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Príloha I: Projekcie DMU jednotiek (CCR1 DEA model)

Model Name = DEA-Solver LV (V7)/ CCR(CCR-I) Returns to Scale = Constant (0 =< Sum of Lambda < Infinity)

DMU	Score			
I/O	Data	Projection	Difference	Difference in %
1	1			
WAGES	337,171	337,171	0	0,00%
MAT	8290,624	8290,624	0	0,00%
EMIS	48,70915	48,70915	0	0,00%
REVENUES	9526,759	9526,759	0	0,00%
2	0,489345			
WAGES	241,56	118,2061	-123,354	-51,07%
MAT	2260,496	1106,162	-1154,33	-51,07%
EMIS	5856,858	1116,142	-4740,72	-80,94%
REVENUES	3589,701	3589,701	0	0,00%
3	1			
WAGES	74,38235	74,38235	0	0,00%
MAT	28,04953	28,04953	0	0,00%
EMIS	18,50836	18,50836	0	0,00%
REVENUES	291,5559	291,5559	0	0,00%
4	0,538808			
WAGES	50,7252	27,33115	-23,3941	-46,12%
MAT	213,6798	115,1324	-98,5474	-46,12%
EMIS	68,0695	36,67639	-31,3931	-46,12%
REVENUES	310,1592	310,1592	0	0,00%
5	0,527747			
WAGES	20,0628	10,58808	-9,47472	-47,23%
MAT	101,9939	53,827	-48,1669	-47,23%
EMIS	52,43308	27,67141	-24,7617	-47,23%
REVENUES	157,1565	157,1565	0	0,00%
6	0,628943			
WAGES	18,515	11,64489	-6,87011	-37,11%
MAT	90,2	56,73069	-33,4693	-37,11%
EMIS	957,5516	57,96043	-899,591	-93,95%
REVENUES	217,92	217,92	0	0,00%
7	0,469749			
WAGES	6,44243	3,026326	-3,4161	-53,03%
MAT	24,06251	11,30335	-12,7592	-53,03%
EMIS	41,626	11,44393	-30,1821	-72,51%
REVENUES	45,31097	45,31097	0	0,00%
8	1			
WAGES	0,0136	0,0136	0	0,00%
MAT	332,136	332,136	0	0,00%

EMIS	294,1708	294,1708	0	0,00%
REVENUES	418,023	418,023	0	0,00%
9	1			
WAGES	9,142814	9,142814	0	0,00%
MAT	53,14381	53,14381	0	0,00%
EMIS	0,063755	0,063755	0	0,00%
REVENUES	103,1697	103,1697	0	0,00%
10	0,594214			
WAGES	10,75276	6,389436	-4,36332	-40,58%
MAT	28,23475	16,77748	-11,4573	-40,58%
EMIS	498,1202	16,70552	-481,415	-96,65%
REVENUES	72,3371	72,3371	0	0,00%
11	0,466005			
WAGES	4,452681	2,074972	-2,37771	-53,40%
MAT	7,632853	3,556948	-4,07591	-53,40%
EMIS	106,062	3,435156	-102,627	-96,76%
REVENUES	17,26547	17,26547	0	0,00%
12	0,652471			
WAGES	7,760702	5,063629	-2,69707	-34,75%
MAT	35,11076	22,90874	-12,202	-34,75%
EMIS	59,55665	23,3519	-36,2048	-60,79%
REVENUES	88,96706	88,96706	0	0,00%
13	0,794959			
WAGES	3,424036	2,721967	-0,70207	-20,50%
MAT	63,60799	50,56571	-13,0423	-20,50%
EMIS	20,18381	16,04529	-4,13852	-20,50%
REVENUES	84,46516	84,46516	0	0,00%
14	0,601646			
WAGES	6,041165	3,634644	-2,40652	-39,84%
MAT	111,5317	67,10265	-44,4291	-39,84%
EMIS	252,176	63,62557	-188,55	-74,77%
REVENUES	151,9989	151,9989	0	0,00%
15	0,730044			
WAGES	4,751639	3,468906	-1,28273	-27,00%
MAT	24,24521	17,70007	-6,54514	-27,00%
EMIS	380,271	18,10805	-362,163	-95,24%
REVENUES	67,55129	67,55129	0	0,00%
16	1			
WAGES	3,614373	3,614373	0	0,00%
MAT	28,29223	28,29223	0	0,00%
EMIS	29,22986	29,22986	0	0,00%
REVENUES	102,8051	102,8051	0	0,00%
17	0,53445			
WAGES	2,382008	1,273064	-1,10894	-46,55%
MAT	9,145073	4,887585	-4,25749	-46,55%

EMIS	3,186816	1,703194	-1,48362	-46,55%
REVENUES	13,75668	13,75668	0	0,00%
18	0,658896			
WAGES	3,66792	2,416777	-1,25114	-34,11%
MAT	8,818708	5,810611	-3,0081	-34,11%
EMIS	30,377	5,755535	-24,6215	-81,05%
REVENUES	25,59893	25,59893	0	0,00%
19	0,622077			
WAGES	2,693383	1,675492	-1,01789	-37,79%
MAT	10,90039	6,780881	-4,11951	-37,79%
EMIS	99,755	6,885924	-92,8691	-93,10%
REVENUES	26,80708	26,80708	0	0,00%
20	0,698873			
WAGES	1,939213	1,355264	-0,58395	-30,11%
MAT	13,79475	9,640776	-4,15397	-30,11%
EMIS	8,877	6,203896	-2,6731	-30,11%
REVENUES	28,64207	28,64207	0	0,00%
21	0,579008			
WAGES	1,123439	0,65048	-0,47296	-42,10%
MAT	3,371336	1,95203	-1,41931	-42,10%
EMIS	7,125	1,957401	-5,1676	-72,53%
REVENUES	8,167412	8,167412	0	0,00%
22	0,492912			
WAGES	1,094311	0,5394	-0,55491	-50,71%
MAT	3,459872	1,705414	-1,75446	-50,71%
EMIS	6,265	1,71438	-4,55062	-72,64%
REVENUES	7,058149	7,058149	0	0,00%

Zdroj: Vlastné spracovanie

Príloha II: Projekcie DMU jednotiek (CCR2 DEA model)

DMU I/O	Score Data	Projection	Difference	Difference in %
1	1			
WAGES	337,171	337,171	0	0,00%
MAT	8290,624	8290,624	0	0,00%
EMIS	48,70915	48,70915	0	0,00%
WASTE	2591,64	2591,64	0	0,00%
REVENUES	9526,759	9526,759	0	0,00%
2	0,489345			
WAGES	241,56	118,2061	-123,354	-51,07%
MAT	2260,496	1106,162	-1154,33	-51,07%
EMIS	5856,858	1116,142	-4740,72	-80,94%
WASTE	2244,668	150,6626	-2094,01	-93,29%
REVENUES	3589,701	3589,701	0	0,00%
3	1			
WAGES	74,38235	74,38235	0	0,00%
MAT	28,04953	28,04953	0	0,00%
EMIS	18,50836	18,50836	0	0,00%
WASTE	1890,17	1890,17	0	0,00%
REVENUES	291,5559	291,5559	0	0,00%
4	0,581693			
WAGES	50,7252	21,10888	-29,6163	-58,39%
MAT	213,6798	124,296	-89,3838	-41,83%
EMIS	68,0695	39,59554	-28,474	-41,83%
WASTE	147,292	85,67869	-61,6133	-41,83%
REVENUES	310,1592	310,1592	0	0,00%
5	0,550477			
WAGES	20,0628	8,741572	-11,3212	-56,43%
MAT	101,9939	56,14532	-45,8486	-44,95%
EMIS	52,43308	28,86321	-23,5699	-44,95%
WASTE	48,29	26,58254	-21,7075	-44,95%
REVENUES	157,1565	157,1565	0	0,00%
6	0,725003			
WAGES	18,515	9,940814	-8,57419	-46,31%
MAT	90,2	65,39528	-24,8047	-27,50%
EMIS	957,5516	408,2248	-549,327	-57,37%
WASTE	10,213	7,404457	-2,80854	-27,50%
REVENUES	217,92	217,92	0	0,00%
7	0,511776			
WAGES	6,44243	1,783607	-4,65882	-72,31%
MAT	24,06251	12,31461	-11,7479	-48,82%
EMIS	41,626	12,69161	-28,9344	-69,51%
WASTE	14,718	7,532314	-7,18569	-48,82%
REVENUES	45,31097	45,31097	0	0,00%

8	1			
WAGES	0,0136	0,0136	0	0,00%
MAT	332,136	332,136	0	0,00%
EMIS	294,1708	294,1708	0	0,00%
WASTE	10,63	10,63	0	0,00%
REVENUES	418,023	418,023	0	0,00%
9	1			
WAGES	9,142814	9,142814	0	0,00%
MAT	53,14381	53,14381	0	0,00%
EMIS	0,063755	0,063755	0	0,00%
WASTE	25,778	25,778	0	0,00%
REVENUES	103,1697	103,1697	0	0,00%
10	0,703115			
WAGES	10,75276	2,610887	-8,14187	-75,72%
MAT	28,23475	19,85227	-8,38248	-29,69%
EMIS	498,1202	20,49914	-477,621	-95,88%
WASTE	7,252	5,098988	-2,15301	-29,69%
REVENUES	72,3371	72,3371	0	0,00%
11	0,622383			
WAGES	4,452681	0,608172	-3,84451	-86,34%
MAT	7,632853	4,750557	-2,8823	-37,76%
EMIS	106,062	4,907804	-101,154	-95,37%
WASTE	1,25	0,777979	-0,47202	-37,76%
REVENUES	17,26547	17,26547	0	0,00%
12	0,691794			
WAGES	7,760702	3,366948	-4,39375	-56,62%
MAT	35,11076	24,28941	-10,8213	-30,82%
EMIS	59,55665	25,05534	-34,5013	-57,93%
WASTE	15,66	10,83349	-4,82651	-30,82%
REVENUES	88,96706	88,96706	0	0,00%
13	1			
WAGES	3,424036	3,424036	0	0,00%
MAT	63,60799	63,60799	0	0,00%
EMIS	20,18381	20,18381	0	0,00%
WASTE	3,98	3,98	0	0,00%
REVENUES	84,46516	84,46516	0	0,00%
14	0,601646			
WAGES	6,041165	3,634644	-2,40652	-39,84%
MAT	111,5317	67,10265	-44,4291	-39,84%
EMIS	252,176	63,62557	-188,55	-74,77%
WASTE	16,41	5,690349	-10,7197	-65,32%
REVENUES	151,9989	151,9989	0	0,00%
15	1			
WAGES	4,751639	4,751639	0	0,00%
MAT	24,24521	24,24521	0	0,00%

EMIS	380,271	380,271	0	0,00%
WASTE	0,84	0,84	0	0,00%
REVENUES	67,55129	67,55129	0	0,00%
16	1			
WAGES	3,614373	3,614373	0	0,00%
MAT	28,29223	28,29223	0	0,00%
EMIS	29,22986	29,22986	0	0,00%
WASTE	4,43	4,43	0	0,00%
REVENUES	102,8051	102,8051	0	0,00%
17	0,596927			
WAGES	2,382008	0,874835	-1,50717	-63,27%
MAT	9,145073	5,45894	-3,68613	-40,31%
EMIS	3,186816	1,902296	-1,28452	-40,31%
WASTE	4,189	2,500527	-1,68847	-40,31%
REVENUES	13,75668	13,75668	0	0,00%
18	0,74332			
WAGES	3,66792	1,501867	-2,16605	-59,05%
MAT	8,818708	6,55512	-2,26359	-25,67%
EMIS	30,377	6,674094	-23,7029	-78,03%
WASTE	25,19	18,72422	-6,46578	-25,67%
REVENUES	25,59893	25,59893	0	0,00%
19	0,622077			
WAGES	2,693383	1,675492	-1,01789	-37,79%
MAT	10,90039	6,780881	-4,11951	-37,79%
EMIS	99,755	6,885924	-92,8691	-93,10%
WASTE	303,6	22,61599	-280,984	-92,55%
REVENUES	26,80708	26,80708	0	0,00%
20	1			
WAGES	1,939213	1,939213	0	0,00%
MAT	13,79475	13,79475	0	0,00%
EMIS	8,877	8,877	0	0,00%
WASTE	0,059	0,059	0	0,00%
REVENUES	28,64207	28,64207	0	0,00%
21	0,605375			
WAGES	1,123439	0,541242	-0,5822	-51,82%
MAT	3,371336	2,040922	-1,33041	-39,46%
EMIS	7,125	2,067074	-5,05793	-70,99%
WASTE	12,87	7,791175	-5,07882	-39,46%
REVENUES	8,167412	8,167412	0	0,00%
22	0,492912			
WAGES	1,094311	0,5394	-0,55491	-50,71%
MAT	3,459872	1,705414	-1,75446	-50,71%
EMIS	6,265	1,71438	-4,55062	-72,64%
WASTE	198,82	8,831213	-189,989	-95,56%
REVENUES	7,058149	7,058149	0	0,00%

Príloha III: Projekcie DMU jednotiek (BCC1 DEA model)

DMU	Score			
I/O	Data	Projection	Difference	Difference in %
1	1			
WAGES	337,171	337,171	0	0,00%
MAT	8290,624	8290,624	0	0,00%
EMIS	48,70915	48,70915	0	0,00%
REVENUES	9526,759	9526,759	0	0,00%
2	1			
WAGES	241,56	241,56	0	0,00%
MAT	2260,496	2260,496	0	0,00%
EMIS	5856,858	5856,858	0	0,00%
REVENUES	3589,701	3589,701	0	0,00%
3	1			
WAGES	74,38235	74,38235	0	0,00%
MAT	28,04953	28,04953	0	0,00%
EMIS	18,50836	18,50836	0	0,00%
REVENUES	291,5559	291,5559	0	0,00%
4	0,685792			
WAGES	50,7252	34,78692	-15,93828	-31,42%
MAT	213,6798	146,5398	-67,13999	-31,42%
EMIS	68,0695	46,68149	-21,38801	-31,42%
REVENUES	310,1592	310,1592	0	0,00%
5	0,585191			
WAGES	20,0628	11,74058	-8,322223	-41,48%
MAT	101,9939	59,68597	-42,30797	-41,48%
EMIS	52,43308	30,68338	-21,7497	-41,48%
REVENUES	157,1565	157,1565	0	0,00%
6	0,977117			
WAGES	18,515	18,09133	-0,423672	-2,29%
MAT	90,2	88,13599	-2,064015	-2,29%
EMIS	957,5516	184,3104	-773,2412	-80,75%
REVENUES	217,92	217,92	0	0,00%
7	0,509353			
WAGES	6,44243	3,281473	-3,160957	-49,06%
MAT	24,06251	12,25632	-11,80619	-49,06%
EMIS	41,626	14,81748	-26,80852	-64,40%
REVENUES	45,31097	45,31097	0	0,00%
8	1			
WAGES	0,0136	0,0136	0	0,00%
MAT	332,136	332,136	0	0,00%
EMIS	294,1708	294,1708	0	0,00%
REVENUES	418,023	418,023	0	0,00%
9	1			

WAGES	9,142814	9,142814	0	0,00%
MAT	53,14381	53,14381	0	0,00%
EMIS	0,063755	0,063755	0	0,00%
REVENUES	103,1697	103,1697	0	0,00%
10	0,615546			
WAGES	10,75276	6,61882	-4,133939	-38,45%
MAT	28,23475	17,3798	-10,85496	-38,45%
EMIS	498,1202	18,94271	-479,1775	-96,20%
REVENUES	72,3371	72,3371	0	0,00%
11	0,617616			
WAGES	4,452681	2,750048	-1,702633	-38,24%
MAT	7,632853	4,714174	-2,918679	-38,24%
EMIS	106,062	8,094572	-97,96743	-92,37%
REVENUES	17,26547	17,26547	0	0,00%
12	0,661323			
WAGES	7,760702	5,13233	-2,628372	-33,87%
MAT	35,11076	23,21955	-11,89121	-33,87%
EMIS	59,55665	24,42981	-35,12684	-58,98%
REVENUES	88,96706	88,96706	0	0,00%
13	0,939772			
WAGES	3,424036	3,217813	-0,206223	-6,02%
MAT	63,60799	59,77701	-3,830982	-6,02%
EMIS	20,18381	18,96818	-1,21563	-6,02%
REVENUES	84,46516	84,46516	0	0,00%
14	0,647517			
WAGES	6,041165	3,911757	-2,129408	-35,25%
MAT	111,5317	72,2187	-39,31304	-35,25%
EMIS	252,176	79,53914	-172,6369	-68,46%
REVENUES	151,9989	151,9989	0	0,00%
15	0,75571			
WAGES	4,751639	3,590862	-1,160777	-24,43%
MAT	24,24521	18,32235	-5,922858	-24,43%
EMIS	380,271	20,24212	-360,0289	-94,68%
REVENUES	67,55129	67,55129	0	0,00%
16	1			
WAGES	3,614373	3,614373	0	0,00%
MAT	28,29223	28,29223	0	0,00%
EMIS	29,22986	29,22986	0	0,00%
REVENUES	102,8051	102,8051	0	0,00%
17	1			
WAGES	2,382008	2,382008	0	0,00%
MAT	9,145073	9,145073	0	0,00%
EMIS	3,186816	3,186816	0	0,00%
REVENUES	13,75668	13,75668	0	0,00%
18	0,78968			

WAGES	3,66792	2,896485	-0,771435	-21,03%
MAT	8,818708	6,963962	-1,854746	-21,03%
EMIS	30,377	10,10178	-20,27522	-66,75%
REVENUES	25,59893	25,59893	0	0,00%
19	0,734258			
WAGES	2,693383	1,977639	-0,715744	-26,57%
MAT	10,90039	8,003702	-2,896685	-26,57%
EMIS	99,755	11,17582	-88,57918	-88,80%
REVENUES	26,80708	26,80708	0	0,00%
20	0,997497			
WAGES	1,939213	1,934359	-4,85E-03	-0,25%
MAT	13,79475	13,76021	-0,03453	-0,25%
EMIS	8,877	8,85478	-2,22E-02	-0,25%
REVENUES	28,64207	28,64207	0	0,00%
21	1			
WAGES	1,123439	1,123439	0	0,00%
MAT	3,371336	3,371336	0	0,00%
EMIS	7,125	7,125	0	0,00%
REVENUES	8,167412	8,167412	0	0,00%
22	1			
WAGES	1,094311	1,094311	0	0,00%
MAT	3,459872	3,459872	0	0,00%
EMIS	6,265	6,265	0	0,00%
REVENUES	7,058149	7,058149	0	0,00%

Zdroj: Vlastné spracovanie

Príloha IV: Projekcie DMU jednotiek (BCC2 DEA model)

DMU I/O	Score Data	Projection	Difference	Difference in %
1	1			
WAGES	337,171	337,171	0	0,00%
MAT	8290,624	8290,624	0	0,00%
EMIS	48,70915	48,70915	0	0,00%
WASTE	2591,64	2591,64	0	0,00%
REVENUES	9526,759	9526,759	0	0,00%
2	1			
WAGES	241,56	241,56	0	0,00%
MAT	2260,496	2260,496	0	0,00%
EMIS	5856,858	5856,858	0	0,00%
WASTE	2244,668	2244,668	0	0,00%
REVENUES	3589,701	3589,701	0	0,00%
3	1			
WAGES	74,38235	74,38235	0	0,00%
MAT	28,04953	28,04953	0	0,00%
EMIS	18,50836	18,50836	0	0,00%
WASTE	1890,17	1890,17	0	0,00%
REVENUES	291,5559	291,5559	0	0,00%
4	0,931625			
WAGES	50,7252	14,01388	-36,7113	-72,37%
MAT	213,6798	199,0694	-14,6104	-6,84%
EMIS	68,0695	63,41524	-4,65426	-6,84%
WASTE	147,292	137,2209	-10,0711	-6,84%
REVENUES	310,1592	310,1592	0	0,00%
5	0,720718			
WAGES	20,0628	6,180229	-13,8826	-69,20%
MAT	101,9939	73,50882	-28,4851	-27,93%
EMIS	52,43308	37,78944	-14,6436	-27,93%
WASTE	48,29	34,80345	-13,4865	-27,93%
REVENUES	157,1565	157,1565	0	0,00%
6	1			
WAGES	18,515	18,515	0	0,00%
MAT	90,2	90,2	0	0,00%
EMIS	957,5516	957,5516	0	0,00%
WASTE	10,213	10,213	0	0,00%
REVENUES	217,92	217,92	0	0,00%
7	0,561138			
WAGES	6,44243	2,35727	-4,08516	-63,41%
MAT	24,06251	13,50239	-10,5601	-43,89%
EMIS	41,626	23,35793	-18,2681	-43,89%
WASTE	14,718	8,258828	-6,45917	-43,89%
REVENUES	45,31097	45,31097	0	0,00%

8	1			
WAGES	0,0136	0,0136	0	0,00%
MAT	332,136	332,136	0	0,00%
EMIS	294,1708	294,1708	0	0,00%
WASTE	10,63	10,63	0	0,00%
REVENUES	418,023	418,023	0	0,00%
9	1			
WAGES	9,142814	9,142814	0	0,00%
MAT	53,14381	53,14381	0	0,00%
EMIS	0,063755	0,063755	0	0,00%
WASTE	25,778	25,778	0	0,00%
REVENUES	103,1697	103,1697	0	0,00%
10	0,72924			
WAGES	10,75276	3,343732	-7,40903	-68,90%
MAT	28,23475	20,58992	-7,64483	-27,08%
EMIS	498,1202	38,76078	-459,359	-92,22%
WASTE	7,252	5,288451	-1,96355	-27,08%
REVENUES	72,3371	72,3371	0	0,00%
11	1			
WAGES	4,452681	4,452681	0	0,00%
MAT	7,632853	7,632853	0	0,00%
EMIS	106,062	106,062	0	0,00%
WASTE	1,25	1,25	0	0,00%
REVENUES	17,26547	17,26547	0	0,00%
12	0,698076			
WAGES	7,760702	3,432325	-4,32838	-55,77%
MAT	35,11076	24,50996	-10,6008	-30,19%
EMIS	59,55665	25,84585	-33,7108	-56,60%
WASTE	15,66	10,93186	-4,72814	-30,19%
REVENUES	88,96706	88,96706	0	0,00%
13	1			
WAGES	3,424036	3,424036	0	0,00%
MAT	63,60799	63,60799	0	0,00%
EMIS	20,18381	20,18381	0	0,00%
WASTE	3,98	3,98	0	0,00%
REVENUES	84,46516	84,46516	0	0,00%
14	0,649061			
WAGES	6,041165	3,921087	-2,12008	-35,09%
MAT	111,5317	72,39094	-39,1408	-35,09%
EMIS	252,176	87,90098	-164,275	-65,14%
WASTE	16,41	10,6511	-5,7589	-35,09%
REVENUES	151,9989	151,9989	0	0,00%
15	1			
WAGES	4,751639	4,751639	0	0,00%
MAT	24,24521	24,24521	0	0,00%

EMIS	380,271	380,271	0	0,00%
WASTE	0,84	0,84	0	0,00%
REVENUES	67,55129	67,55129	0	0,00%
16	1			
WAGES	3,614373	3,614373	0	0,00%
MAT	28,29223	28,29223	0	0,00%
EMIS	29,22986	29,22986	0	0,00%
WASTE	4,43	4,43	0	0,00%
REVENUES	102,8051	102,8051	0	0,00%
17	1			
WAGES	2,382008	2,382008	0	0,00%
MAT	9,145073	9,145073	0	0,00%
EMIS	3,186816	3,186816	0	0,00%
WASTE	4,189	4,189	0	0,00%
REVENUES	13,75668	13,75668	0	0,00%
18	0,871161			
WAGES	3,66792	1,949851	-1,71807	-46,84%
MAT	8,818708	7,682518	-1,13619	-12,88%
EMIS	30,377	10,89028	-19,4867	-64,15%
WASTE	25,19	21,94455	-3,24545	-12,88%
REVENUES	25,59893	25,59893	0	0,00%
19	0,734258			
WAGES	2,693383	1,977639	-0,71574	-26,57%
MAT	10,90039	8,003702	-2,89669	-26,57%
EMIS	99,755	11,17582	-88,5792	-88,80%
WASTE	303,6	21,72085	-281,879	-92,85%
REVENUES	26,80708	26,80708	0	0,00%
20	1			
WAGES	1,939213	1,939213	0	0,00%
MAT	13,79475	13,79475	0	0,00%
EMIS	8,877	8,877	0	0,00%
WASTE	0,059	0,059	0	0,00%
REVENUES	28,64207	28,64207	0	0,00%
21	1			
WAGES	1,123439	1,123439	0	0,00%
MAT	3,371336	3,371336	0	0,00%
EMIS	7,125	7,125	0	0,00%
WASTE	12,87	12,87	0	0,00%
REVENUES	8,167412	8,167412	0	0,00%
22	1			
WAGES	1,094311	1,094311	0	0,00%
MAT	3,459872	3,459872	0	0,00%
EMIS	6,265	6,265	0	0,00%
WASTE	198,82	198,817	0	0,00%
REVENUES	7,058149	7,058149	0	0,00%

Príloha V: Projekcie DMU jednotiek (SBM1 DEA model)

DMU	Score			
I/O	Data	Projection	Difference	Difference in %
1	1			
WAGES	337,171	337,171	0	0,00%
MAT	8290,624	8290,624	0	0,00%
EMIS	48,70915	48,70915	0	0,00%
REVENUES	9526,759	9526,759	0	0,00%
2	0,377916			
WAGES	241,56	126,205	-115,355	-47,75%
MAT	2260,496	987,8951	-1272,601	-56,30%
EMIS	5856,858	1020,635	-4836,224	-82,57%
REVENUES	3589,701	3589,701	0	0,00%
3	1			
WAGES	74,38235	74,38235	0	0,00%
MAT	28,04953	28,04953	0	0,00%
EMIS	18,50836	18,50836	0	0,00%
REVENUES	291,5559	291,5559	0	0,00%
4	0,430789			
WAGES	50,7252	27,48606	-23,23914	-45,81%
MAT	213,6798	159,7663	-53,9135	-25,23%
EMIS	68,0695	0,191666	-67,87783	-99,72%
REVENUES	310,1592	310,1592	0	0,00%
5	0,496577			
WAGES	20,0628	13,92708	-6,135719	-30,58%
MAT	101,9939	80,95299	-21,04095	-20,63%
EMIS	52,43308	9,71E-02	-52,33596	-99,81%
REVENUES	157,1565	157,1565	0	0,00%
6	0,381129			
WAGES	18,515	7,661528	-10,85347	-58,62%
MAT	90,2	59,97215	-30,22785	-33,51%
EMIS	957,5516	61,95967	-895,592	-93,53%
REVENUES	217,92	217,92	0	0,00%
7	0,358328			
WAGES	6,44243	1,593022	-4,849408	-75,27%
MAT	24,06251	12,4697	-11,59282	-48,18%
EMIS	41,626	12,88295	-28,74305	-69,05%
REVENUES	45,31097	45,31097	0	0,00%
8	1			
WAGES	0,0136	0,0136	0	0,00%
MAT	332,136	332,136	0	0,00%
EMIS	294,1708	294,1708	0	0,00%
REVENUES	418,023	418,023	0	0,00%
9	1			

WAGES	9,142814	9,142814	0	0,00%
MAT	53,14381	53,14381	0	0,00%
EMIS	0,063755	0,063755	0	0,00%
REVENUES	103,1697	103,1697	0	0,00%
10	0,327624			
WAGES	10,75276	2,543194	-8,209565	-76,35%
MAT	28,23475	19,90736	-8,327395	-29,49%
EMIS	498,1202	20,5671	-477,5531	-95,87%
REVENUES	72,3371	72,3371	0	0,00%
11	0,268372			
WAGES	4,452681	0,607011	-3,84567	-86,37%
MAT	7,632853	4,751502	-2,881351	-37,75%
EMIS	106,062	4,90897	-101,153	-95,37%
REVENUES	17,26547	17,26547	0	0,00%
12	0,508367			
WAGES	7,760702	3,127862	-4,63284	-59,70%
MAT	35,11076	24,48397	-10,62679	-30,27%
EMIS	59,55665	25,29538	-34,26127	-57,53%
REVENUES	88,96706	88,96706	0	0,00%
13	0,707804			
WAGES	3,424036	2,985491	-0,438545	-12,81%
MAT	63,60799	63,60799	0	0,00%
EMIS	20,18381	5,076021	-15,10779	-74,85%
REVENUES	84,46516	84,46516	0	0,00%
14	0,477004			
WAGES	6,041165	5,343906	-0,697259	-11,54%
MAT	111,5317	41,8305	-69,70123	-62,49%
EMIS	252,176	43,2168	-208,9592	-82,86%
REVENUES	151,9989	151,9989	0	0,00%
15	0,439028			
WAGES	4,751639	2,374936	-2,376703	-50,02%
MAT	24,24521	18,59029	-5,654917	-23,32%
EMIS	380,271	19,20639	-361,0646	-94,95%
REVENUES	67,55129	67,55129	0	0,00%
16	1			
WAGES	3,614373	3,614373	0	0,00%
MAT	28,29223	28,29223	0	0,00%
EMIS	29,22986	29,22986	0	0,00%
REVENUES	102,8051	102,8051	0	0,00%
17	0,429777			
WAGES	2,382008	1,219106	-1,162902	-48,82%
MAT	9,145073	7,086214	-2,058859	-22,51%
EMIS	3,186816	8,50E-03	-3,178315	-99,73%
REVENUES	13,75668	13,75668	0	0,00%
18	0,427943			

WAGES	3,66792	0,899995	-2,767925	-75,46%
MAT	8,818708	7,044893	-1,773815	-20,11%
EMIS	30,377	7,278366	-23,09863	-76,04%
REVENUES	25,59893	25,59893	0	0,00%
19	0,367709			
WAGES	2,693383	0,94247	-1,750913	-65,01%
MAT	10,90039	7,377377	-3,52301	-32,32%
EMIS	99,755	7,621869	-92,13313	-92,36%
REVENUES	26,80708	26,80708	0	0,00%
20	0,669354			
WAGES	1,939213	1,006984	-0,932229	-48,07%
MAT	13,79475	7,882373	-5,912372	-42,86%
EMIS	8,877	8,143601	-0,733399	-8,26%
REVENUES	28,64207	28,64207	0	0,00%
21	0,416074			
WAGES	1,123439	0,287146	-0,836293	-74,44%
MAT	3,371336	2,247693	-1,123643	-33,33%
EMIS	7,125	2,322183	-4,802817	-67,41%
REVENUES	8,167412	8,167412	0	0,00%
22	0,369498			
WAGES	1,094311	0,248147	-0,846164	-77,32%
MAT	3,459872	1,942421	-1,517451	-43,86%
EMIS	6,265	2,006794	-4,258206	-67,97%
REVENUES	7,058149	7,058149	0	0,00%

Zdroj: Vlastné spracovanie

Príloha VI: Projekcie vstupov a výstupov neefektívnych podnikov - CCR1

DMU - Podnik	Score			
I/O - vstup/výstup	Data	Projection	Difference	Difference in %
4 - Železiarne Podbrezová a.s.	0,538808			
MZDY (I)	50,7252	27,33115	-23,3941	-46,12%
MATERIÁL (I)	213,6798	115,1324	-98,5474	-46,12%
EMISIE (I)	68,0695	36,67639	-31,3931	-46,12%
TRŽBY (O)	310,1592	310,1592	0	0,00%
5 - Johns Manville Slovakia, a.s.	0,527747			
MZDY (I)	20,0628	10,58808	-9,47472	-47,23%
MATERIÁL (I)	101,9939	53,827	-48,1669	-47,23%
EMISIE (I)	52,43308	27,67141	-24,7617	-47,23%
TRŽBY (O)	157,1565	157,1565	0	0,00%
7 - Slovmag, a.s. Lubeník	0,469749			
MZDY (I)	6,44243	3,026326	-3,4161	-53,03%
MATERIÁL (I)	24,06251	11,30335	-12,7592	-53,03%
EMISIE (I)	41,626	11,44393	-30,1821	-72,51%
TRŽBY (O)	45,31097	45,31097	0	0,00%
10 - Považská cementáreň, a.s.	0,594214			
MZDY (I)	10,75276	6,389436	-4,36332	-40,58%
MATERIÁL (I)	28,23475	16,77748	-11,4573	-40,58%
EMISIE (I)	498,1202	16,70552	-481,415	-96,65%
TRŽBY (O)	72,3371	72,3371	0	0,00%
12 - Knauf Insulation, s.r.o.	0,652471			
MZDY (I)	7,760702	5,063629	-2,69707	-34,75%
MATERIÁL (I)	35,11076	22,90874	-12,202	-34,75%
EMISIE (I)	59,55665	23,3519	-36,2048	-60,79%
TRŽBY (O)	88,96706	88,96706	0	0,00%
14 - OFZ, a.s.	0,601646			
MZDY (I)	6,041165	3,634644	-2,40652	-39,84%
MATERIÁL (I)	111,5317	67,10265	-44,4291	-39,84%
EMISIE (I)	252,176	63,62557	-188,55	-74,77%
TRŽBY (O)	151,9989	151,9989	0	0,00%
18 - KOVOHUTY, a.s.	0,658896			
MZDY (I)	3,66792	2,416777	-1,25114	-34,11%
MATERIÁL (I)	8,818708	5,810611	-3,0081	-34,11%
EMISIE (I)	30,377	5,755535	-24,6215	-81,05%
TRŽBY (O)	25,59893	25,59893	0	0,00%
19 - Calmit, spol. s.r.o. Tisovec	0,622077			
MZDY (I)	2,693383	1,675492	-1,01789	-37,79%
MATERIÁL (I)	10,90039	6,780881	-4,11951	-37,79%
EMISIE (I)	99,755	6,885924	-92,8691	-93,10%
TRŽBY (O)	26,80708	26,80708	0	0,00%

Príloha VII: Projekcie vstupov a výstupov neefektívnych podnikov – CCR2

DMU - Podnik	Score			
I/O - vstup/výstup	Data	Projection	Difference	Difference in %
4 - Železiarne Podbrezová a.s.	0,581693			
MZDY (I)	50,7252	21,10888	-29,6163	-58,39%
MATERIÁL (I)	213,6798	124,296	-89,3838	-41,83%
EMISIE (I)	68,0695	39,59554	-28,474	-41,83%
ODPAD (I)	147,292	85,67869	-61,6133	-41,83%
TRŽBY (O)	310,1592	310,1592	0	0,00%
5 - Johns Manville Slovakia, a.s.	0,550477			
MZDY (I)	20,0628	8,741572	-11,3212	-56,43%
MATERIÁL (I)	101,9939	56,14532	-45,8486	-44,95%
EMISIE (I)	52,43308	28,86321	-23,5699	-44,95%
ODPAD (I)	48,29	26,58254	-21,7075	-44,95%
TRŽBY (O)	157,1565	157,1565	0	0,00%
7 - Slovmag, a.s. Lubeník	0,511776			
MZDY (I)	6,44243	1,783607	-4,65882	-72,31%
MATERIÁL (I)	24,06251	12,31461	-11,7479	-48,82%
EMISIE (I)	41,626	12,69161	-28,9344	-69,51%
ODPAD (I)	14,718	7,532314	-7,18569	-48,82%
TRŽBY (O)	45,31097	45,31097	0	0,00%
10 - Považská cementáreň, a.s.	0,703115			
MZDY (I)	10,75276	2,610887	-8,14187	-75,72%
MATERIÁL (I)	28,23475	19,85227	-8,38248	-29,69%
EMISIE (I)	498,1202	20,49914	-477,621	-95,88%
ODPAD (I)	7,252	5,098988	-2,15301	-29,69%
TRŽBY (O)	72,3371	72,3371	0	0,00%
12 - Knauf Insulation, s.r.o.	0,691794			
MZDY (I)	7,760702	3,366948	-4,39375	-56,62%
MATERIÁL (I)	35,11076	24,28941	-10,8213	-30,82%
EMISIE (I)	59,55665	25,05534	-34,5013	-57,93%
ODPAD (I)	15,66	10,83349	-4,82651	-30,82%
TRŽBY (O)	88,96706	88,96706	0	0,00%
14 - OFZ, a.s.	0,601646			
MZDY (I)	6,041165	3,634644	-2,40652	-39,84%
MATERIÁL (I)	111,5317	67,10265	-44,4291	-39,84%
EMISIE (I)	252,176	63,62557	-188,55	-74,77%
ODPAD (I)	16,41	5,690349	-10,7197	-65,32%
TRŽBY (O)	151,9989	151,9989	0	0,00%
18 - KOVOHUTY, a.s.	0,74332			
MZDY (I)	3,66792	1,501867	-2,16605	-59,05%
MATERIÁL (I)	8,818708	6,55512	-2,26359	-25,67%
EMISIE (I)	30,377	6,674094	-23,7029	-78,03%
ODPAD (I)	25,19	18,72422	-6,46578	-25,67%

TRŽBY (O)	25,59893	25,59893	0	0,00%
19 - Calmit, spol. s.r.o. Tisovec	0,622077			
MZDY (I)	2,693383	1,675492	-1,01789	-37,79%
MATERIÁL (I)	10,90039	6,780881	-4,11951	-37,79%
EMISIE (I)	99,755	6,885924	-92,8691	-93,10%
ODPAD (I)	303,6	22,61599	-280,984	-92,55%
TRŽBY (O)	26,80708	26,80708	0	0,00%

Zdroj: Vlastné spracovanie

Príloha VIII: Projekcie vstupov a výstupov neefektívnych podnikov - BCC1

DMU - Podnik	Score			
I/O - vstup/výstup	Data	Projection	Difference	Difference in %
4 - Železiarne Podbrezová a.s.	0,68579162			
MZDY (I)	50,725204	34,7869199	-15,938284	-31,42%
MATERIÁL (I)	213,679835	146,53984	-67,139995	-31,42%
EMISIE (I)	68,0695	46,6814927	-21,388007	-31,42%
TRŽBY (O)	310,159212	310,159212	0	0,00%
5 - Johns Manville Slovakia, a.s.	0,58519134			
MZDY (I)	20,0628	11,7405768	-8,322232	-41,48%
MATERIÁL (I)	101,993938	59,6859693	-42,307969	-41,48%
EMISIE (I)	52,433081	30,683385	-21,749696	-41,48%
TRŽBY (O)	157,156482	157,156482	0	0,00%
7 - Slovmag, a.s. Lubeník	0,50935333			
MZDY (I)	6,44243	3,28147316	-3,1609568	-49,06%
MATERIÁL (I)	24,062514	12,2563216	-11,806192	-49,06%
EMISIE (I)	41,626	14,8174758	-26,808524	-64,40%
TRŽBY (O)	45,310971	45,310971	0	0,00%
10 - Považská cementáreň, a.s.	0,61554625			
MZDY (I)	10,752759	6,61882044	-4,1339386	-38,45%
MATERIÁL (I)	28,234754	17,3797968	-10,854957	-38,45%
EMISIE (I)	498,12019	18,9427119	-479,17748	-96,20%
TRŽBY (O)	72,337101	72,337101	0	0,00%
12 - Knauf Insulation, s.r.o.	0,66132293			
MZDY (I)	7,760702	5,1323302	-2,6283718	-33,87%
MATERIÁL (I)	35,110758	23,2195494	-11,891209	-33,87%
EMISIE (I)	59,55665	24,4298136	-35,126836	-58,98%
TRŽBY (O)	88,96706	88,96706	0	0,00%
14 - OFZ, a.s.	0,64751701			
MZDY (I)	6,041165	3,91175708	-2,1294079	-35,25%
MATERIÁL (I)	111,531736	72,2186959	-39,31304	-35,25%
EMISIE (I)	252,176	79,5391405	-172,63686	-68,46%
TRŽBY (O)	151,99893	151,99893	0	0,00%
18 - KOVOHUTY, a.s.	0,78968047			
MZDY (I)	3,66792	2,89648481	-0,7714352	-21,03%
MATERIÁL (I)	8,818708	6,96396152	-1,8547465	-21,03%
EMISIE (I)	30,377	10,1017764	-20,275224	-66,75%
TRŽBY (O)	25,598932	25,598932	0	0,00%
19 - Calmit, spol. s.r.o. Tisovec	0,73425848			
MZDY (I)	2,693383	1,9776393	-0,7157437	-26,57%
MATERIÁL (I)	10,900387	8,00370158	-2,8966854	-26,57%
EMISIE (I)	99,755	11,1758155	-88,579185	-88,80%
TRŽBY (O)	26,807075	26,807075	0	0,00%

Príloha IX: Projekcie vstupov a výstupov neefektívnych podnikov – BCC2

DMU - Podnik	Score			
I/O - vstup/výstup	Data	Projection	Difference	Difference in %
4 - Železiarne Podbrezová a.s.	0,93162482			
MZDY (I)	50,725204	14,0138776	-36,711326	-72,37%
MATERIÁL (I)	213,679835	199,069437	-14,610398	-6,84%
EMISIE (I)	68,0695	63,4152354	-4,6542646	-6,84%
ODPAD (I)	147,292	137,220882	-10,071118	-6,84%
TRŽBY (O)	310,159212	310,159212	0	0,00%
5 - Johns Manville Slovakia, a.s.	0,72071756			
MZDY (I)	20,0628	6,18022891	-13,882571	-69,20%
MATERIÁL (I)	101,993938	73,5088217	-28,485116	-27,93%
EMISIE (I)	52,433081	37,789442	-14,643639	-27,93%
ODPAD (I)	48,29	34,8034508	-13,486549	-27,93%
TRŽBY (O)	157,156482	157,156482	0	0,00%
7 - Slovmag, a.s. Lubeník	0,56113794			
MZDY (I)	6,44243	2,35726994	-4,0851601	-63,41%
MATERIÁL (I)	24,062514	13,5023895	-10,560124	-43,89%
EMISIE (I)	41,626	23,3579278	-18,268072	-43,89%
ODPAD (I)	14,718	8,25882818	-6,4591718	-43,89%
TRŽBY (O)	45,310971	45,310971	0	0,00%
10 - Považská cementáreň, a.s.	0,72924035			
MZDY (I)	10,752759	3,34373199	-7,409027	-68,90%
MATERIÁL (I)	28,234754	20,5899218	-7,6448322	-27,08%
EMISIE (I)	498,12019	38,7607783	-459,35941	-92,22%
ODPAD (I)	7,252	5,288451	-1,963549	-27,08%
TRŽBY (O)	72,337101	72,337101	0	0,00%
12 - Knauf Insulation, s.r.o.	0,69807557			
MZDY (I)	7,760702	3,43232487	-4,3283771	-55,77%
MATERIÁL (I)	35,110758	24,5099626	-10,600795	-30,19%
EMISIE (I)	59,55665	25,8458497	-33,7108	-56,60%
ODPAD (I)	15,66	10,9318635	-4,7281365	-30,19%
TRŽBY (O)	88,96706	88,96706	0	0,00%
14 - OFZ, a.s.	0,6490614			
MZDY (I)	6,041165	3,92108699	-2,120078	-35,09%
MATERIÁL (I)	111,531736	72,3909443	-39,140792	-35,09%
EMISIE (I)	252,176	87,9009813	-164,27502	-65,14%
ODPAD (I)	16,41	10,6510975	-5,7589025	-35,09%
TRŽBY (O)	151,99893	151,99893	0	0,00%
18 - KOVOHUTY, a.s.	0,87116136			
MZDY (I)	3,66792	1,94985055	-1,7180694	-46,84%
MATERIÁL (I)	8,818708	7,68251768	-1,1361903	-12,88%
EMISIE (I)	30,377	10,8902847	-19,486715	-64,15%
ODPAD (I)	25,19	21,9445547	-3,2454453	-12,88%

TRŽBY (O)	25,598932	25,598932	0	0,00%
19 - Calmit, spol. s.r.o. Tisovec	0,73425848			
MZDY (I)	2,693383	1,9776393	-0,7157437	-26,57%
MATERIÁL (I)	10,900387	8,00370158	-2,8966854	-26,57%
EMISIE (I)	99,755	11,1758155	-88,579185	-88,80%
ODPAD (I)	303,6	21,7208492	-281,87915	-92,85%
TRŽBY (O)	26,807075	26,807075	0	0,00%

Zdroj: Vlastné spracovanie

Príloha X: Projekcie vstupov a výstupov neefektívnych podnikov - SBM1

DMU - Podnik	Score			
I/O - vstup/výstup	Data	Projection	Difference	Difference in %
4 - Železiarne Podbrezová a.s.	0,43078933			
MZDY (I)	50,725204	27,4860592	-23,239145	-45,81%
MATERIÁL (I)	213,679835	159,766331	-53,913504	-25,23%
EMISIE (I)	68,0695	0,19166616	-67,877834	-99,72%
TRŽBY (O)	310,159212	310,159212	0	0,00%
5 - Johns Manville Slovakia, a.s.	0,49657681			
MZDY (I)	20,0628	13,9270807	-6,1357193	-30,58%
MATERIÁL (I)	101,993938	80,9529868	-21,040951	-20,63%
EMISIE (I)	52,433081	9,71E-02	-52,335964	-99,81%
TRŽBY (O)	157,156482	157,156482	0	0,00%
7 - Slovmag, a.s. Lubeník	0,35832804			
MZDY (I)	6,44243	1,59302164	-4,8494084	-75,27%
MATERIÁL (I)	24,062514	12,4696974	-11,592817	-48,18%
EMISIE (I)	41,626	12,8829523	-28,743048	-69,05%
TRŽBY (O)	45,310971	45,310971	0	0,00%
10 - Považská cementáreň, a.s.	0,32762355			
MZDY (I)	10,752759	2,5431935	-8,2095655	-76,35%
MATERIÁL (I)	28,234754	19,9073589	-8,3273951	-29,49%
EMISIE (I)	498,12019	20,5671034	-477,55309	-95,87%
TRŽBY (O)	72,337101	72,337101	0	0,00%
12 - Knauf Insulation, s.r.o.	0,50836727			
MZDY (I)	7,760702	3,12786172	-4,6328403	-59,70%
MATERIÁL (I)	35,110758	24,483967	-10,626791	-30,27%
EMISIE (I)	59,55665	25,2953836	-34,261266	-57,53%
TRŽBY (O)	88,96706	88,96706	0	0,00%
14 - OFZ, a.s.	0,4770041			
MZDY (I)	6,041165	5,34390632	-0,6972587	-11,54%
MATERIÁL (I)	111,531736	41,8305021	-69,701234	-62,49%
EMISIE (I)	252,176	43,2167956	-208,9592	-82,86%
TRŽBY (O)	151,99893	151,99893	0	0,00%
18 - KOVOHUTY, a.s.	0,42794275			
MZDY (I)	3,66792	0,89999511	-2,7679249	-75,46%
MATERIÁL (I)	8,818708	7,04489287	-1,7738151	-20,11%
EMISIE (I)	30,377	7,27836579	-23,098634	-76,04%
TRŽBY (O)	25,598932	25,598932	0	0,00%
19 - Calmit, spol. s.r.o. Tisovec	0,36770871			
MZDY (I)	2,693383	0,94247043	-1,7509126	-65,01%
MATERIÁL (I)	10,900387	7,37737698	-3,52301	-32,32%
EMISIE (I)	99,755	7,62186866	-92,133131	-92,36%
TRŽBY (O)	26,807075	26,807075	0	0,00%

