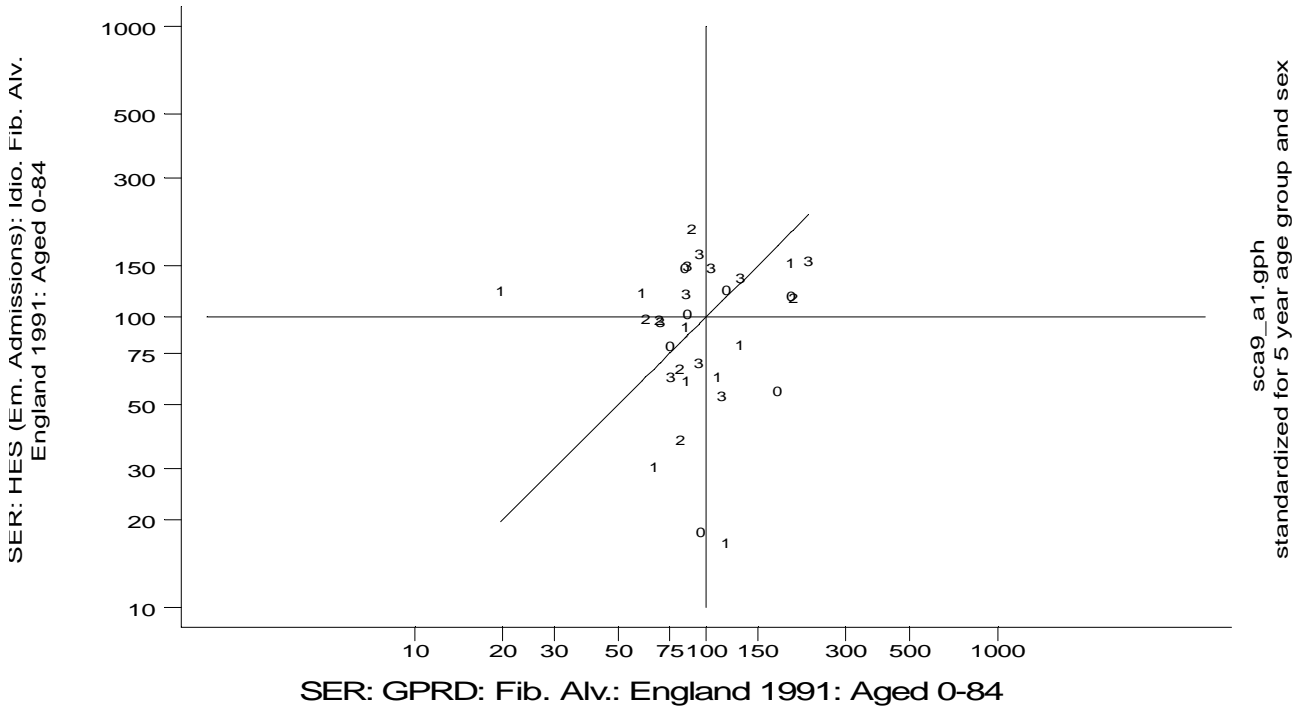
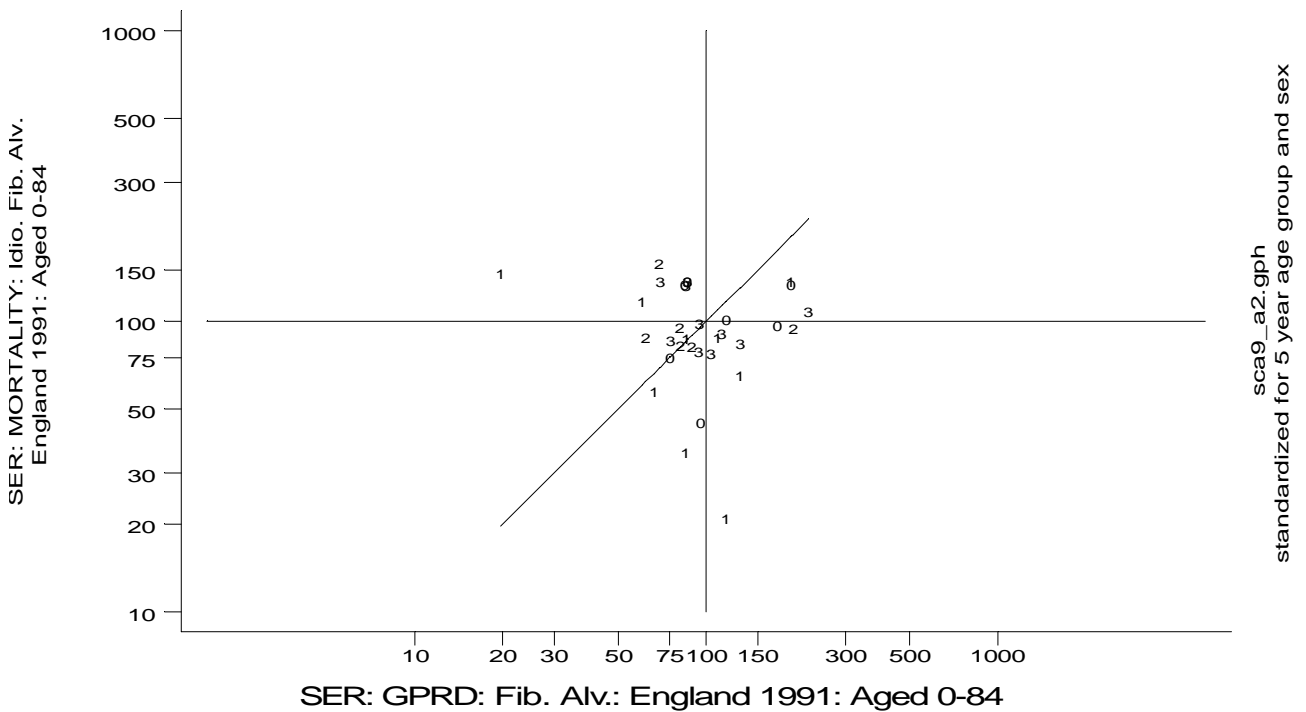


- region and urban-rural comparisons between GPRD, HES and Mortality, England 1991, ages 0-84

“HES vs. GPRD”



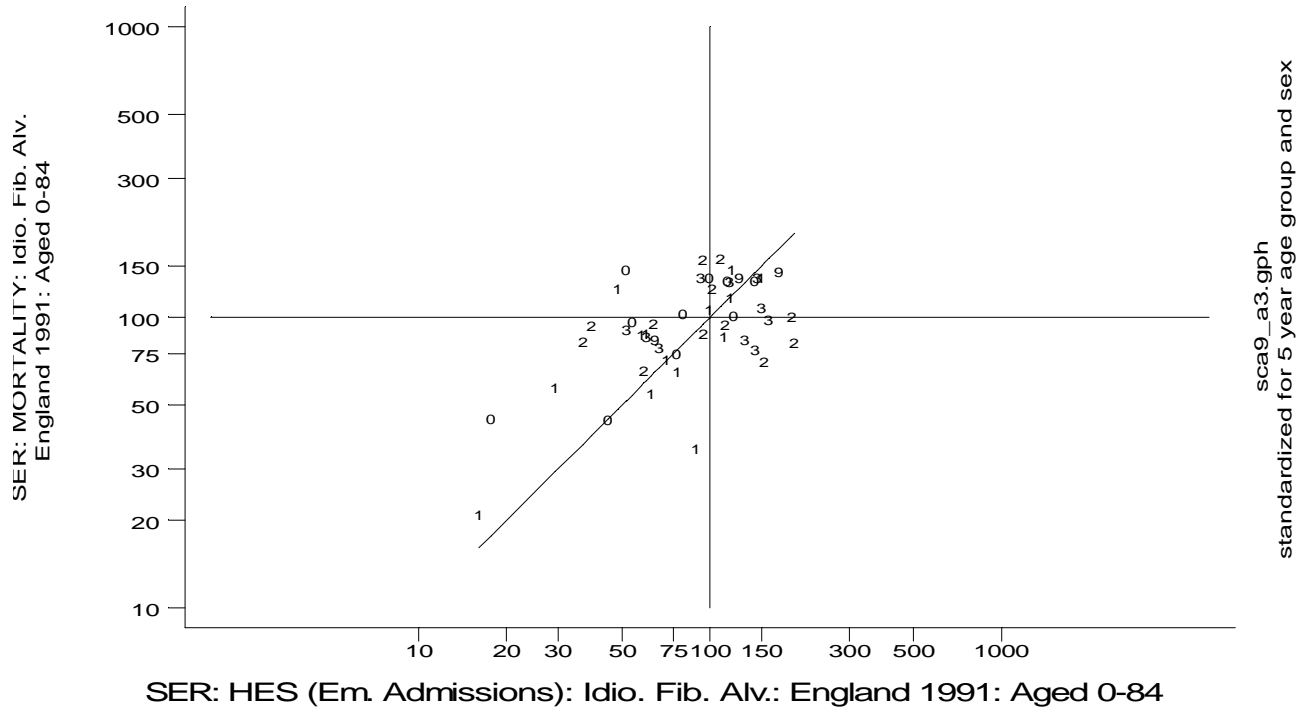
“MORTALITY vs. GPRD”



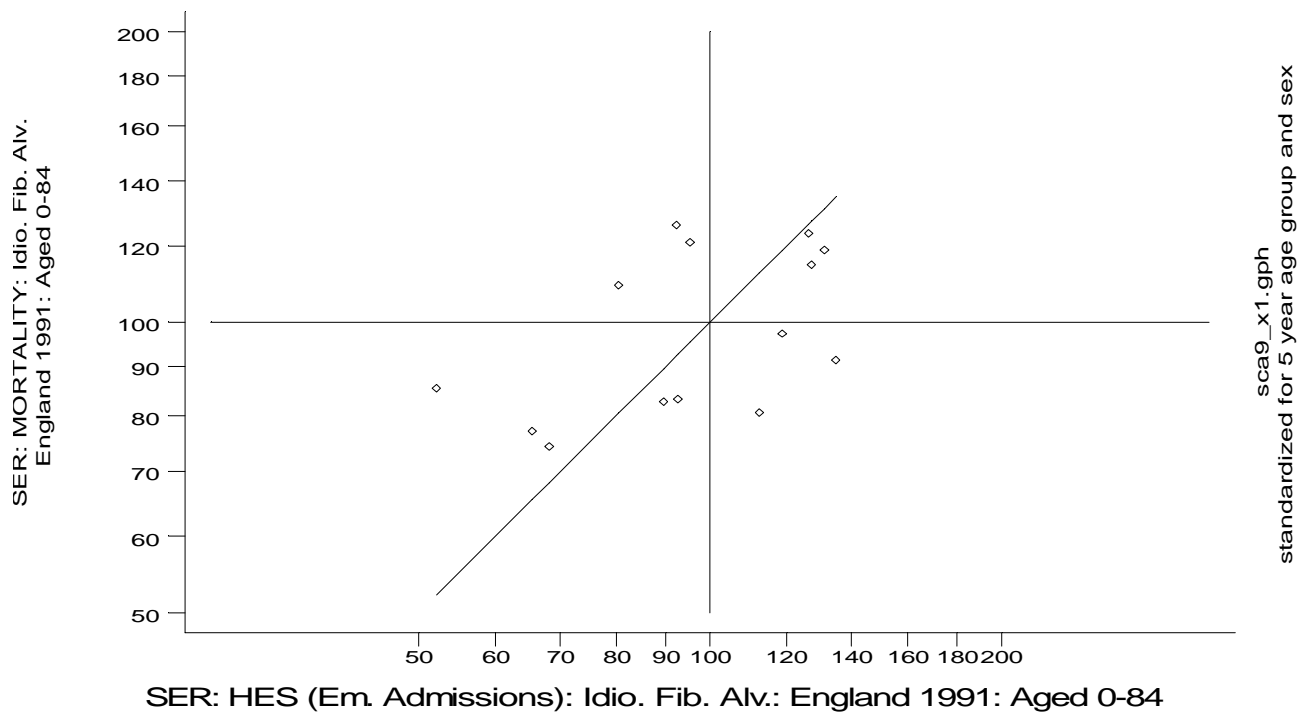
A13 Idiopathic fibrosing alveolitis standard output graphs **A13/ SCAT91/ Page 2 of 9**
Scatterplots and correlation coefficients (standardised event ratios standardised for age and sex)

- region and urban-rural comparisons between GPRD, HES and Mortality, England 1991, ages 0-84

“MORTALITY vs. HES”



And by the 14 regions:



A13 Idiopathic fibrosing alveolitis standard output graphs **A13/ SCAT91/ Page 3 of 9**
Scatterplots and correlation coefficients (standardised event ratios standardised for age and sex)
 • **region and urban-rural comparisons between GPRD, HES and Mortality, England 1991, ages 0-84**

Fibrosing Alveolitis: Spearman Rank Correlation Coefficients: *“All Ages vs. All Ages”*
 (correlation in brackets is between the 14 regions, as opposed to between combinations of region and urban-rural)

	MORTALITY	HES	GPRD
MORTALITY		0.35 (0.47)	-0.12
HES	0.35 (0.47)		0.15
GPRD	-0.12	0.15	

ALL AGES vs. ALL AGES

a1: HES (0-84) vs. GPRD (0-84)
 Number of obs = 33
 Spearman's rho = 0.1507
 Test of Ho: hsl_9 and gsal_9 independent
 Pr > |t| = 0.4024

a2: MORTALITY (0-84) vs. GPRD (0-84)
 Number of obs = 33
 Spearman's rho = -0.1220
 Test of Ho: msl_9 and gsal_9 independent
 Pr > |t| = 0.4988

a3: MORTALITY (0-84) vs. HES (0-84)
 Number of obs = 50
 Spearman's rho = 0.3466
 Test of Ho: msl_9 and hsl_9 independent
 Pr > |t| = 0.0137

x1: MORTALITY (0-84) vs. HES (0-84)
 Number of obs = 14
 Spearman's rho = 0.4725
 Test of Ho: msl_9 and hsl_9 independent
 Pr > |t| = 0.0880

A13 Idiopathic fibrosing alveolitis standard output graphs **A13/ SCAT91/ Page 4 of 9**
Scatterplots and correlation coefficients (standardised event ratios standardised for age and sex)
 • **region and urban-rural comparisons between GPRD, HES and Mortality, England 1991, ages 0-84**

ALL AGES

Observed Number of Idio. Fib. Alv. Events,
 England 1991: Aged 0-84

rha	urban	goal_9	hol_9	mol_9
Northern	rural	10	22	16
Northern	mixed	.	11	9
Northern	urban	.	10	11
Northern	conurbat	14	31	17
Yorkshir	rural	.	5	11
Yorkshir	mixed	3	13	4
Yorkshir	urban	.	7	6
Yorkshir	conurbat	3	20	18
Trent	rural	9	22	20
Trent	mixed	9	48	34
Trent	urban	.	17	6
Trent	conurbat	5	22	25
E Anglia	rural	8	25	27
E Anglia	mixed	3	2	3
E Anglia	Indeterm	.	5	5
NW Thame	mixed	5	7	8
NW Thame	urban	3	25	8
NW Thame	conurbat	4	20	22
NE Thame	rural	.	9	9
NE Thame	mixed	.	3	2
NE Thame	urban	1	7	8
NE Thame	conurbat	3	53	22
SE Thame	rural	3	15	10
SE Thame	mixed	.	10	8
SE Thame	urban	0	19	18
SE Thame	conurbat	2	38	18
SW Thame	mixed	13	14	16
SW Thame	urban	1	4	7
SW Thame	conurbat	3	11	15
Wessex	rural	7	1	2
Wessex	mixed	5	3	3
Wessex	urban	.	7	13
Wessex	Indeterm	.	27	18
Oxford	rural	.	4	3
Oxford	mixed	1	34	32
Oxford	urban	.	0	3
S Wester	rural	4	17	13
S Wester	mixed	7	15	10
S Wester	urban	8	17	11
S Wester	Indeterm	.	13	11
W Midlan	rural	4	8	11
W Midlan	mixed	.	7	14
W Midlan	urban	4	14	18
W Midlan	conurbat	19	57	50
Mersey	mixed	4	13	10
Mersey	urban	.	10	4
Mersey	conurbat	7	35	17
N Wester	mixed	.	5	3
N Wester	urban	3	21	15
N Wester	conurbat	9	65	47

A13 Idiopathic fibrosing alveolitis standard output graphs **A13/ SCAT91/ Page 5 of 9**
Scatterplots and correlation coefficients (standardised event ratios standardised for age and sex)

- **region and urban-rural comparisons between GPRD, HES and Mortality, England 1991, ages 0-84**

Denominator for Idio. Fib. Alv. Events,
 England 1991: Aged 0-84

rha	urban	gda1_9	hd1_9	mdl_9
Northern	rural	73693.9	782999	782999
Northern	mixed	.	597416	597416
Northern	urban	.	553415	553415
Northern	conurbat	46625.4	1114143	1114143
Yorkshir	rural	.	487087	487087
Yorkshir	mixed	21894.9	739537	739537
Yorkshir	urban	.	663675	663675
Yorkshir	conurbat	21123.7	1732867	1732867
Trent	rural	26873.1	944794	944794
Trent	mixed	31104.1	1805855	1805855
Trent	urban	.	616563	616563
Trent	conurbat	50327.4	1283438	1283438
E Anglia	rural	60878.6	1232209	1232209
E Anglia	mixed	39800.4	418874	418874
E Anglia	Indeterm	.	396166	396166
NW Thame	mixed	39289.2	722017	722017
NW Thame	urban	24596.9	777014	777014
NW Thame	conurbat	41145.8	2029948	2029948
NE Thame	rural	.	553971	553971
NE Thame	mixed	.	290283	290283
NE Thame	urban	9959.2	608426	608426
NE Thame	conurbat	18955.0	2277344	2277344
SE Thame	rural	14831.8	561907	561907
SE Thame	mixed	.	589118	589118
SE Thame	urban	5564.5	1052077	1052077
SE Thame	conurbat	12769.3	1432129	1432129
SW Thame	mixed	73245.9	1156955	1156955
SW Thame	urban	7411.1	562687	562687
SW Thame	conurbat	20236.4	1254634	1254634
Wessex	rural	41099.5	247082	247082
Wessex	mixed	29406.8	1080522	1080522
Wessex	urban	.	952302	952302
Wessex	Indeterm	.	643322	643322
Oxford	rural	.	592824	592824
Oxford	mixed	37103.4	1755566	1755566
Oxford	urban	.	177780	177780
S Wester	rural	27446.6	1004839	1004839
S Wester	mixed	30809.9	879303	879303
S Wester	urban	31243.0	819129	819129
S Wester	Indeterm	.	529621	529621
W Midlan	rural	16603.4	823682	823682
W Midlan	mixed	.	818638	818638
W Midlan	urban	38256.0	787725	787725
W Midlan	conurbat	163850.3	2764012	2764012
Mersey	mixed	44506.4	607659	607659
Mersey	urban	.	326479	326479
Mersey	conurbat	38048.6	1446235	1446235
N Wester	mixed	.	235257	235257
N Wester	urban	32636.9	1142919	1142919
N Wester	conurbat	79551.5	2572495	2572495

Scatterplots and correlation coefficients (standardised event ratios standardised for age and sex)

- region and urban-rural comparisons between GPRD, HES and Mortality, England 1991, ages 0-84

Crude Rate of Idio. Fib. Alv. Events,
England 1991: Aged 0-84

rha	urban	gral_9	hr1_9	mr1_9
Northern	rural	0.1	28.1	20.4
Northern	mixed	.	18.4	15.1
Northern	urban	.	18.1	19.9
Northern	conurbat	0.3	27.8	15.3
Yorkshir	rural	.	10.3	22.6
Yorkshir	mixed	0.1	17.6	5.4
Yorkshir	urban	.	10.5	9.0
Yorkshir	conurbat	0.1	11.5	10.4
Trent	rural	0.3	23.3	21.2
Trent	mixed	0.3	26.6	18.8
Trent	urban	.	27.6	9.7
Trent	conurbat	0.1	17.1	19.5
E Anglia	rural	0.1	20.3	21.9
E Anglia	mixed	0.1	4.8	7.2
E Anglia	Indeterm	.	12.6	12.6
NW Thame	mixed	0.1	9.7	11.1
NW Thame	urban	0.1	32.2	10.3
NW Thame	conurbat	0.1	9.9	10.8
NE Thame	rural	.	16.2	16.2
NE Thame	mixed	.	10.3	6.9
NE Thame	urban	0.1	11.5	13.1
NE Thame	conurbat	0.2	23.3	9.7
SE Thame	rural	0.2	26.7	17.8
SE Thame	mixed	.	17.0	13.6
SE Thame	urban	0.0	18.1	17.1
SE Thame	conurbat	0.2	26.5	12.6
SW Thame	mixed	0.2	12.1	13.8
SW Thame	urban	0.1	7.1	12.4
SW Thame	conurbat	0.1	8.8	12.0
Wessex	rural	0.2	4.0	8.1
Wessex	mixed	0.2	2.8	2.8
Wessex	urban	.	7.4	13.7
Wessex	Indeterm	.	42.0	28.0
Oxford	rural	.	6.7	5.1
Oxford	mixed	0.0	19.4	18.2
Oxford	urban	.	0.0	16.9
S Wester	rural	0.1	16.9	12.9
S Wester	mixed	0.2	17.1	11.4
S Wester	urban	0.3	20.8	13.4
S Wester	Indeterm	.	24.5	20.8
W Midlan	rural	0.2	9.7	13.4
W Midlan	mixed	.	8.6	17.1
W Midlan	urban	0.1	17.8	22.9
W Midlan	conurbat	0.1	20.6	18.1
Mersey	mixed	0.1	21.4	16.5
Mersey	urban	.	30.6	12.3
Mersey	conurbat	0.2	24.2	11.8
N Wester	mixed	.	21.3	12.8
N Wester	urban	0.1	18.4	13.1
N Wester	conurbat	0.1	25.3	18.3

A13 Idiopathic fibrosing alveolitis standard output graphs

Scatterplots and correlation coefficients (standardised event ratios standardised for age and sex)

- **region and urban-rural comparisons between GPRD, HES and Mortality, England 1991, ages 0-84**

Expected Number of Idio. Fib. Alv. Events,
England 1991: Aged 0-84

rha	urban	geal_9	hel_9	mel_9
Northern	rural	11.9	15.5	12.3
Northern	mixed	.	11.1	8.8
Northern	urban	.	9.2	7.2
Northern	conurbat	6.2	20.7	16.3
Yorkshir	rural	.	9.7	7.8
Yorkshir	mixed	3.5	14.6	11.7
Yorkshir	urban	.	11.8	9.4
Yorkshir	conurbat	3.2	29.9	23.6
Trent	rural	4.6	19.2	15.4
Trent	mixed	4.6	32.3	25.6
Trent	urban	.	11.1	8.8
Trent	conurbat	7.2	23.8	18.9
E Anglia	rural	9.3	25.2	20.4
E Anglia	mixed	4.5	6.8	5.4
E Anglia	Indeterm	.	7.7	6.2
NW Thame	mixed	5.9	12.1	9.5
NW Thame	urban	3.4	12.9	10.1
NW Thame	conurbat	5.3	33.2	26.3
NE Thame	rural	.	11.2	9.0
NE Thame	mixed	.	4.8	3.8
NE Thame	urban	1.2	10.9	8.7
NE Thame	conurbat	2.9	37.2	29.4
SE Thame	rural	2.6	12.4	10.1
SE Thame	mixed	.	14.1	11.6
SE Thame	urban	0.8	18.7	14.8
SE Thame	conurbat	2.1	23.9	18.9
SW Thame	mixed	11.9	23.3	18.8
SW Thame	urban	1.2	10.9	8.7
SW Thame	conurbat	2.7	21.4	17.0
Wessex	rural	7.3	5.7	4.6
Wessex	mixed	4.3	18.7	14.8
Wessex	urban	.	17.9	14.4
Wessex	Indeterm	.	15.7	12.9
Oxford	rural	.	9.0	7.0
Oxford	mixed	5.1	28.7	22.7
Oxford	urban	.	2.2	1.7
S Wester	rural	5.3	22.1	17.9
S Wester	mixed	5.4	19.4	15.8
S Wester	urban	4.0	15.1	12.1
S Wester	Indeterm	.	10.3	8.3
W Midlan	rural	2.3	14.8	11.7
W Midlan	mixed	.	14.5	11.4
W Midlan	urban	5.8	14.8	11.8
W Midlan	conurbat	22.3	49.0	38.8
Mersey	mixed	6.7	11.1	8.8
Mersey	urban	.	5.3	4.1
Mersey	conurbat	5.4	26.6	21.0
N Wester	mixed	.	4.5	3.6
N Wester	urban	4.8	22.1	17.6
N Wester	conurbat	10.4	44.9	35.5

Scatterplots and correlation coefficients (standardised event ratios standardised for age and sex)

- region and urban-rural comparisons between GPRD, HES and Mortality, England 1991, ages 0-84

SER's for Idio. Fib. Alv. Events, standardized for age5 and sex
England 1991: Aged 0-84

rha	urban	gsal_9	hs1_9	ms1_9
Northern	rural	84.3	142.1	129.7
Northern	mixed	.	99.2	102.8
Northern	urban	.	108.8	153.8
Northern	conurbat	224.5	149.9	104.1
Yorkshir	rural	.	51.4	141.5
Yorkshir	mixed	84.9	89.1	34.3
Yorkshir	urban	.	59.1	63.9
Yorkshir	conurbat	94.2	67.0	76.2
Trent	rural	196.1	114.4	129.9
Trent	mixed	195.0	148.8	132.7
Trent	urban	.	153.6	68.2
Trent	conurbat	69.6	92.6	132.2
E Anglia	rural	86.4	99.1	132.3
E Anglia	mixed	66.0	29.4	55.3
E Anglia	Indeterm	.	64.8	80.9
NW Thame	mixed	85.2	58.0	84.3
NW Thame	urban	89.3	194.4	79.0
NW Thame	conurbat	75.2	60.3	83.7
NE Thame	rural	.	80.5	100.1
NE Thame	mixed	.	62.6	52.7
NE Thame	urban	81.1	64.0	92.1
NE Thame	conurbat	104.1	142.6	74.9
SE Thame	rural	116.7	120.6	98.6
SE Thame	mixed	.	70.9	69.2
SE Thame	urban	0.0	101.9	121.3
SE Thame	conurbat	95.2	159.0	95.0
SW Thame	mixed	109.4	60.0	85.2
SW Thame	urban	81.4	36.5	80.1
SW Thame	conurbat	113.1	51.5	88.3
Wessex	rural	95.4	17.6	43.3
Wessex	mixed	116.3	16.0	20.2
Wessex	urban	.	39.1	90.5
Wessex	Indeterm	.	171.6	139.4
Oxford	rural	.	44.6	42.7
Oxford	mixed	19.7	118.4	141.0
Oxford	urban	.	0.0	179.1
S Wester	rural	75.1	76.8	72.6
S Wester	mixed	130.6	77.2	63.3
S Wester	urban	198.7	112.6	91.2
S Wester	Indeterm	.	126.0	133.2
W Midlan	rural	175.7	53.9	93.6
W Midlan	mixed	.	48.3	122.4
W Midlan	urban	69.0	94.5	153.2
W Midlan	conurbat	85.2	116.4	128.9
Mersey	mixed	60.1	116.8	113.7
Mersey	urban	.	189.9	97.1
Mersey	conurbat	130.6	131.5	81.0
N Wester	mixed	.	111.2	83.7
N Wester	urban	61.9	95.1	85.2
N Wester	conurbat	86.4	144.6	132.2

A13 Idiopathic fibrosing alveolitis standard output graphs **A13/ SCAT91/ Page 9 of 9**
Scatterplots and correlation coefficients (standardised event ratios standardised for age and sex)

- **region and urban-rural comparisons between GPRD, HES and Mortality, England 1991, ages 0-84**

SER's for Idio. Fib. Alv. Events, standardized for age5 and sex
England 1991: Aged 0-84

	rha	msl_9	hs1_9
1. Northern	118.9207	131.1065	
2. Yorkshir	74.38844	68.1494	
3. Trent	123.6598	126.3016	
4. E Anglia	109.3156	80.48962	
5. NW Thame	82.76346	89.46632	
6. NE Thame	80.62334	112.3746	
7. SE Thame	97.34326	118.677	
8. SW Thame	85.38895	52.13072	
9. Wessex	77.04409	65.47031	
10. Oxford	121.0689	95.35004	
11. S Wester	83.29351	92.55497	
12. W Midlan	126.1426	92.35022	
13. Mersey	91.40115	134.8399	
14. N Wester	114.5881	127.2195	