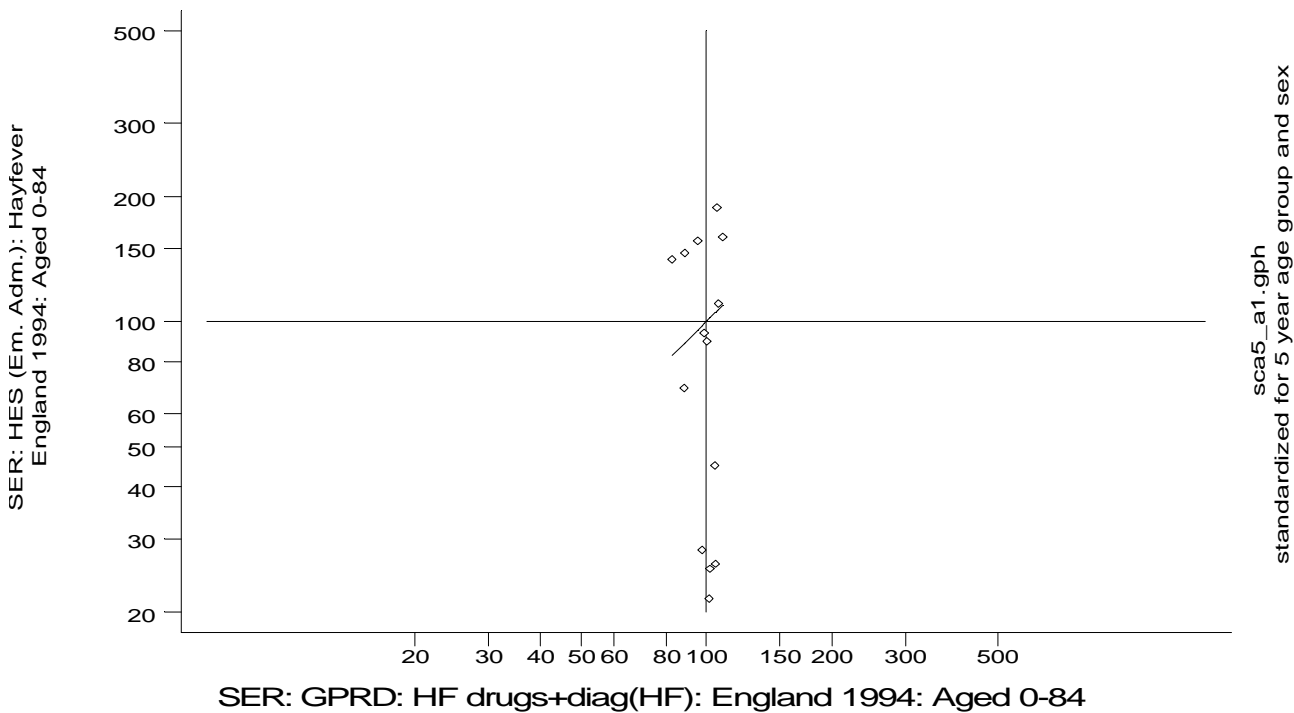


A8 Hayfever standard output graphs

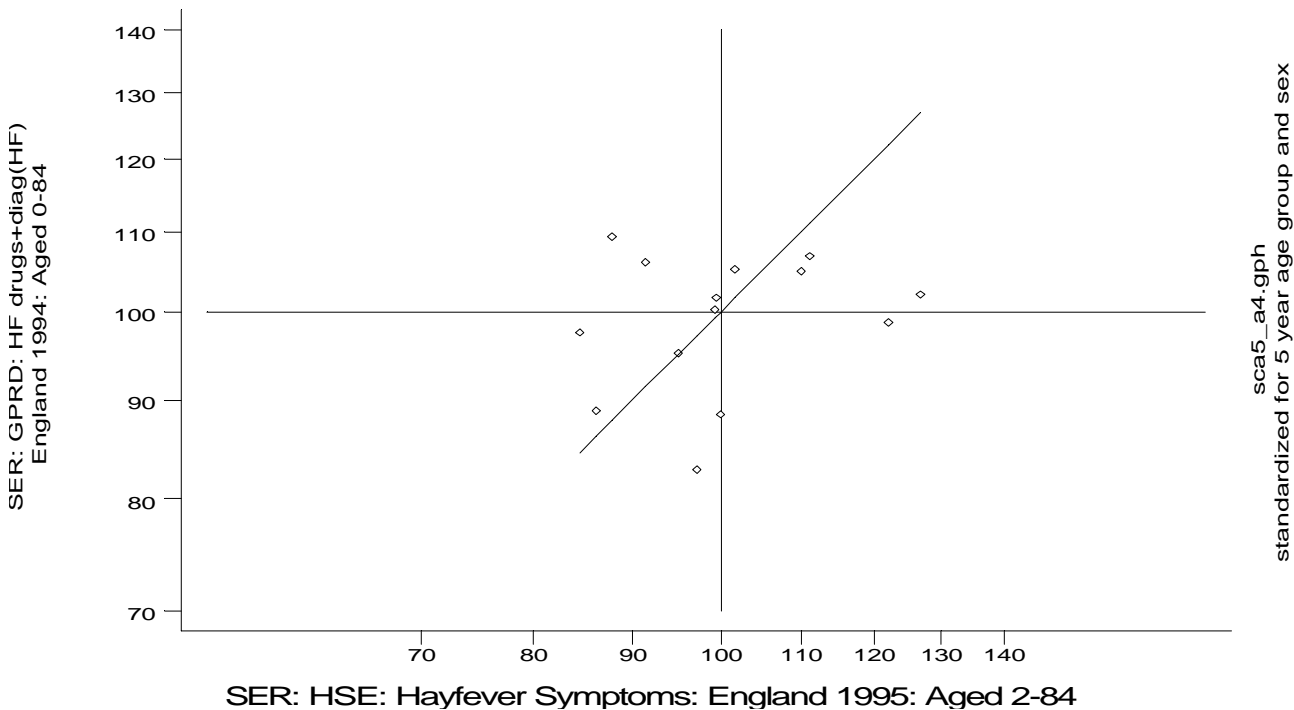
Scatterplots and correlation coefficients (standardised event ratios standardised for age and sex)

- regional comparisons between HSE95, GPRD, HES and Mortality, England 1994, ages 0-84

“HES vs. GPRD”



“GPRD vs. HSE”

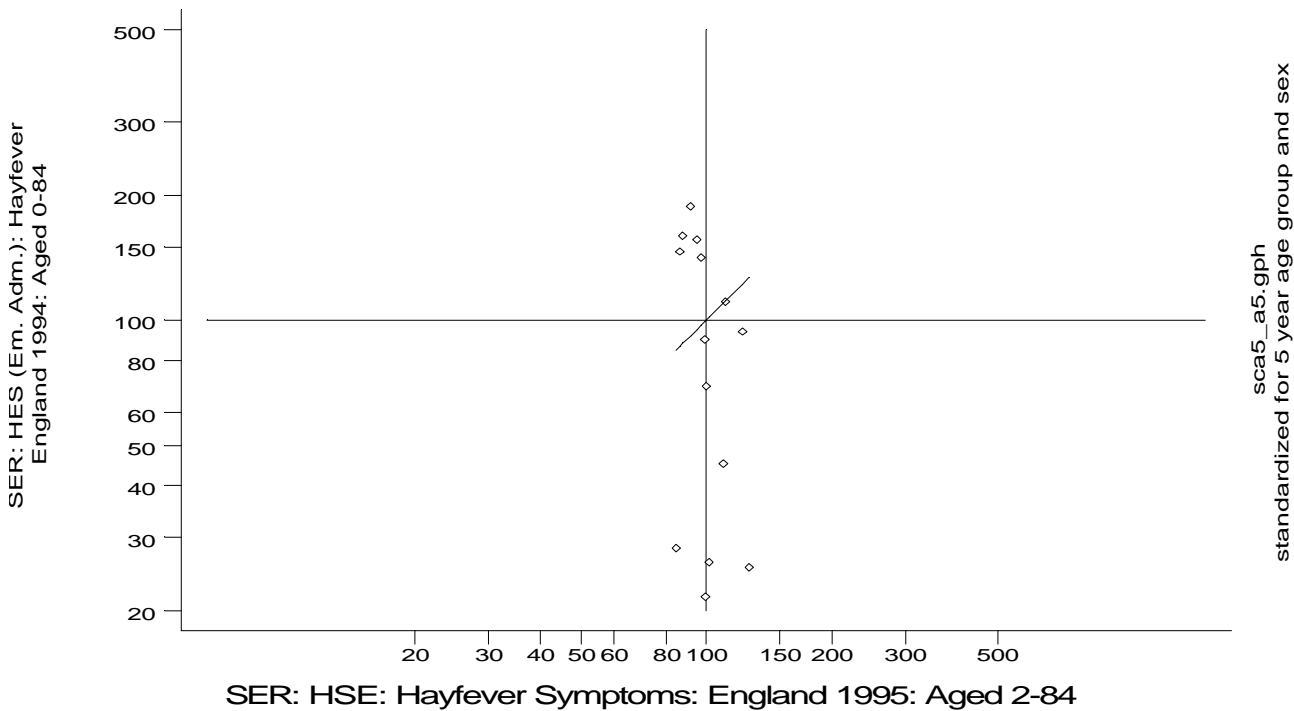


A8 Hayfever standard output graphs

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“HES vs. HSE”



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Hayfever: Spearman Rank Correlation Coefficients

	HSE95	HES	GPRD
HSE95		-0.49	0.22
HES	-0.49		0.04
GPRD	0.22	0.04	

```
a1: HES (0-84) vs. GPRD (0-84)
Number of obs =      14
Spearman's rho =      0.0374
Test of Ho: hsl_5 and gsc1_2 independent
    Pr > |t| =      0.8991
```

```
a4: GPRD (0-84) vs. HSE (2-84) {Hayfever Symptoms}
Number of obs =      14
Spearman's rho =      0.2220
Test of Ho: gsc1_2 and ssl_6 independent
    Pr > |t| =      0.4456
```

```
a5: HES (0-84) vs. HSE (2-84) {Hayfever Symptoms}
Number of obs =      14
Spearman's rho =     -0.4857
Test of Ho: hsl_5 and ssl_6 independent
    Pr > |t| =      0.0783
```

A8 Hayfever standard output graphs

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

- regional comparisons between HSE95, GPRD, HES and Mortality, England 1994, ages 0-84

Observed Number of Hayfever Events,
England 1994: Aged 0-84 (HSE: England 1995: Aged 2-84)

rha	gocl_2	hol_5	sol_6
Northern	3649	6	179
Yorkshir	1927	8	193
Trent	5324	13	266
E Anglia	5074	1	171
NW Thame	5152	2	176
NE Thame	1174	4	212
SE Thame	1505	6	214
SW Thame	4795	4	216
Wessex	2890	7	167
Oxford	2001	1	206
S Wester	4037	1	207
W Midlan	9793	7	301
Mersey	3564	1	112
N Wester	4711	10	212

Denominator for Hayfever Events,
England 1994: Aged 0-84 (HSE: England 1995: Aged 2-84)

rha	gdcl_2	hdl_5	sd1_6
Northern	104729.2	2881981	1258
Yorkshir	52152.7	3654624	1527
Trent	120996.0	4701828	2020
E Anglia	113740.5	2600991	1152
NW Thame	116975.6	2953265	1074
NE Thame	31761.7	3766006	1434
SE Thame	33977.9	3654042	1326
SW Thame	117694.8	2950819	1235
Wessex	73779.6	3110430	1232
Oxford	45680.5	2574069	1091
S Wester	96438.4	3277999	1466
W Midlan	229739.0	5213324	2112
Mersey	87252.9	2369834	929
N Wester	102013.9	4133922	1660

Crude Rate of Hayfever Events,
England 1994: Aged 0-84 (HSE: England 1995: Aged 2-84)

rha	grcl_2	hrl_5	srl_6
Northern	34.8	2.1	14.2
Yorkshir	36.9	2.2	12.6
Trent	44.0	2.8	13.2
E Anglia	44.6	0.4	14.8
NW Thame	44.0	0.7	16.4
NE Thame	37.0	1.1	14.8
SE Thame	44.3	1.6	16.1
SW Thame	40.7	1.4	17.5
Wessex	39.2	2.3	13.6
Oxford	43.8	0.4	18.9
S Wester	41.9	0.3	14.1
W Midlan	42.6	1.3	14.3
Mersey	40.8	0.4	12.1
N Wester	46.2	2.4	12.8

Expected Number of Hayfever Events,
England 1994: Aged 0-84 (HSE: England 1995: Aged 2-84)

rha	gecl_2	hel_5	sel_6
Northern	4405.5	4.2	184.2
Yorkshir	2168.3	5.5	223.8
Trent	5018.7	6.9	290.9
E Anglia	4822.4	3.8	168.2
NW Thame	4908.0	4.4	159.9
NE Thame	1326.6	5.8	212.2
SE Thame	1408.2	5.4	192.5
SW Thame	4853.0	4.3	177.0
Wessex	3035.2	4.5	175.7
Oxford	1959.7	3.9	162.4
S Wester	3968.6	4.6	208.1
W Midlan	9765.8	7.8	303.2
Mersey	3651.7	3.5	132.5
N Wester	4304.5	6.3	241.4

SER's for Hayfever Events, standardized for age5 and sex
England 1994: Aged 0-84 (HSE: England 1995: Aged 2-84)

rha	gscl_2	hs1_5	ss1_6
Northern	82.8	141.2	97.2
Yorkshir	88.9	146.4	86.2
Trent	106.1	188.0	91.5
E Anglia	105.2	26.2	101.7
NW Thame	105.0	45.1	110.1
NE Thame	88.5	69.2	99.9
SE Thame	106.9	110.6	111.2
SW Thame	98.8	93.9	122.0
Wessex	95.2	156.3	95.1
Oxford	102.1	25.5	126.8
S Wester	101.7	21.6	99.5
W Midlan	100.3	89.7	99.3
Mersey	97.6	28.2	84.5
N Wester	109.4	159.6	87.8