

## Appendix 1. Location parameters

	Financial Key Figures															
	Earnings from allocations for financing tangible fixed assets		income from the transfer of the receivables for investment grants to fixed assets		fixed assets		approved investments		revenue		EBIT		EBITDA		net profit	
	private	public	private	public	private	public	private	public	private	public	private	public	private	public	private	public
1. Quartil	393.199	930.577	0	0	13.304.002	20.158.340	2,00%	2,18%	23.684.759	56.844.047	1.015.216	-5.492.264	2.019.441	-3.400.972	864.465	-6.042.256
Median	738.761	3.356.105	0	0	21.490.916	75.112.524	2,79%	3,99%	38.760.596	71.671.893	2.060.080	-2.268.690	3.389.631	-1.127.195	1.523.839	-2.827.713
3. Quartil	1.734.315	5.468.909	0	77.794	72.471.136	96.525.131	6,26%	7,04%	95.376.512	91.890.220	4.013.395	-204.440	6.508.790	2.161.268	4.023.134	-616.583
mean	1.475.943	4.508.533	51.802	190.804	46.566.197	83.078.074	5,91%	6,68%	62.615.502	89.168.858	4.733.675	-2.484.454	7.037.147	-248.942	4.510.009	-2.956.226
standard deviation	1.588.985	5.198.226	203.098	452.856	52.135.373	64.343.080	7,15%	5,85%	62.303.917	58.576.611	8.432.009	3.435.694	10.534.408	3.951.209	8.479.772	3.413.778

	Performance Numbers													
	Gini coefficient		full inpatient cases		case-mix-index		case mix		market share		special equipments		patient satisfaction	
	private	public	private	public	private	public	private	public	private	public	private	public	private	public
1. Quartil	0,824	0,767	4.153	8.903	0,944	0,852	4.533	7.789	0,12	0,88	3,00	4,00	80%	80%
Median	0,869	0,792	6.785	17.472	1,086	0,958	7.755	14.886	0,35	1,00	5,00	6,00	85%	83%
3. Quartil	0,941	0,832	18.079	24.401	1,403	1,085	23.839	23.376	0,48	1,00	6,00	8,00	88%	85%
mean	0,879	0,801	12.677	19.283	1,201	0,965	15.331	19.778	0,38	0,87	4,29	5,69	84%	83%
standard deviation	0,082	0,046	12.432	12.853	0,373	0,110	15.200	14.964	0,31	0,22	2,56	2,73	0,06	0,04

Source: own illustration.

## Appendix 2. Correlation Analysis after Pearson

correlation matrix (Pearson); hospitals in private ownership

variables	Gini coefficient	EBIT	EBITDA	patient satisfaction	approved investments	special equipment
Gini	<b>1</b>	<b>-0,510</b>	<b>-0,574</b>	<b>0,623</b>	0,208	<b>-0,678</b>
EBIT	<b>-0,510</b>	<b>1</b>	<b>0,973</b>	-0,169	-0,078	0,441
EBITDA	<b>-0,574</b>	<b>0,973</b>	<b>1</b>	-0,198	-0,136	<b>0,495</b>
patient satisfaction	<b>0,623</b>	-0,169	-0,198	<b>1</b>	0,049	-0,475
approved investments	0,208	-0,078	-0,136	0,049	<b>1</b>	-0,175
special equipment	<b>-0,678</b>	0,441	<b>0,495</b>	-0,475	-0,175	<b>1</b>

numbers in bold print are significantly different from zero (alpha = 0,05)

p-value / hospitals in private ownership

variables	Gini coefficient	EBIT	EBITDA	patient satisfaction	approved investments	special equipment
Gini	<b>0</b>	<b>0,037</b>	<b>0,016</b>	<b>0,008</b>	0,422	<b>0,003</b>
EBIT	<b>0,037</b>	<b>0</b>	<b>&lt; 0,0001</b>	0,518	0,766	0,076
EBITDA	<b>0,016</b>	<b>&lt; 0,0001</b>	<b>0</b>	0,447	0,602	<b>0,043</b>
patient satisfaction	<b>0,008</b>	0,518	0,447	<b>0</b>	0,851	0,054
approved investments	0,422	0,766	0,602	0,851	<b>0</b>	0,501
special equipment	<b>0,003</b>	0,076	<b>0,043</b>	0,054	0,501	<b>0</b>

numbers in bold print are significantly different from zero (alpha = 0,05)

coefficient of determination (R<sup>2</sup>); hospitals in private ownership

variables	Gini coefficient	EBIT	EBITDA	patient satisfaction	approved investments	special equipment
Gini	<b>1</b>	0,260	0,329	0,388	0,043	0,460
EBIT	0,260	<b>1</b>	0,947	0,028	0,006	0,195
EBITDA	0,329	0,947	<b>1</b>	0,039	0,019	0,245
patient satisfaction	0,388	0,028	0,039	<b>1</b>	0,002	0,226
approved investments	0,043	0,006	0,019	0,002	<b>1</b>	0,031
special equipment	0,460	0,195	0,245	0,226	0,031	<b>1</b>

Source: Own illustration.

correlation matrix (Pearson); hospitals in public ownership

variables	Gini coefficient	EBIT	EBITDA	patient satisfaction	approved investments	special equipment
Gini	<b>1</b>	<b>-0,704</b>	<b>-0,679</b>	<b>0,682</b>	-0,144	<b>-0,864</b>
EBIT	<b>-0,704</b>	<b>1</b>	<b>0,913</b>	-0,525	-0,054	0,548
EBITDA	<b>-0,679</b>	<b>0,913</b>	<b>1</b>	-0,451	-0,061	<b>0,603</b>
patient satisfaction	<b>0,682</b>	-0,525	-0,451	<b>1</b>	-0,130	-0,546
approved investments	-0,144	-0,054	-0,061	-0,130	<b>1</b>	0,332
special equipment	<b>-0,864</b>	0,548	<b>0,603</b>	-0,546	0,332	<b>1</b>

numbers in bold print are significantly different from zero (alpha = 0,05)

p-value / hospitals in public ownership

variables	Gini coefficient	EBIT	EBITDA	patient satisfaction	approved investments	special equipment
Gini	<b>0</b>	<b>0,007</b>	<b>0,011</b>	<b>0,010</b>	0,638	<b>0,000</b>
EBIT	<b>0,007</b>	<b>0</b>	<b>&lt; 0,0001</b>	0,065	0,862	0,052
EBITDA	<b>0,011</b>	<b>&lt; 0,0001</b>	<b>0</b>	0,122	0,843	<b>0,029</b>
patient satisfaction	<b>0,010</b>	0,065	0,122	<b>0</b>	0,673	0,054
approved investments	0,638	0,862	0,843	0,673	<b>0</b>	0,268
special equipment	<b>0,000</b>	0,052	<b>0,029</b>	0,054	0,268	<b>0</b>

numbers in bold print are significantly different from zero (alpha = 0,05)

coefficient of determination (R<sup>2</sup>); hospitals in public ownership

variables	Gini coefficient	EBIT	EBITDA	patient satisfaction	approved investments	special equipment
Gini	<b>1</b>	0,496	0,461	0,465	0,021	0,746
EBIT	0,496	<b>1</b>	0,833	0,276	0,003	0,300
EBITDA	0,461	0,833	<b>1</b>	0,204	0,004	0,364
patient satisfaction	0,465	0,276	0,204	<b>1</b>	0,017	0,298
approved investments	0,021	0,003	0,004	0,017	<b>1</b>	0,110
special equipment	0,746	0,300	0,364	0,298	0,110	<b>1</b>

### Appendix 3. Correlation analysis after Spearman

correlation matrix (Spearman) hospitals in private ownership

variables	new methods	EBIT
new methods	<b>1</b>	-0,073
EBIT	-0,073	<b>1</b>

*numbers in bold print are significantly different from zero (alpha = 0,05)*

p-value / hospitals in private ownership

variables	new methods	EBIT
new methods	<b>0</b>	0,781
EBIT	0,781	<b>0</b>

*numbers in bold print are significantly different from zero (alpha = 0,05)*

coefficient of determination (R<sup>2</sup>); hospitals in private ownership

variables	new methods	EBIT
new methods	<b>1</b>	0,005
EBIT	0,005	<b>1</b>

correlation matrix (Spearman) hospitals in public ownership

variables	new methods	EBIT
new methods	<b>1</b>	0,465
EBIT	0,465	<b>1</b>

*numbers in bold print are significantly different from zero (alpha = 0,05)*

p-value / hospitals in public ownership

variables	new methods	EBIT
new methods	<b>0</b>	0,110
EBIT	0,110	<b>0</b>

*numbers in bold print are significantly different from zero (alpha = 0,05)*

coefficient of determination (R<sup>2</sup>); hospitals in public ownership

variables	new methods	EBIT
new methods	<b>1</b>	0,216
EBIT	0,216	<b>1</b>

*Source:* Own illustration.