

## Appendix Tables

**Appendix Table 1: Baseline characteristics of patients from second to fourth quarter of 2011**

<b>second quarter of 2011</b>	<b>Coordinated care</b>	<b>Uncoordinated care</b>	<b>Coordination not determinable</b>
n (%)	1.528.315 (42.9)	1.863.378 (52.4)	167.185 (4.7)
Age (mean)	56.1	48.4	49.0
Gender: male (%)	572.920 (37.5)	620.364 (33.3)	49.668 (29.7)
Proportion of chronic disease (%)	86.2	66.8	52.2
Number of medical condition categories (mean)	3.6	3.9	1.2
Proportion of doctor shopping (%)	1.3	8.6	0.0
Proportion of mental diseases categories (%)	16.7	17.9	12.8
Number of different physicians (mean)	1.8	2.1	1.3
Number of different physician groups (mean)	1.6	1.7	1.1
Proportion with different specialists (%)	41.1	44.2	8.5
GP fin. claim in € (Σ)	102.305.347	85.924.574	6.522.879
SP fin. claim in € (Σ)	233.505.066	334.222.159	15.718.766
Total fin. claim in € (Σ)	335.810.413	420.146.733	22.241.645
GP fin. claim / patient in € (mean)	73.05	73.56	74.01
SP fin. claim / patient in € (mean)	152.79	179.36	94.02
Total fin. claim / patient in € (mean)	219.73	225.48	133.04
Proportion of patients without GP fin. claim (%)	8.4	37.3	47.3
Proportion of patients with 1-40 € GP fin. claim (%)	21.8	17.4	15.7
Total drug prescription costs / patient in € (mean)	167.22	150.78	90.21
SP drug prescription costs / patient in € (mean)	78.92	92.35	34.79
Number of drug prescriptions / patient (mean)	3.38	2.73	1.77
Number of SP drug prescriptions / patient (mean)	0.8	1.1	0.3
Total DDD / patient (mean)	195.8	145.4	96.4
SP DDD / patient (mean)	33.9	48.8	14.8

<b>third quarter of 2011</b>	<b>Coordinated care</b>	<b>Uncoordinated care</b>	<b>Coordination not determinable</b>
n (%)	1.487.833 (41.8)	1.905.765 (53.6)	162.174 (4.6)
Age (mean)	56.1	48.2	48.9
Gender: male (%)	559.666 (37.6)	634.418 (33.3)	47.422 (29.2)
Proportion of chronic disease (%)	86.4	66.5	51.8
Number of medical condition categories (mean)	3.6	3.9	1.2
Proportion of doctor shopping (%)	1.3	9.0	0
Proportion of mental diseases categories (%)	16.9	18.1	12.9
Number of different physicians (mean)	1.9	2.1	1.4
Number of different physician groups (mean)	1.6	1.7	1.1
Proportion with different specialists (%)	41.1	44.1	9.2
GP fin. claim in € (Σ)	101.165.250	88.207.801	6.312.855
SP fin. claim in € (Σ)	227.100.685	341.652.014	15.055.967
Total fin. claim in € (Σ)	328.265.935	429.859.815	21.368.821
GP fin. claim / patient in € (mean)	73.95	74.34	74.39
SP fin. claim / patient in € (mean)	152.64	179.27	92.84
Total fin. claim / patient in € (mean)	220.63	225.56	131.76
Proportion of patients without GP fin. claim (%)	8.1	37.7	47.7
Proportion of patients with 1-40 € GP fin. claim (%)	21.3	17.0	15.4
Total drug prescription costs / patient in € (mean)	171.68	155.04	88.82
SP drug prescription costs / patient in € (mean)	81.49	95.35	35.71
Number of drug prescriptions / patient (mean)	3.45	2.76	1.78
Number of SP drug prescriptions / patient (mean)	0.8	1.1	0.3
Total DDD / patient (mean)	202.0	148.3	98.8
SP DDD / patient (mean)	34.6	49.2	15.5

<b>fourth quarter of 2011</b>	<b>Coordinated care</b>	<b>Uncoordinated care</b>	<b>Coordination not determinable</b>
n (%)	1.587.272 (43.7)	1.879.415 (51.7)	169.935 (4.7)
Age (mean)	55.8	48.4	48.9
Gender: male (%)	596.990 (37.6)	623.812 (33.2)	48.438 (28.5)
Proportion of chronic disease (%)	85.6	67.5	50.6
Number of medical condition categories (mean)	3.6	4.0	1.2
Proportion of doctor shopping (%)	1.2	8.3	0.1
Proportion of mental diseases categories (%)	17.1	18.6	12.2
Number of different physicians (mean)	1.9	2.1	1.4
Number of different physician groups (mean)	1.6	1.7	1.1
Proportion with different specialists (%)	41.4	44.6	9.3
GP fin. claim in € (Σ)	105.664.750	89.824.995	6.538.470
SP fin. claim in € (Σ)	243.787.883	342.625.002	16.071.960
Total fin. claim in € (Σ)	349.452.633	432.449.997	22.610.431
GP fin. claim / patient in € (mean)	74.26	75.04	75.17
SP fin. claim / patient in € (mean)	153.59	182.30	94.58
Total fin. claim / patient in € (mean)	220.16	230.10	133.05
Proportion of patients without GP fin. claim (%)	10.4	36.3	48.8
Proportion of patients with 1-40 € GP fin. claim (%)	20.6	17.0	15.0
Total drug prescription costs / patient in € (mean)	168.88	157.61	86.88
SP drug prescription costs / patient in € (mean)	81.26	96.93	33.64
Number of drug prescriptions / patient (mean)	3.41	2.84	1.75
Number of SP drug prescriptions / patient (mean)	0.8	1.1	0.3
Total DDD / patient (mean)	200.2	152.8	96.9
SP DDD / patient (mean)	35.3	51.3	14.7

**Appendix Table 2: Comparison of coordinated and uncoordinated patients of the first quarter 2011**

	Age	N	Costs of CP in €	Costs of UP in €	Difference after regression adjustment Mean (95% CI)
<b>Amount claimed for specialists</b>	18-30	178.354	112.99	126.11	-9.61 (-11.16; -8.11)
	31-45	266.559	143.01	163.14	-17.10 (-18.43; -15.71)
	46-60	335.930	168.60	181.69	-9.18 (-10.32; -7.97)
	61-75	293.150	185.69	213.16	-15.64 (-16.99; -14.57)
	76-110	155.379	162.61	203.25	-22.09 (-23.68; -20.34)
<b>Amount claimed for GPs</b>	18-30	178.354	46.50	31.63	15.66 (15.25; 16.07)
	31-45	266.559	52.82	38.88	14.46 (14.13; 14.77)
	46-60	335.930	60.20	49.87	10.42 (10.13; 10.71)
	61-75	293.150	73.45	70.13	4.03 (3.73; 4.35)
	76-110	155.379	99.78	99.38	1.75 (1.30; 2.17)
<b>Prescribing costs</b>	18-30	178.354	62.22	65.77	-0.42 (-5.18; 4.46)
	31-45	266.559	100.93	107.91	-3.68 (-7.62; 0.23)
	46-60	335.930	148.25	152.57	-1.96 (-5.49; 1.24)
	61-75	293.150	217.54	232.71	-9.95 (-13.52; -6.41)
	76-110	155.379	254.59	266.64	-9.42 (-14.10; -3.95)
<b>Prescribing costs for psychotropic medication</b>	18-30	178.354	0.92	0.80	-1.41 (-1.99; -0.86)
	31-45	266.559	1.72	1.71	-1.76 (-2.21; -1.31)
	46-60	335.930	2.45	2.34	-1.69 (-2.07; -1.29)
	61-75	293.150	2.38	2.37	-0.64 (-1.06; -0.22)
	76-110	155.379	4.72	4.67	-0.24 (-0.87; 0.35)
<b>Total costs</b>	18-30	178.354	221.71	223.51	5.49 (0.53; 10.54)
	31-45	266.559	296.76	309.94	-6.31 (-10.72; -2.15)
	46-60	335.930	377.05	384.13	-0.56 (-4.21; 3.06)
	61-75	293.150	476.68	516.00	-21.55 (-25.55; -17.75)
	76-110	155.379	516.98	569.28	-29.80 (-35.11; -24.37)

PSM = Propensity Score Matching; 95% CI = 95% Confidence Interval; UP = uncoordinated patient; CP = coordinated patient

**Appendix Table 3: Comparison of coordinated and uncoordinated patients with mental disorders of the first quarter 2011**

	Age	N	Costs of CP in €	Costs of UP in €	Difference after regression adjustment Mean (95% CI)
<b>Amount claimed for specialists</b>	18-30	31,276	286.01	318.43	-21.12 (-27.17; -15.01)
	31-45	65,272	287.69	317.68	-21.29 (-25.67; -16.99)
	46-60	93,271	258.09	280.70	-12.95 (-16.32; -9.22)
	61-75	56,130	217.80	241.83	-11.54 (-16.06; -6.88)
	76-110	21,571	181.20	207.67	-14.82 (-22.35; -7.14)
<b>Amount claimed for GPs</b>	18-30	31,276	55,00	41,70	15.50 (14.02; 17.01)
	31-45	65,272	61,01	48,30	14.18 (13.16; 15.31)
	46-60	93,271	67,61	56,25	11.85 (10.94; 12.72)
	61-75	56,130	79,86	73,10	7.23 (5.99; 8.37)
	76-110	21,571	121,64	108,92	11.94 (9.99; 13.91)
<b>Prescribing costs</b>	18-30	31,276	112.05	128.55	-2.62 (-18.63; 12.36)
	31-45	65,272	176.60	195.61	-9.93 (-20.72; 1.03)
	46-60	93,271	218.53	240.77	-14.64 (-23.44; -5.94)
	61-75	56,130	271.80	315.07	-30.66 (-41.77; -18.83)
	76-110	21,571	338.20	347.43	-8.31 (-27.53, 10.71)
<b>Prescribing costs for psychotropic medication</b>	18-30	31,276	38.18	52.19	-9.97 (-14.24; -5.66)
	31-45	65,272	56.12	68.14	-9.34 (-12.15; -6.51)
	46-60	93,271	60.73	71.74	-10.11 (-12.53; -7.89)
	61-75	56,130	53.91	62.43	-8.16 (-11.19; -5.01)
	76-110	21,571	72.05	74.39	-7.14 (-12.42; -2.39)
<b>Total costs</b>	18-30	31,276	453.06	488.69	-8.83 (-26.88; 8.89)
	31-45	65,272	525.30	561.58	-16.91 (-29.02; -6.10)
	46-60	93,271	544.23	577.72	-15.67 (-26.20; -5.07)
	61-75	56,130	569.47	630.00	-34.02 (-47.08; -21.65)
	76-110	21,571	641.03	664.03	-11.48 (-33.66; 11.10)

PSM = Propensity Score Matching; 95% CI = 95% Confidence Interval; UP = uncoordinated patient; CP = coordinated patient