mean (SD)	WMD (fixed) 95% CI	Weight %	WMD (fixed) 95% CI	Order
Sledge1996	93	2.85(1.65)	104	0.79(1.50)		100.00	2.06 [1.62, 2.50]	0
Total (95% CI)	93		104			100.00	2.06 [1.62, 2.50]	

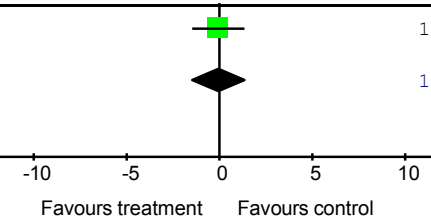
Test for heterogeneity: not applicable
Test for overall effect: Z = 9.13 (P < 0.00001)



Review: Service: Day hospitals
Comparison: 01 Day hospital vs Inpatient care Type 1 trials (unsuitable patients excluded before randomisation)
Outcome: 09 All hospital days/month (individual patient data)

Study or sub-category	N	Treatment Mean (SD)	N	Control Mean (SD)	WMD (fixed) 95% CI	Weight %	WMD (fixed) 95% CI	Order
Sledge1996	93	5.08(4.97)	104	5.14(5.13)		100.00	-0.06 [-1.47, 1.35]	0
Total (95% CI)	93		104			100.00	-0.06 [-1.47, 1.35]	

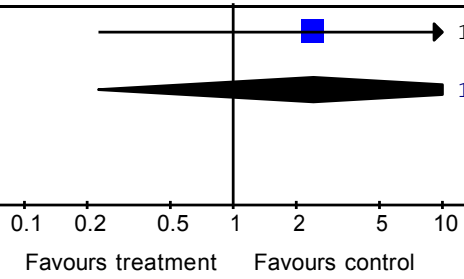
Test for heterogeneity: not applicable
Test for overall effect: Z = 0.08 (P = 0.93)



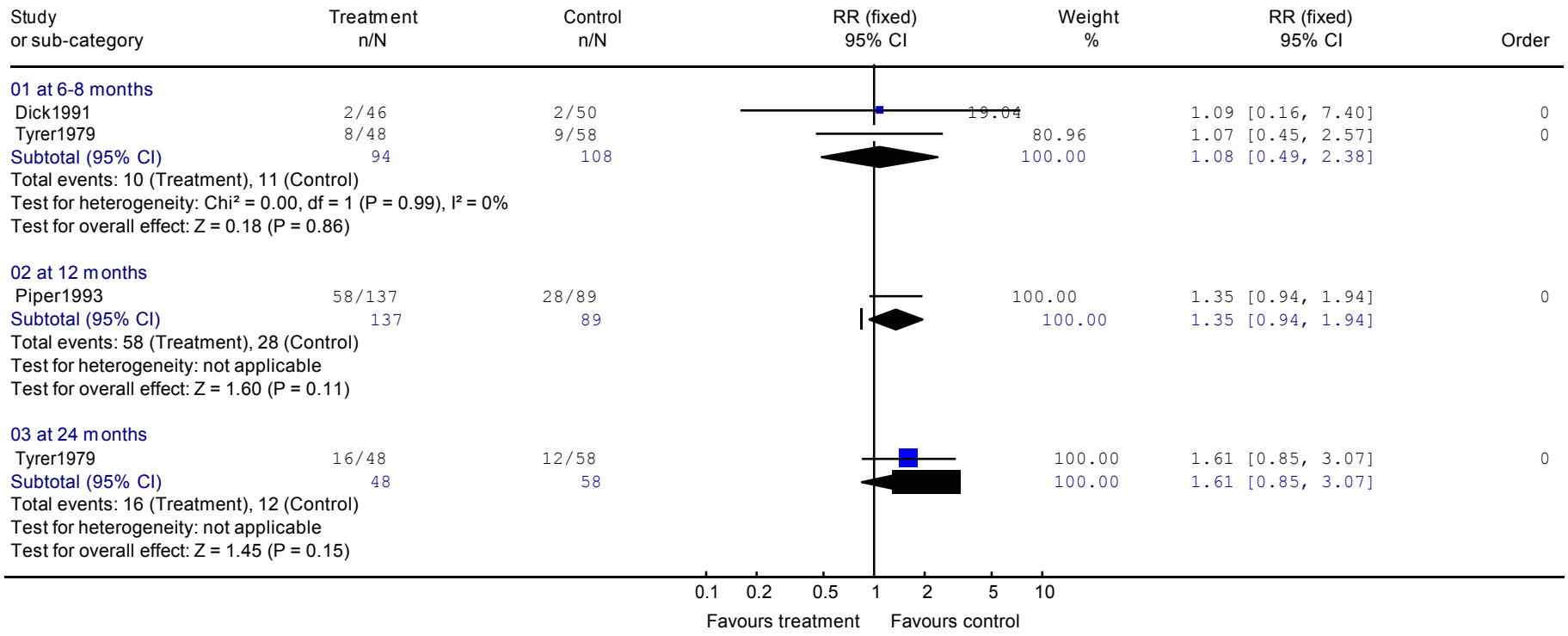
Review: Service: Day hospitals
Comparison: 02 Day hospital vs outpatient care
Outcome: 01 Deaths (all causes)

Study or sub-category	Treatment n/N	Control n/N	RR (fixed) 95% CI	Weight %	RR (fixed) 95% CI	Order
Tyrer1979	2/48	1/58		100.00	2.42 [0.23, 25.85]	0
Total (95% CI)	48	58		100.00	2.42 [0.23, 25.85]	

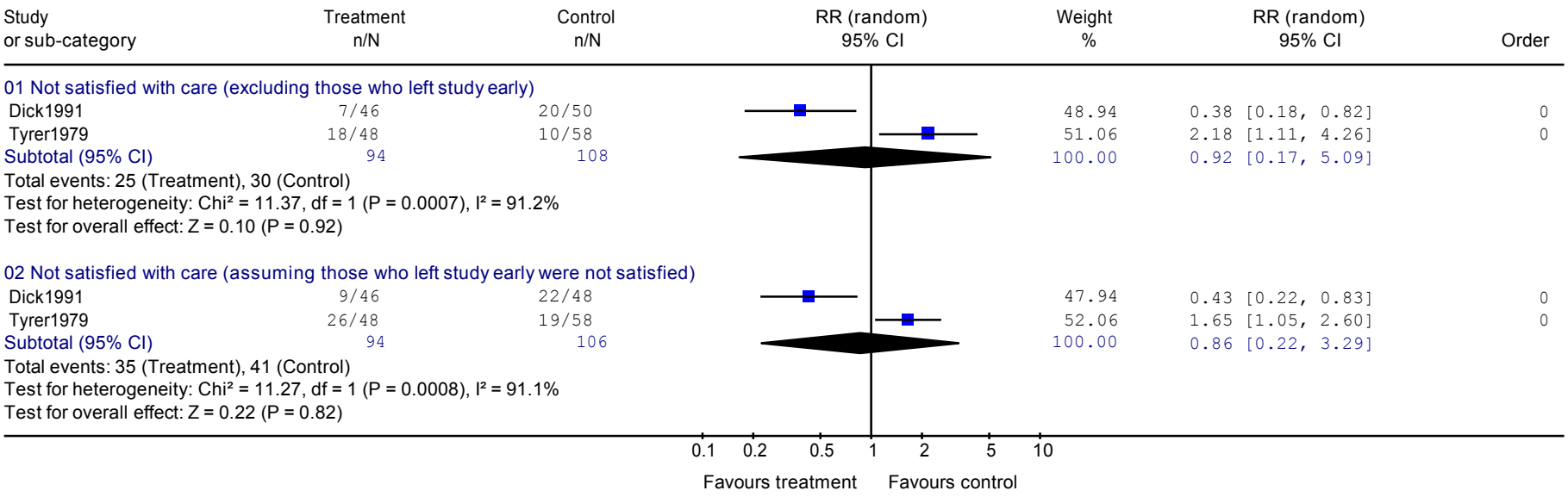
Total events: 2 (Treatment), 1 (Control)
Test for heterogeneity: not applicable
Test for overall effect: Z = 0.73 (P = 0.47)



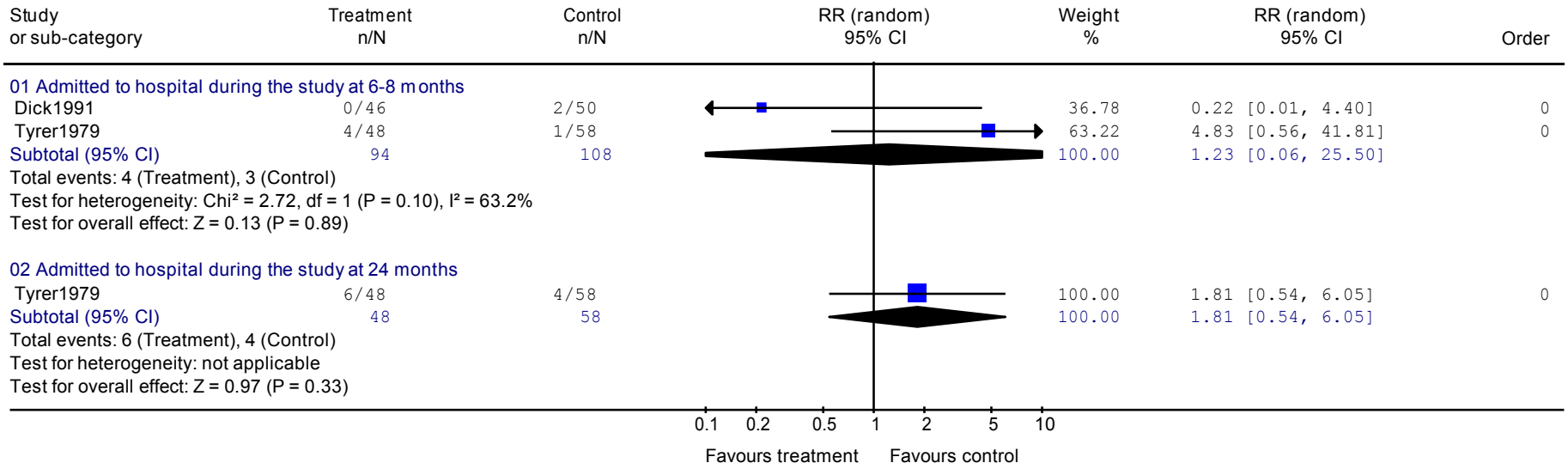
Review: Service: Day hospitals
Comparison: 02 Day hospital vs outpatient care
Outcome: 02 Number lost to follow-up



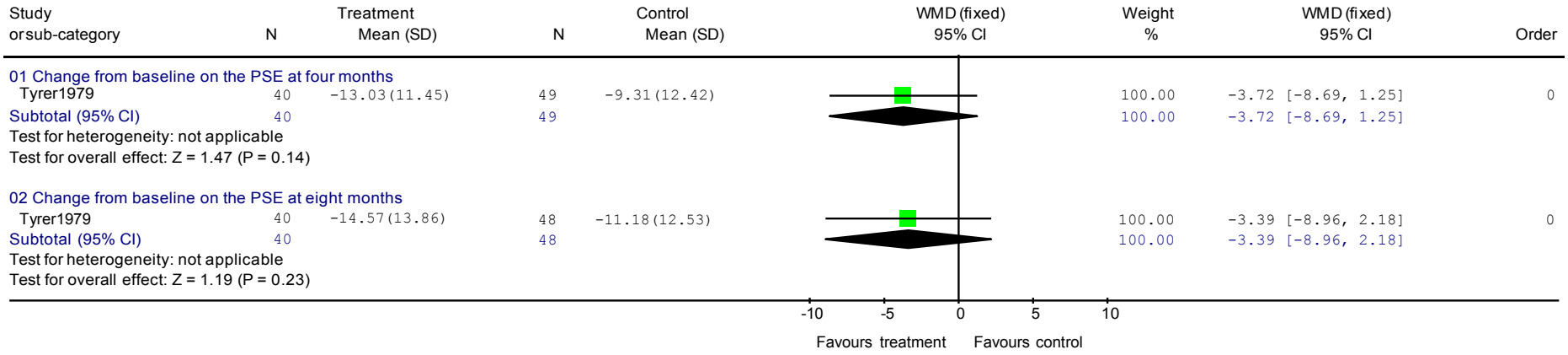
Review: Service: Day hospitals
Comparison: 02 Day hospital vs outpatient care
Outcome: 03 Satisfaction with care



Review: Service: Day hospitals
Comparison: 02 Day hospital vs outpatient care
Outcome: 04 Hosptial admissions

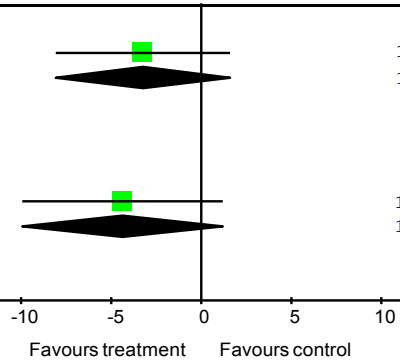


Review: Service: Day hospitals
Comparison: 02 Day hospital vs outpatient care
Outcome: 05 Mental state



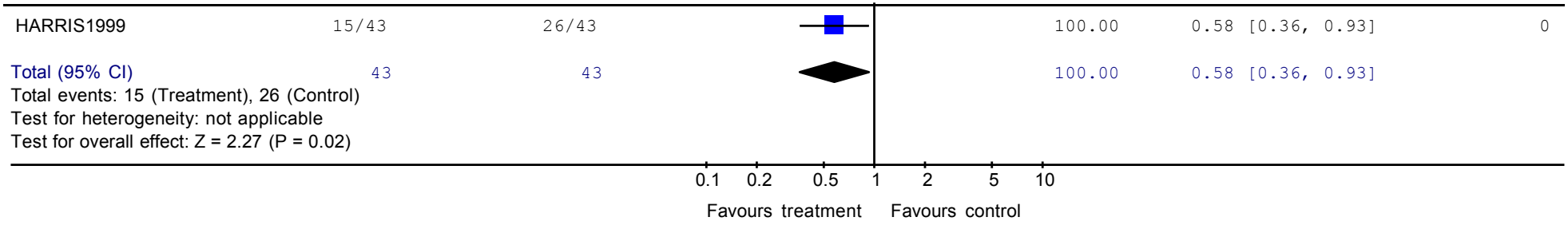
Review: Service: Day hospitals
Comparison: 02 Day hospital vs outpatient care
Outcome: 06 Social functioning

Study or sub-category	N	Treatment Mean (SD)	N	Control Mean (SD)	WMD (fixed) 95% CI	Weight %	WMD (fixed) 95% CI	Order
01 Change from baseline on the SFS at four months								
Tyrer1979	40	-10.62(12.12)	49	-7.38(10.87)		100.00	-3.24 [-8.07, 1.59]	0
Subtotal (95% CI)	40		49			100.00	-3.24 [-8.07, 1.59]	
Test for heterogeneity: not applicable								
Test for overall effect: Z = 1.31 (P = 0.19)								
02 Change from baseline on the SFS at eight months								
Tyrer1979	40	-13.42(14.94)	49	-9.04(11.03)		100.00	-4.38 [-9.95, 1.19]	0
Subtotal (95% CI)	40		49			100.00	-4.38 [-9.95, 1.19]	
Test for heterogeneity: not applicable								
Test for overall effect: Z = 1.54 (P = 0.12)								



Non-statutory support

Review: Service: Non-statutory support
Comparison: 01 Befriending versus wait list control
Outcome: 01 Non-remitters



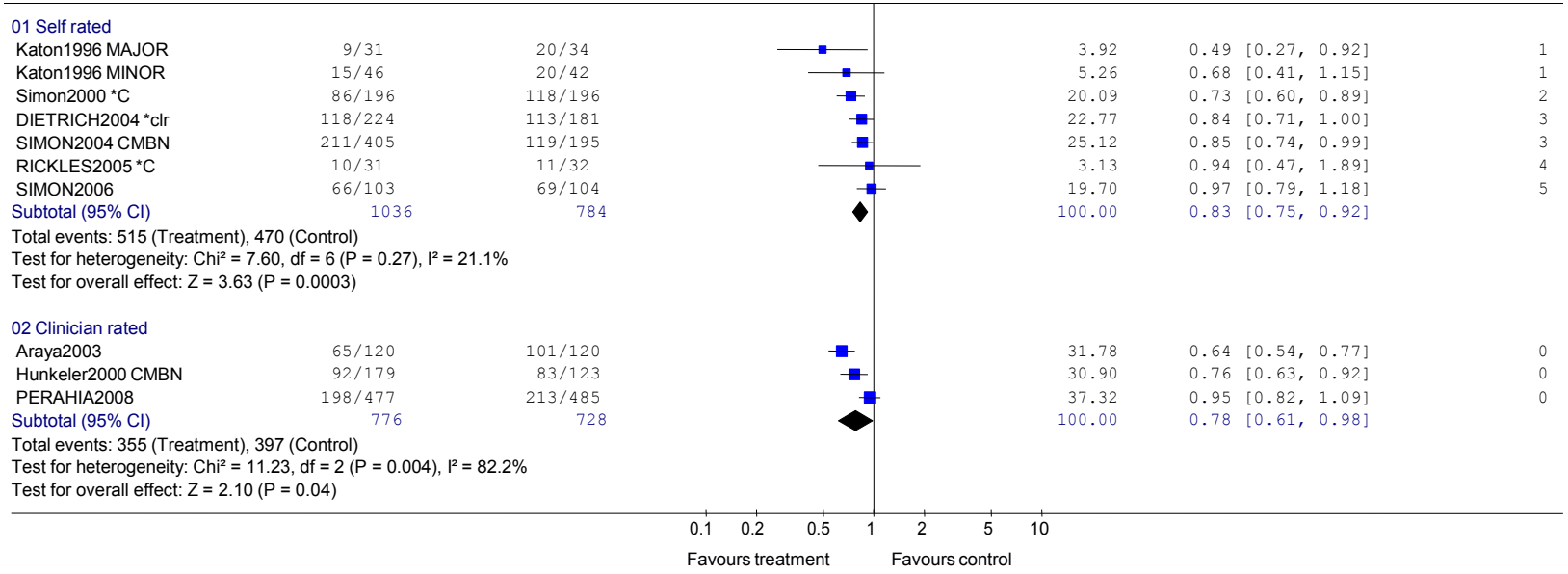
Collaborative care

Collaborative care (C-care) 01: Efficacy - pre-sensitivity analysis

C-care 01.01 Non-response at endpoint - ordered by year of publication

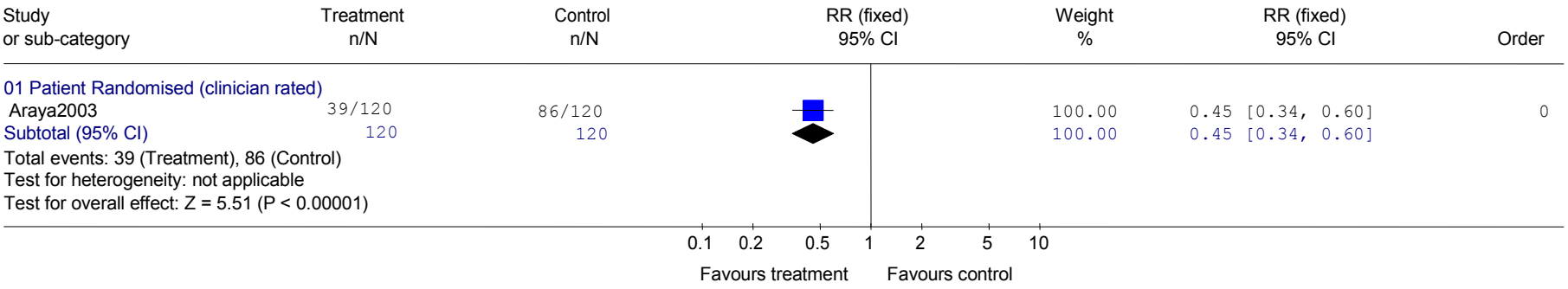
Review: Depression Update Service: Collaborative Care
Comparison: 01 Overall Efficacy v usual care - post ICC adjustment
Outcome: 01 Number not achieving =>50% reduction in outcome score at endpoint

Study or sub-category	Treatment n/N	Control n/N	RR (random) 95% CI	Weight %	RR (random) 95% CI	Order
01 Self rated						
Katon1996 MAJOR	9/31	20/34		3.92	0.49 [0.27, 0.92]	1
Katon1996 MINOR	15/46	20/42		5.26	0.68 [0.41, 1.15]	1
Simon2000 *C	86/196	118/196		20.09	0.73 [0.60, 0.89]	2
DIETRICH2004 *clr	118/224	113/181		22.77	0.84 [0.71, 1.00]	3
SIMON2004 CMBN	211/405	119/195		25.12	0.85 [0.74, 0.99]	3
RICKLES2005 *C	10/31	11/32		3.13	0.94 [0.47, 1.89]	4
SIMON2006	66/103	69/104		19.70	0.97 [0.79, 1.18]	5
Subtotal (95% CI)	1036	784		100.00	0.83 [0.75, 0.92]	
Total events: 515 (Treatment), 470 (Control)						
Test for heterogeneity: Chi² = 7.60, df = 6 (P = 0.27), I² = 21.1%						
Test for overall effect: Z = 3.63 (P = 0.0003)						
02 Clinician rated						
Araya2003	65/120	101/120		31.78	0.64 [0.54, 0.77]	0
Hunkeler2000 CMBN	92/179	83/123		30.90	0.76 [0.63, 0.92]	0
PERAHIA2008	198/477	213/485		37.32	0.95 [0.82, 1.09]	0
Subtotal (95% CI)	776	728		100.00	0.78 [0.61, 0.98]	
Total events: 355 (Treatment), 397 (Control)						
Test for heterogeneity: Chi² = 11.23, df = 2 (P = 0.004), I² = 82.2%						
Test for overall effect: Z = 2.10 (P = 0.04)						



C-care 01.02 Non-response at follow-up: 3 months

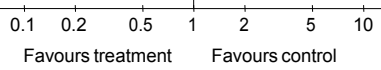
Review: Depression Update Service: Collaborative Care
Comparison: 01 Overall Efficacy v usual care - post ICC adjustment
Outcome: 02 Number not achieving =>50% reduction in outcome score at follow-up: 3 months



C-care 01.03 Non-remission at endpoint

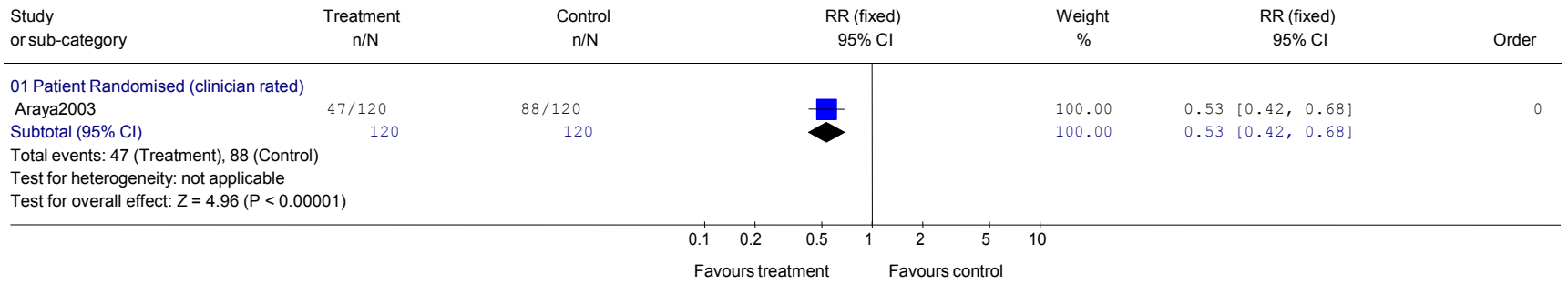
Review: Depression Update Service: Collaborative Care
Comparison: 01 Overall Efficacy v usual care - post ICC adjustment
Outcome: 03 Number not achieving remission at endpoint

Study or sub-category	Treatment n/N	Control n/N	RR (random) 95% CI	Weight %	RR (random) 95% CI	Order
02 Self rated						
DIETRICH2004 *clr	158/224	142/181		36.12	0.90 [0.80, 1.01]	0
ROST2001b *clr	64/115	66/96		23.17	0.81 [0.66, 1.00]	0
Wells1999 CMBN	423/582	217/282		40.72	0.94 [0.87, 1.02]	0
Subtotal (95% CI)	921	559		100.00	0.92 [0.86, 0.98]	
Total events: 645 (Treatment), 425 (Control)						
Test for heterogeneity: Chi² = 1.99, df = 2 (P = 0.37), I² = 0%						
Test for overall effect: Z = 2.67 (P = 0.008)						
03 Clinician rated						
Araya2003	70/120	104/120		43.85	0.67 [0.57, 0.80]	0
PERAHIA2008	269/477	279/485		56.15	0.98 [0.88, 1.09]	0
Subtotal (95% CI)	597	605		100.00	0.82 [0.56, 1.18]	
Total events: 339 (Treatment), 383 (Control)						
Test for heterogeneity: Chi² = 13.90, df = 1 (P = 0.0002), I² = 92.8%						
Test for overall effect: Z = 1.07 (P = 0.29)						
04 DSM criteria						
CHEWGRAHAM2007	17/53	26/52		17.11	0.64 [0.40, 1.03]	0
Katon1996 MAJOR	13/31	18/34		14.69	0.79 [0.47, 1.33]	0
Katon1996 MINOR	12/46	14/42		10.02	0.78 [0.41, 1.50]	0
LUDMAN2007 CMBN	29/78	11/26		14.13	0.88 [0.52, 1.50]	0
Mann1998b	84/271	40/148		31.89	1.15 [0.83, 1.58]	0
Simon2000 *C	16/196	28/196		12.15	0.57 [0.32, 1.02]	0
Subtotal (95% CI)	675	498		100.00	0.83 [0.66, 1.04]	
Total events: 171 (Treatment), 137 (Control)						
Test for heterogeneity: Chi² = 6.66, df = 5 (P = 0.25), I² = 25.0%						
Test for overall effect: Z = 1.60 (P = 0.11)						



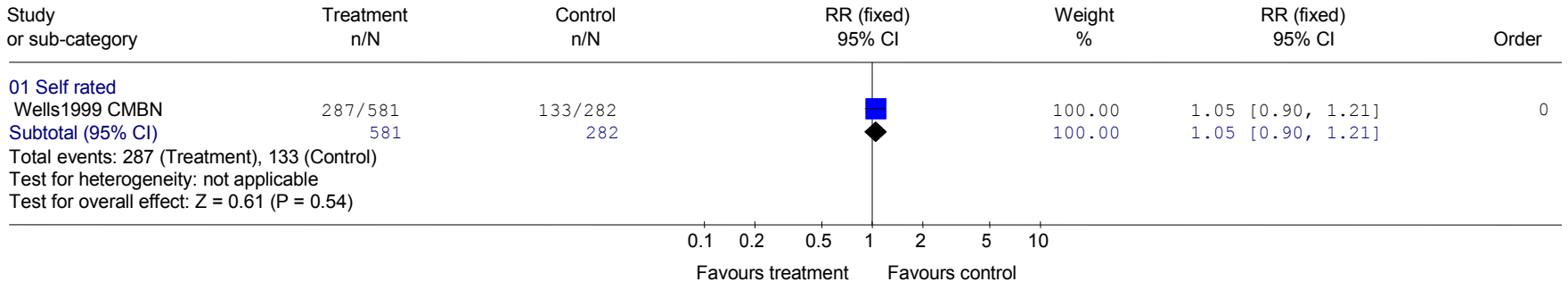
C-care 01.04 Non-remission at follow-up: 3 months

Review: Depression Update Service: Collaborative Care
Comparison: 01 Overall Efficacy v usual care - post ICC adjustment
Outcome: 04 Number not achieving remission at follow-up: 3 months



C- care 01.05 Non-remission at follow-up: 12 months

Review: Depression Update Service: Collaborative Care
Comparison: 01 Overall Efficacy v usual care - post ICC adjustment
Outcome: 05 Number not achieving remission at follow-up: 12 months

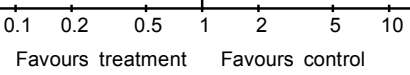


C-care 01.06 Relapse at endpoint

Review: Depression Update Service: Collaborative Care
Comparison: 01 Overall Efficacy v usual care - post ICC adjustment
Outcome: 06 Relapse Prevention

Study or sub-category	Treatment n/N	Control n/N	RR (fixed) 95% CI	Weight %	RR (fixed) 95% CI	Order
01 12 months						
Katon2001 Rlps Prvtn	22/194	23/192		100.00	0.95 [0.55, 1.64]	0
Subtotal (95% CI)	194	192		100.00	0.95 [0.55, 1.64]	

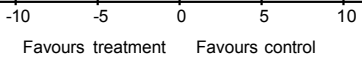
Total events: 22 (Treatment), 23 (Control)
Test for heterogeneity: not applicable
Test for overall effect: Z = 0.20 (P = 0.84)



C-care 01.07 Mean endpoint (clinician-rated and self-rated)

Review: Depression Update Service: Collaborative Care
Comparison: 01 Overall Efficacy v usual care - post ICC adjustment
Outcome: 07 Mean endpoint

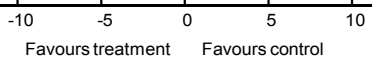
Study or sub-category	Treatment N	Treatment Mean (SD)	Control N	Control Mean (SD)	SMD (random) 95% CI	Weight %	SMD (random) 95% CI	Order
01 Clinician rated								
Araya2003	102	11.30 (10.31)	109	20.67 (3.52)		60.03	-1.23 [-1.52, -0.93]	0
MCMAHON2007	22	10.90 (7.80)	23	11.30 (7.40)		39.97	-0.05 [-0.64, 0.53]	0
Subtotal (95% CI)	124		132			100.00	-0.67 [-1.82, 0.48]	
Test for heterogeneity: Chi² = 12.41, df = 1 (P = 0.0004), I² = 91.9%								
Test for overall effect: Z = 1.14 (P = 0.26)								
02 Self rated								
ADLER2004	202	17.70 (11.82)	182	19.40 (11.82)		10.47	-0.14 [-0.34, 0.06]	0
CHEWGRAHAM2007	44	10.30 (13.00)	42	14.50 (14.50)		8.02	-0.30 [-0.73, 0.12]	0
DIETRICH2004 *clr	224	0.97 (0.80)	181	1.09 (0.74)		10.51	-0.15 [-0.35, 0.04]	0
DOBSCHA2006 *clr	189	1.63 (0.57)	186	1.62 (0.66)		10.45	0.02 [-0.19, 0.22]	0
Katon1996 MAJOR	31	1.02 (0.80)	34	1.82 (0.62)		6.93	-1.11 [-1.64, -0.59]	0
Katon1996 MINOR	46	1.30 (0.54)	42	1.45 (0.84)		8.09	-0.21 [-0.63, 0.21]	0
Katon1999	114	1.21 (1.34)	114	1.51 (1.39)		9.88	-0.22 [-0.48, 0.04]	0
MCMAHON2007	22	15.10 (10.90)	23	18.30 (14.00)		6.31	-0.25 [-0.84, 0.34]	0
PILLING2010	36	16.41 (13.62)	36	23.15 (12.16)		7.52	-0.52 [-0.99, -0.05]	0
RICHARDS2008	35	8.80 (7.02)	34	10.27 (7.51)		7.49	-0.20 [-0.67, 0.27]	0
RICKLES2005 *C	28	10.64 (9.99)	32	10.56 (9.06)		7.12	0.01 [-0.50, 0.52]	0
SMIT2006 *C	27	6.36 (4.68)	37	9.00 (7.94)		7.19	-0.39 [-0.89, 0.12]	0
Subtotal (95% CI)	998		943			100.00	-0.23 [-0.36, -0.10]	
Test for heterogeneity: Chi² = 19.51, df = 11 (P = 0.05), I² = 43.6%								
Test for overall effect: Z = 3.38 (P = 0.0007)								



C-care 01.08 Mean endpoint (self-rated) at follow-up: 3-4 months

Review: Depression Update Service: Collaborative Care
Comparison: 01 Overall Efficacy v usual care - post ICC adjustment
Outcome: 08 Mean endpoint scores at follow-up: 3-4 months

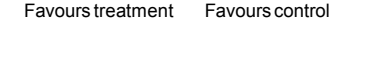
Study or sub-category	N	Treatment Mean (SD)	N	Control Mean (SD)	SMD (random) 95% CI	Weight %	SMD (random) 95% CI	Order
01 self rated								
Katon1996 MAJOR	31	1.02(0.65)	34	1.29(0.68)		33.04	-0.40 [-0.89, 0.09]	0
Katon1996 MINOR	46	1.05(1.09)	42	1.38(1.04)		34.19	-0.31 [-0.73, 0.11]	0
PILLING2010	32	16.94(12.90)	29	21.97(11.34)		32.77	-0.41 [-0.92, 0.10]	0
Subtotal (95% CI)	109		105			100.00	-0.36 [-0.63, -0.09]	
Test for heterogeneity: Chi² = 0.12, df = 2 (P = 0.94), I² = 0%								
Test for overall effect: Z = 2.63 (P = 0.008)								
02 Clinician rated								
Araya2003	104	7.67(6.92)	107	16.67(4.54)		100.00	-1.54 [-1.84, -1.23]	0
Subtotal (95% CI)	104		107			100.00	-1.54 [-1.84, -1.23]	
Test for heterogeneity: not applicable								
Test for overall effect: Z = 9.79 (P < 0.00001)								



C-care 01.09 Mean change at endpoint (clinician-rated)

Review: Depression Update Service: Collaborative Care
Comparison: 01 Overall Efficacy v usual care - post ICC adjustment
Outcome: 09 Mean change at endpoint

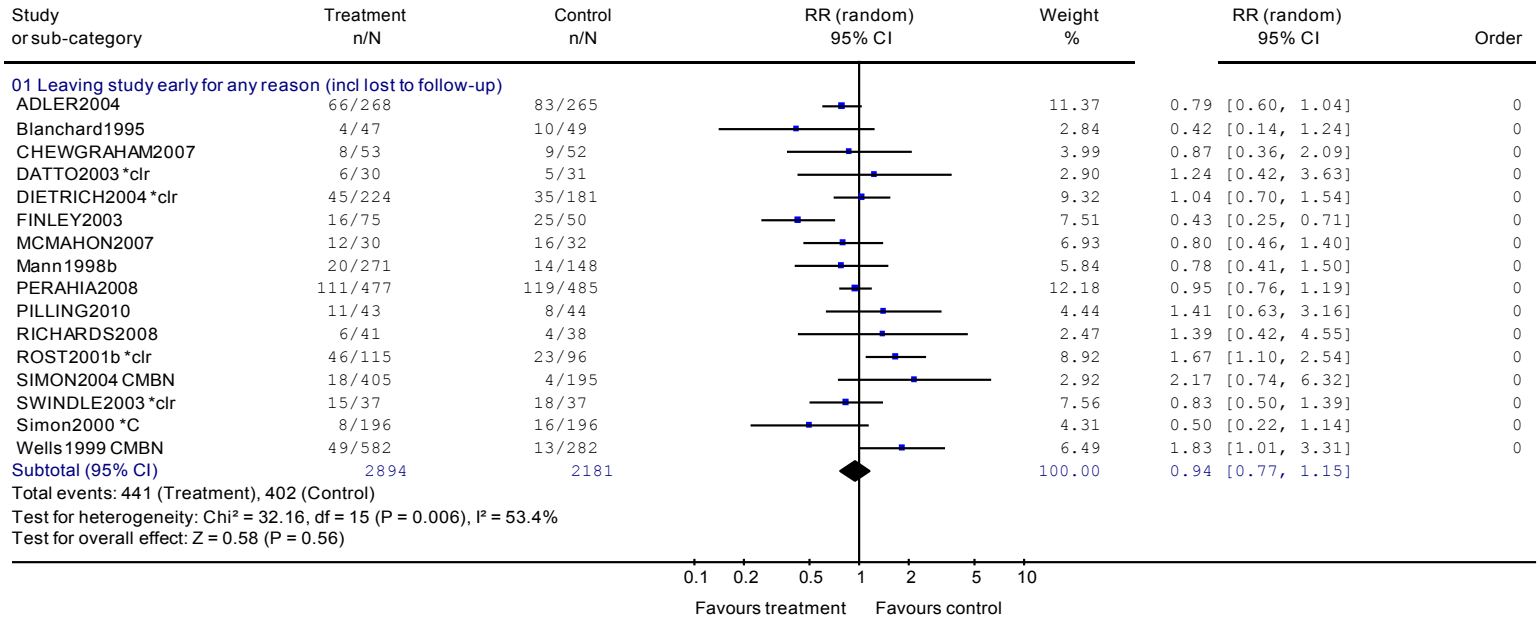
Study or sub-category	N	Treatment Mean (SD)	N	Control Mean (SD)	SMD (fixed) 95% CI	Weight %	SMD (fixed) 95% CI	Order
01 Clinician rated								
PERAHIA2008	477	-12.59(8.74)	481	-12.42(8.77)		100.00	-0.02 [-0.15, 0.11]	0
Subtotal (95% CI)	477		481			100.00	-0.02 [-0.15, 0.11]	
Test for heterogeneity: not applicable								
Test for overall effect: Z = 0.30 (P = 0.76)								



Collaborative care (C-care) 02: Acceptability and tolerability - pre-sensitivity analysis

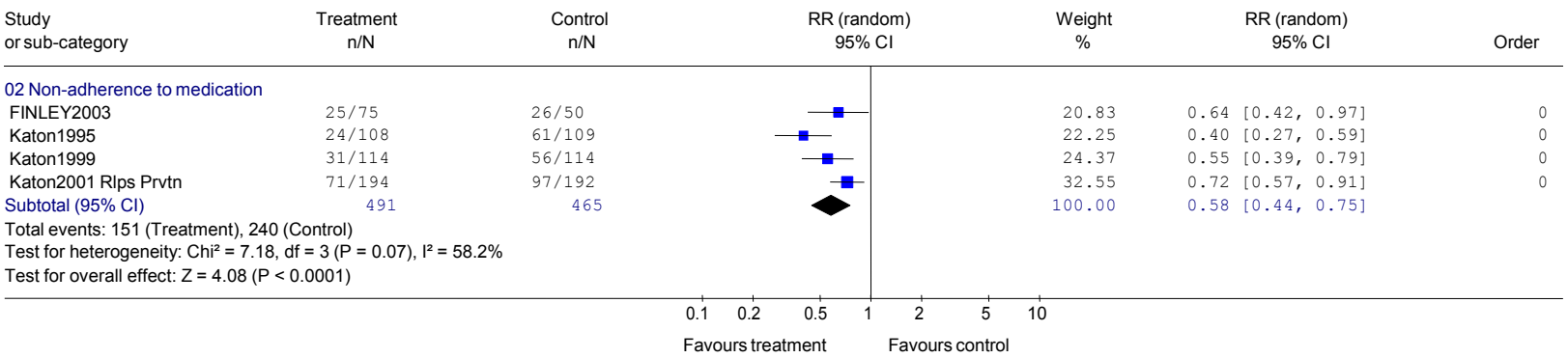
C-care 02.01 Dropout at endpoint

Review: Depression Update Service: Collaborative Care
Comparison: 02 Overall acceptability and tolerabiity v usual care - post ICC adjustment
Outcome: 01 Attrition



C-care 02.02 Non-adherence to medication at endpoint

Review: Depression Update Service: Collaborative Care
Comparison: 02 Overall acceptability and tolerability v usual care - post ICC adjustment
Outcome: 02 Adherence

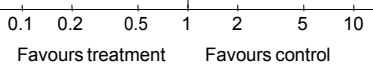


Collaborative care (C-care) 03: Efficacy - sensitivity analysis

03.01 Non-response at endpoint - ordered by year of publication

Review: Depression Update Service: Collaborative Care
Comparison: 03 Overall efficacy - sensitivity analysis
Outcome: 01 Number not achieving =>50% reduction in outcome score at endpoint

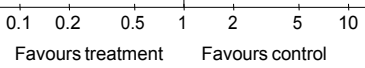
Study or sub-category	Treatment n/N	Control n/N	RR (random) 95% CI	Weight %	RR (random) 95% CI	Order
01 Self rated						
Katon1996 MAJOR	9/31	20/34		2.70	0.49 [0.27, 0.92]	1
Katon1996 MINOR	15/46	20/42		3.72	0.68 [0.41, 1.15]	1
Simon2000 *C	86/196	118/196		19.74	0.73 [0.60, 0.89]	2
DIETRICH2004 *clr	118/224	113/181		24.09	0.84 [0.71, 1.00]	3
SIMON2004 CMBN	211/405	119/195		28.46	0.85 [0.74, 0.99]	3
RICKLES2005 *C	10/31	11/32		2.13	0.94 [0.47, 1.89]	4
SIMON2006	66/103	69/104		19.17	0.97 [0.79, 1.18]	5
Subtotal (95% CI)	1036	784		100.00	0.83 [0.75, 0.92]	
Total events: 515 (Treatment), 470 (Control)						
Test for heterogeneity: Chi² = 7.60, df = 6 (P = 0.27), I² = 21.1%						
Test for overall effect: Z = 3.63 (P = 0.0003)						
02 Clinician rated						
Hunkeler2000 CMBN	92/179	83/123		42.27	0.76 [0.63, 0.92]	1
PERAHIA2008	198/477	213/485		57.73	0.95 [0.82, 1.09]	2
Subtotal (95% CI)	656	608		100.00	0.86 [0.69, 1.06]	
Total events: 290 (Treatment), 296 (Control)						
Test for heterogeneity: Chi² = 3.24, df = 1 (P = 0.07), I² = 69.2%						
Test for overall effect: Z = 1.43 (P = 0.15)						



C-care 03.02 Non-remission at endpoint

Review: Depression Update Service: Collaborative Care
Comparison: 03 Overall efficacy - sensitivity analysis
Outcome: 02 Number not achieving remission at endpoint

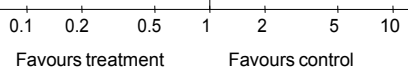
Study or sub-category	Treatment n/N	Control n/N	RR (fixed) 95% CI	Weight %	RR (fixed) 95% CI	Order
02 Self rated						
DIETRICH2004 *clr	158/224	142/181		30.13	0.90 [0.80, 1.01]	0
ROST2001b *clr	64/115	66/96		13.80	0.81 [0.66, 1.00]	0
Wells1999 CMBN	423/582	217/282		56.07	0.94 [0.87, 1.02]	0
Subtotal (95% CI)	921	559		100.00	0.91 [0.86, 0.97]	
Total events: 645 (Treatment), 425 (Control)						
Test for heterogeneity: Chi² = 1.99, df = 2 (P = 0.37), I² = 0%						
Test for overall effect: Z = 2.83 (P = 0.005)						
03 Clinician rated						
PERAHIA2008	269/477	279/485	100.00		0.98 [0.88, 1.09]	0
Subtotal (95% CI)	477	485	100.00		0.98 [0.88, 1.09]	
Total events: 269 (Treatment), 279 (Control)						
Test for heterogeneity: not applicable						
Test for overall effect: Z = 0.35 (P = 0.72)						
04 DSM criteria						
CHEWGRAHAM2007	17/53	26/52		17.01	0.64 [0.40, 1.03]	0
Katon1996 MAJOR	13/31	18/34		11.13	0.79 [0.47, 1.33]	0
Katon1996 MINOR	12/46	14/42		9.49	0.78 [0.41, 1.50]	0
LUDMAN2007 CMBN	29/78	11/26		10.69	0.88 [0.52, 1.50]	0
Mann1998b	84/271	40/148		33.53	1.15 [0.83, 1.58]	0
Simon2000 *C	16/196	28/196		18.15	0.57 [0.32, 1.02]	0
Subtotal (95% CI)	675	498		100.00	0.85 [0.70, 1.04]	
Total events: 171 (Treatment), 137 (Control)						
Test for heterogeneity: Chi² = 6.66, df = 5 (P = 0.25), I² = 25.0%						
Test for overall effect: Z = 1.60 (P = 0.11)						



C-care 03.03 Non-remission at follow-up: 12 months

Review: Depression Update Service: Collaborative Care
Comparison: 03 Overall efficacy - sensitivity analysis
Outcome: 03 Number not achieving remission at follow-up: 12 months

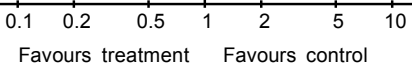
Study or sub-category	Treatment n/N	Control n/N	RR (fixed) 95% CI	Weight %	RR (fixed) 95% CI	Order
01 Self rated						
Wells1999 CMBN	287/581	133/282		100.00	1.05 [0.90, 1.21]	0
Subtotal (95% CI)	581	282		100.00	1.05 [0.90, 1.21]	
Total events: 287 (Treatment), 133 (Control)						
Test for heterogeneity: not applicable						
Test for overall effect: Z = 0.61 (P = 0.54)						



C-care 03.04 Relapse at endpoint

Review: Depression Update Service: Collaborative Care
Comparison: 03 Overall efficacy - sensitivity analysis
Outcome: 04 Relapse Prevention

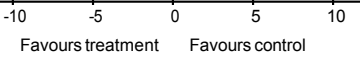
Study or sub-category	Treatment n/N	Control n/N	RR (fixed) 95% CI	Weight %	RR (fixed) 95% CI	Order
01 12 months						
Katon2001 Rlps Prvtn	22/194	23/192		100.00	0.95 [0.55, 1.64]	0
Subtotal (95% CI)	194	192		100.00	0.95 [0.55, 1.64]	
Total events: 22 (Treatment), 23 (Control)						
Test for heterogeneity: not applicable						
Test for overall effect: Z = 0.20 (P = 0.84)						



C-care 03.05 Mean endpoint (clinician-rated and self-rated)

Review: Depression Update Service: Collaborative Care
Comparison: 03 Overall efficacy - sensitivity analysis
Outcome: 05 Mean endpoint

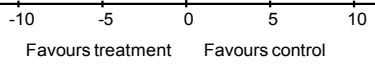
Study or sub-category	N	Treatment Mean (SD)	N	Control Mean (SD)	SMD (fixed) 95% CI	Weight %	SMD (fixed) 95% CI	Order
01 Clinician rated								
MCMAHON2007	22	10.90(7.80)	23	11.30(7.40)		100.00	-0.05 [-0.64, 0.53]	0
Subtotal (95% CI)	22		23			100.00	-0.05 [-0.64, 0.53]	
Test for heterogeneity: not applicable								
Test for overall effect: Z = 0.17 (P = 0.86)								
02 Self rated								
SMIT2006 *C	27	6.36(4.68)	37	9.00(7.94)		3.30	-0.39 [-0.89, 0.12]	0
Katon1996 MINOR	46	1.30(0.54)	42	1.45(0.84)		4.70	-0.21 [-0.63, 0.21]	1
Katon1999	114	1.21(1.34)	114	1.51(1.39)		12.19	-0.22 [-0.48, 0.04]	2
ADLER2004	202	17.70(11.82)	182	19.40(11.82)		20.55	-0.14 [-0.34, 0.06]	3
DIETRICH2004 *clr	224	0.97(0.80)	181	1.09(0.74)		21.48	-0.15 [-0.35, 0.04]	3
RICKLES2005 *C	28	10.64(9.99)	32	10.56(9.06)		3.21	0.01 [-0.50, 0.52]	4
DOBSCHA2006 *clr	189	1.63(0.57)	186	1.62(0.66)		20.17	0.02 [-0.19, 0.22]	5
CHEWGRAHAM2007	44	10.30(13.00)	42	14.50(14.50)		4.57	-0.30 [-0.73, 0.12]	6
MCMAHON2007	22	15.10(10.90)	23	18.30(14.00)		2.40	-0.25 [-0.84, 0.34]	6
RICHARDS2008	35	8.80(7.02)	34	10.27(7.51)		3.69	-0.20 [-0.67, 0.27]	7
PILLING2010	36	16.41(13.62)	36	23.15(12.16)		3.74	-0.52 [-0.99, -0.05]	8
Subtotal (95% CI)	967		909			100.00	-0.16 [-0.25, -0.06]	
Test for heterogeneity: Chi² = 7.15, df = 10 (P = 0.71), I² = 0%								
Test for overall effect: Z = 3.34 (P = 0.0008)								



C-care 03.06 Mean endpoint (self-rated) at follow-up: 3-4 months

Review: Depression Update Service: Collaborative Care
Comparison: 03 Overall efficacy - sensitivity analysis
Outcome: 06 Mean endpoint scores (self-rated) at follow-up: 3-4 months

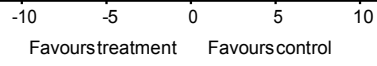
Study or sub-category	N	Treatment Mean (SD)	N	Control Mean (SD)	SMD (fixed) 95% CI	Weight %	SMD (fixed) 95% CI	Order
01 self rated								
Katon1996 MAJOR	31	1.02(0.65)	34	1.29(0.68)		30.27	-0.40 [-0.89, 0.09]	0
Katon1996 MINOR	46	1.05(1.09)	42	1.38(1.04)		41.35	-0.31 [-0.73, 0.11]	0
PILLING2010	32	16.94(12.90)	29	21.97(11.34)		28.38	-0.41 [-0.92, 0.10]	0
Subtotal (95% CI)	109		105			100.00	-0.36 [-0.63, -0.09]	
Test for heterogeneity: Chi² = 0.12, df = 2 (P = 0.94), I² = 0%								
Test for overall effect: Z = 2.63 (P = 0.008)								



C-care 03.07 Mean change at endpoint

Review: Depression Update Service: Collaborative Care
Comparison: 03 Overall efficacy - sensitivity analysis
Outcome: 07 Mean change at endpoint

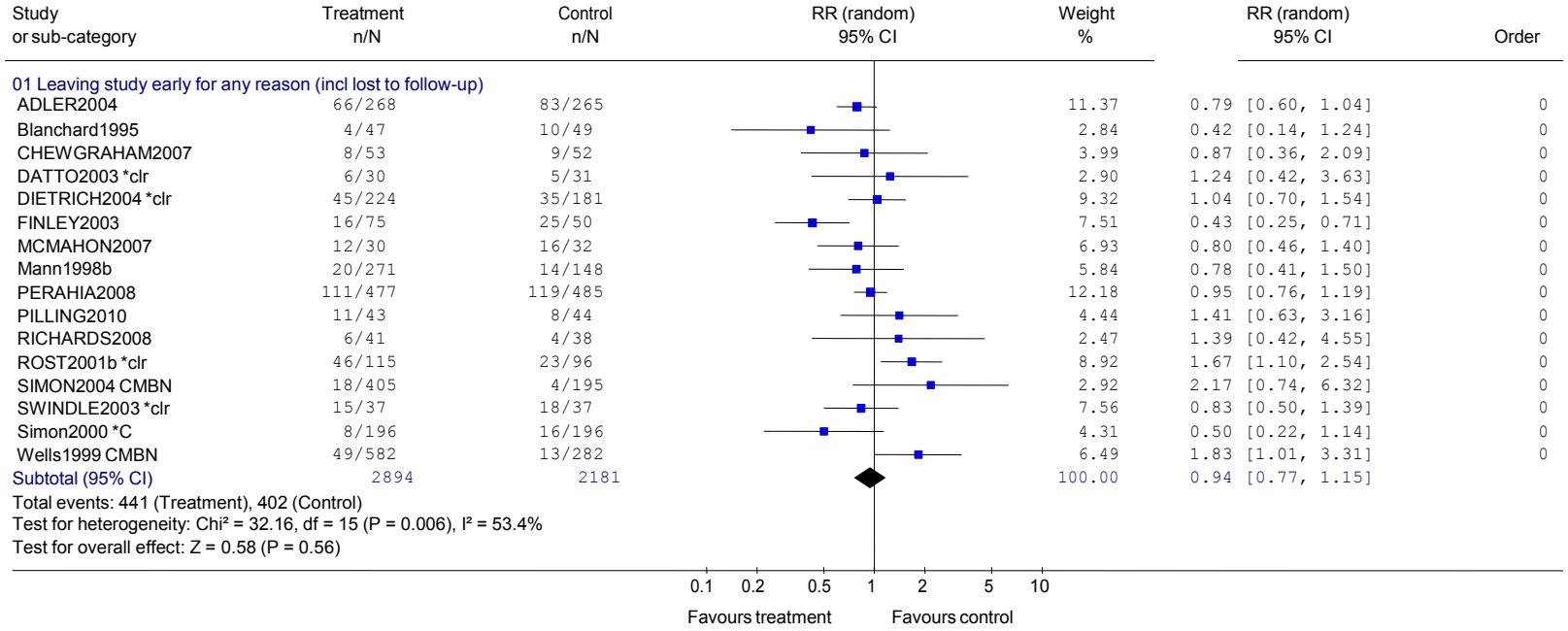
Study or sub-category	N	Treatment Mean (SD)	N	Control Mean (SD)	SMD (fixed) 95% CI	Weight %	SMD (fixed) 95% CI	Order
01 Clinician rated								
PERAHIA2008	477	- 12.59(8.74)	481	-12.42(8.77)		100.00	-0.02 [-0.15, 0.11]	0
Subtotal (95% CI)			481			100.00	-0.02 [-0.15, 0.11]	
Test for heterogeneity: not applicable								
Test for overall effect: Z = 0.30 (P = 0.76)								



Collaborative care (C-care) 04: Acceptability and tolerability - sensitivity analysis

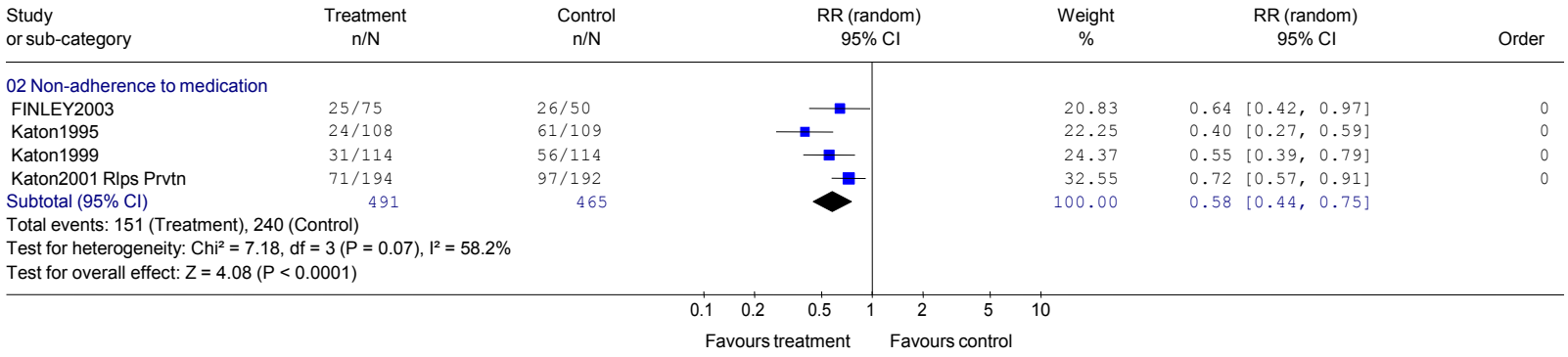
C-care 04.01 Dropout at endpoint

Review: Depression Update Service: Collaborative Care
Comparison: 04 Overall acceptability and tolerability v usual care - sensitivity analysis
Outcome: 01 Attrition



C-care 04.02 Non-adherence to medication at endpoint

Review: Depression Update Service: Collaborative Care
Comparison: 04 Overall acceptability and tolerability v usual care - sensitivity analysis
Outcome: 02 Adherence

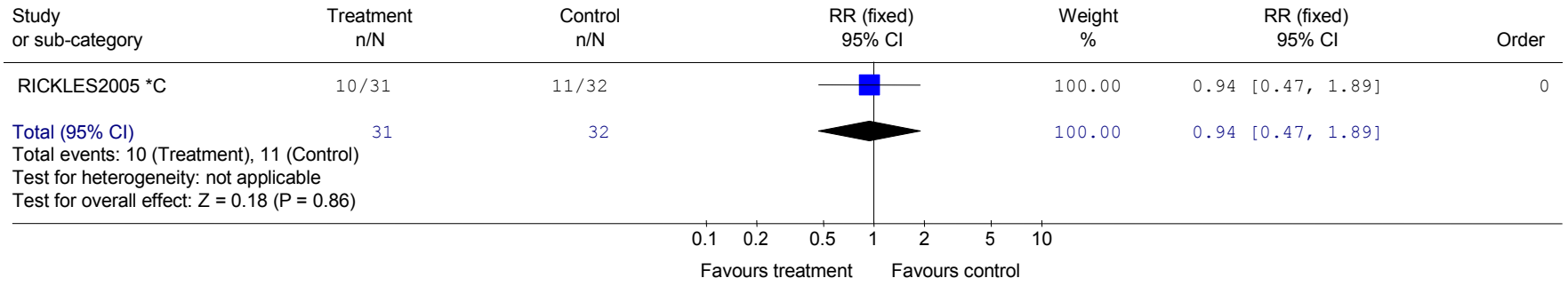


Medication management

Medication management (Med-man) 01: Efficacy

Med-man 01.01 Non-response at endpoint

Review: Depression Update Service: Medication Management
Comparison: 01 Overall Efficacy (v usual care)
Outcome: 01 Number not achieving =/>50% reduction in outcome score

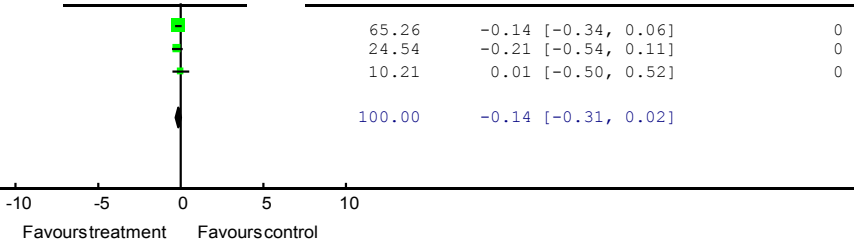


Med-man 01.02 Mean endpoint (self-rated)

Review: Depression Update Service: Medication Management
Comparison: 01 Overall Efficacy (v usual care)
Outcome: 02 Mean endpoint (self rated)

Study or sub-category	N	Treatment Mean (SD)	N	Control Mean (SD)	SMD (fixed) 95% CI	Weight %	SMD (fixed) 95% CI	Order
ADLER2004	202	17.70(11.82)	182	19.40(11.82)		65.26	-0.14 [-0.34, 0.06]	0
PEVELER1999	105	4.60(4.50)	55	5.50(3.60)		24.54	-0.21 [-0.54, 0.11]	0
RICKLES2005 *C	28	10.64(9.99)	32	10.56(9.06)		10.21	0.01 [-0.50, 0.52]	0
Total (95% CI)	335		269			100.00	-0.14 [-0.31, 0.02]	

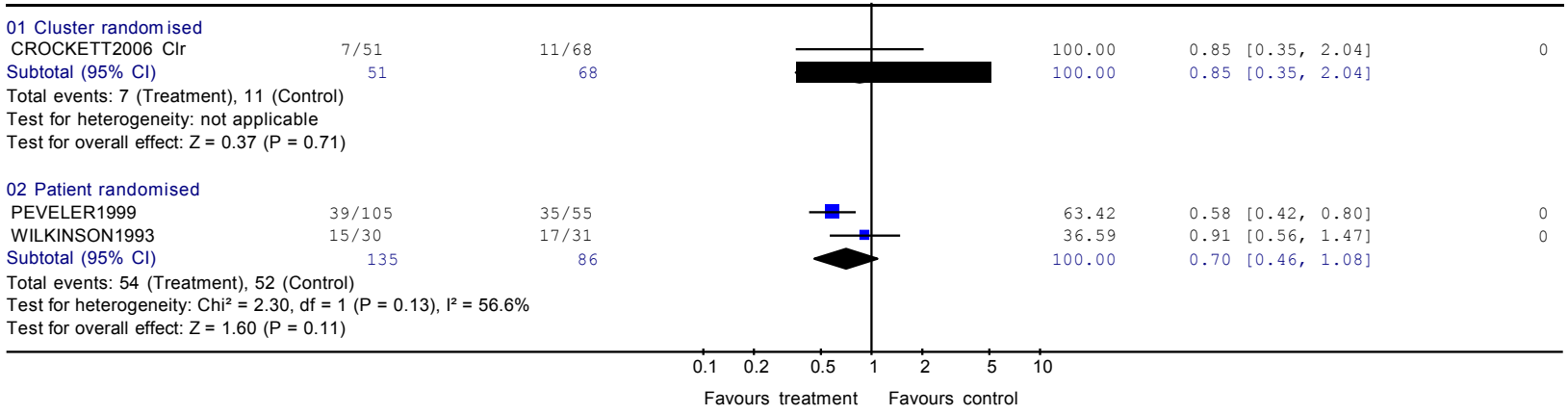
Test for heterogeneity: Chi² = 0.52, df = 2 (P = 0.77), I² = 0%
Test for overall effect: Z = 1.75 (P = 0.08)



Med-man 01.03 Non-adherence to medication at endpoint

Review: Depression Update Service: Medication Management
Comparison: 01 Overall Efficacy (v usual care)
Outcome: 03 Non-adherence to medication

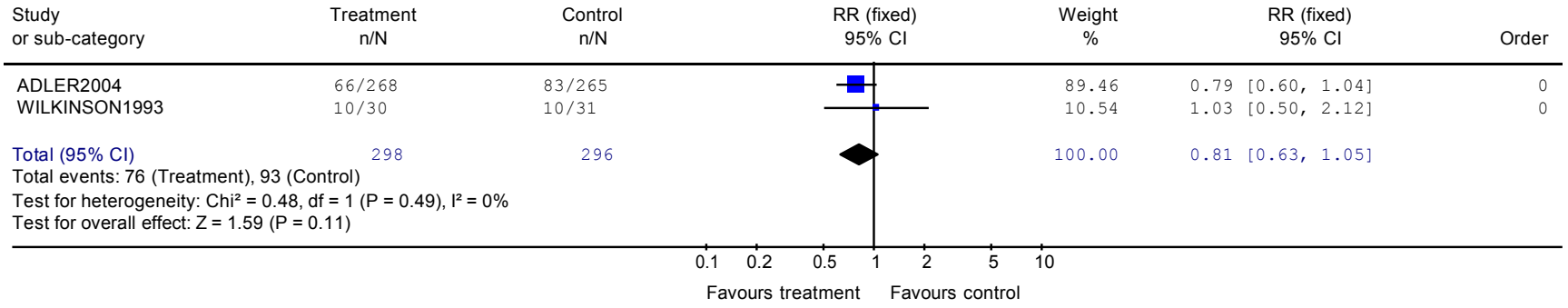
Study or sub-category	Treatment n/N	Control n/N	RR (random) 95% CI	Weight %	RR (random) 95% CI	Order
01 Cluster randomised						
CROCKETT2006 Clr	7/51	11/68		100.00	0.85 [0.35, 2.04]	0
Subtotal (95% CI)	51	68		100.00	0.85 [0.35, 2.04]	
Total events: 7 (Treatment), 11 (Control)						
Test for heterogeneity: not applicable						
Test for overall effect: Z = 0.37 (P = 0.71)						
02 Patient randomised						
PEVELER1999	39/105	35/55		63.42	0.58 [0.42, 0.80]	0
WILKINSON1993	15/30	17/31		36.59	0.91 [0.56, 1.47]	0
Subtotal (95% CI)	135	86		100.00	0.70 [0.46, 1.08]	
Total events: 54 (Treatment), 52 (Control)						
Test for heterogeneity: Chi² = 2.30, df = 1 (P = 0.13), I² = 56.6%						
Test for overall effect: Z = 1.60 (P = 0.11)						



Medication management (Med-man) 02: Acceptability and tolerability

Med-man 02.01 Dropout at endpoint

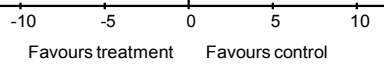
Review: Depression Update Service: Medication Management
Comparison: 02 Tolerability and acceptability (v usual care)
Outcome: 01 Leaving study early for any reason (incl lost to follow-up)



Attached professional

Attached professional 01: Efficacy

Mean endpoint (self-rated and clinician-rated)

Review: Dep Up Service Attached Professional v Usual Care/WLc (mean endpoint only)
Comparison: 01 Attached Professional (all) v Control (WLc/GPcare)
Outcome: 01 Depression scores: continuous measures at endpoint

Study or sub-category	Treatment N	Treatment Mean (SD)	Control N	Control Mean (SD)	SMD (random) 95% CI	Weight %	SMD (random) 95% CI	Order
03 BDI								
Scott1997 CBT v GPc	18	17.70(10.00)	16	22.70(11.20)		11.85	-0.46 [-1.14, 0.22]	0
Simpson03 CNSLNGvGPc	60	15.30(10.30)	55	15.00(8.10)		41.34	0.03 [-0.33, 0.40]	0
Ward00 CNSLING v GPc	67	12.90(9.30)	67	18.30(12.40)		46.82	-0.49 [-0.83, -0.15]	0
Subtotal (95% CI)	145		138			100.00	-0.28 [-0.66, 0.10]	
Test for heterogeneity: Chi² = 4.49, df = 2 (P = 0.11), I² = 55.5%								
Test for overall effect: Z = 1.46 (P = 0.14)								
04 HAMD								
Schulberg96 IPTv GPc	93	12.17(8.68)	92	15.26(8.68)		66.84	-0.35 [-0.65, -0.06]	0
Scott1992 CBT v GPc	29	6.70(6.10)	29	8.40(7.50)		21.12	-0.25 [-0.76, 0.27]	0
Scott1997 CBT v GPc	18	13.50(5.30)	16	16.50(6.80)		12.04	-0.48 [-1.17, 0.20]	0
Subtotal (95% CI)	140		137			100.00	-0.35 [-0.58, -0.11]	
Test for heterogeneity: Chi² = 0.31, df = 2 (P = 0.86), I² = 0%								
Test for overall effect: Z = 2.86 (P = 0.004)