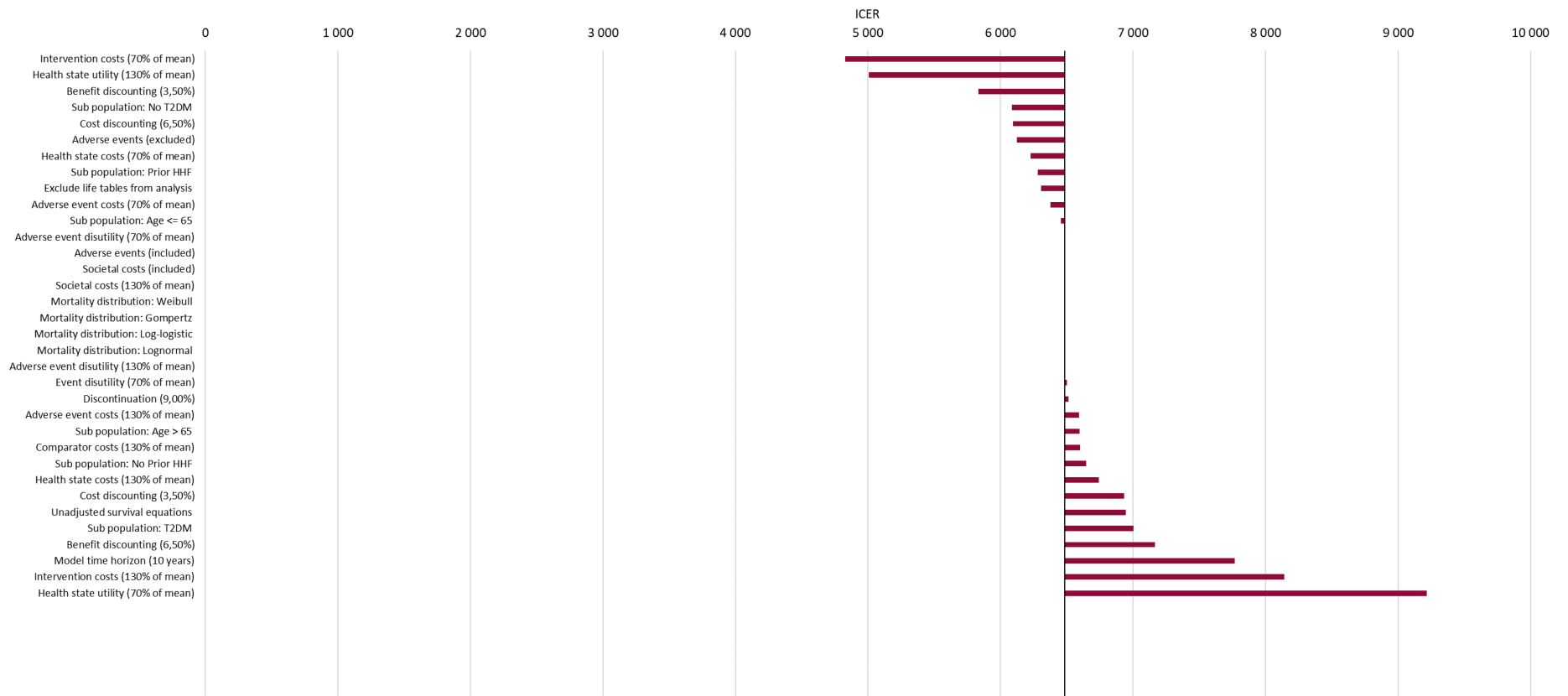


Forxiga – dapagliflozín v indikácii srdcové zlyhávanie – analýza citlivosti

Obrázok 21 Výsledky analýzy citlivosti v celoživotnom časovom horizonte

Scenario	Dapagliflozín			Placebo			Incremental results			Cost-effectiveness ICER (Cost/QALY)
	Total cost	Total QALYs	Total life years	Total cost	Total QALYs	Total life years	Total cost	Total QALYs	Total life years	
Base case	10 826,81 €	4,170	5,615	8 209,31 €	3,767	5,126	2 617,50 €	0,404	0,488	6 485,44 €
Model time horizon (10 years)	9 768,09 €	3,720	5,010	7 496,73 €	3,427	4,667	2 271,36 €	0,292	0,343	7 769,48 €
Model time horizon (Lifetime)	10 826,81 €	4,170	5,615	8 209,31 €	3,767	5,126	2 617,50 €	0,404	0,488	6 485,44 €
Cost discounting (3,50%)	11 481,61 €	4,170	5,615	8 682,88 €	3,767	5,126	2 798,73 €	0,404	0,488	6 934,46 €
Cost discounting (6,50%)	10 250,18 €	4,170	5,615	7 790,36 €	3,767	5,126	2 459,82 €	0,404	0,488	6 094,74 €
Benefit discounting (3,50%)	10 826,81 €	4,434	5,969	8 209,31 €	3,985	5,423	2 617,50 €	0,449	0,546	5 832,41 €
Benefit discounting (6,50%)	10 826,81 €	3,939	5,304	8 209,31 €	3,574	4,865	2 617,50 €	0,365	0,440	7 167,44 €
Adverse events (excluded)	9 525,50 €	4,175	5,615	7 052,96 €	3,771	5,126	2 472,54 €	0,404	0,488	6 121,89 €
Adverse events (included)	10 826,81 €	4,170	5,615	8 209,31 €	3,767	5,126	2 617,50 €	0,404	0,488	6 485,44 €
Sub population: T2DM	13 844,53 €	3,721	5,072	11 132,12 €	3,333	4,596	2 712,41 €	0,387	0,476	7 002,16 €
Sub population: No T2DM	8 179,70 €	4,535	6,052	5 657,48 €	4,121	5,557	2 522,22 €	0,415	0,495	6 084,53 €
Sub population: Prior HHF	11 232,97 €	4,104	5,532	8 695,65 €	3,700	5,044	2 537,32 €	0,404	0,489	6 279,43 €
Sub population: No Prior HHF	10 600,57 €	4,228	5,690	7 920,67 €	3,825	5,201	2 679,89 €	0,403	0,488	6 646,17 €
Sub population: Age <= 65	11 837,63 €	4,599	6,199	8 996,49 €	4,159	5,666	2 841,14 €	0,440	0,533	6 457,18 €
Sub population: Age > 65	9 754,63 €	3,701	4,981	7 393,89 €	3,344	4,549	2 360,74 €	0,358	0,432	6 598,41 €
Societal costs (excluded)	10 826,81 €	4,170	5,615	8 209,31 €	3,767	5,126	2 617,50 €	0,404	0,488	6 485,44 €
Societal costs (included)	10 826,81 €	4,170	5,615	8 209,31 €	3,767	5,126	2 617,50 €	0,404	0,488	6 485,44 €
Health state costs (70% of mean)	9 675,16 €	4,170	5,615	7 161,72 €	3,767	5,126	2 513,44 €	0,404	0,488	6 227,60 €
Health state costs (130% of mean)	11 978,47 €	4,170	5,615	9 256,90 €	3,767	5,126	2 721,57 €	0,404	0,488	6 743,28 €
Adverse event costs (70% of mean)	10 436,42 €	4,170	5,615	7 862,41 €	3,767	5,126	2 574,01 €	0,404	0,488	6 377,69 €
Adverse event costs (130% of mean)	11 217,21 €	4,170	5,615	8 556,22 €	3,767	5,126	2 660,99 €	0,404	0,488	6 593,19 €
Societal costs (70% of mean)	10 826,81 €	4,170	5,615	8 209,31 €	3,767	5,126	2 617,50 €	0,404	0,488	6 485,44 €
Societal costs (130% of mean)	10 826,81 €	4,170	5,615	8 209,31 €	3,767	5,126	2 617,50 €	0,404	0,488	6 485,44 €
Intervention costs (70% of mean)	10 158,09 €	4,170	5,615	8 209,31 €	3,767	5,126	1 948,78 €	0,404	0,488	4 828,53 €
Intervention costs (130% of mean)	11 495,54 €	4,170	5,615	8 209,31 €	3,767	5,126	3 286,23 €	0,404	0,488	8 142,35 €
Comparator costs (70% of mean)	10 295,06 €	4,170	5,615	7 723,81 €	3,767	5,126	2 571,25 €	0,404	0,488	6 370,83 €
Comparator costs (130% of mean)	11 358,57 €	4,170	5,615	8 694,81 €	3,767	5,126	2 663,76 €	0,404	0,488	6 600,05 €
Health state utility (70% of mean)	10 826,81 €	2,920	5,615	8 209,31 €	2,636	5,126	2 617,50 €	0,284	0,488	9 218,81 €
Health state utility (130% of mean)	10 826,81 €	5,416	5,615	8 209,31 €	4,893	5,126	2 617,50 €	0,523	0,488	5 007,50 €
Event disutility (70% of mean)	10 826,81 €	4,175	5,615	8 209,31 €	3,773	5,126	2 617,50 €	0,403	0,488	6 499,31 €
Event disutility (130% of mean)	10 826,81 €	4,166	5,615	8 209,31 €	3,761	5,126	2 617,50 €	0,404	0,488	6 471,62 €
Adverse event disutility (70% of mean)	10 826,81 €	4,172	5,615	8 209,31 €	3,768	5,126	2 617,50 €	0,404	0,488	6 484,05 €
Adverse event disutility (130% of mean)	10 826,81 €	4,169	5,615	8 209,31 €	3,766	5,126	2 617,50 €	0,404	0,488	6 486,83 €
Discontinuation (5,00%)	11 047,29 €	4,206	5,659	8 209,31 €	3,767	5,126	2 837,98 €	0,440	0,533	6 455,72 €
Discontinuation (9,00%)	10 632,90 €	4,139	5,576	8 209,31 €	3,767	5,126	2 423,59 €	0,372	0,450	6 514,87 €
Mortality distribution: Weibull	10 826,81 €	4,170	5,615	8 209,31 €	3,767	5,126	2 617,50 €	0,404	0,488	6 485,44 €
Mortality distribution: Gompertz	10 826,81 €	4,170	5,615	8 209,31 €	3,767	5,126	2 617,50 €	0,404	0,488	6 485,44 €
Mortality distribution: Log-logistic	10 826,81 €	4,170	5,615	8 209,31 €	3,767	5,126	2 617,50 €	0,404	0,488	6 485,44 €
Mortality distribution: Lognormal	10 826,81 €	4,170	5,615	8 209,31 €	3,767	5,126	2 617,50 €	0,404	0,488	6 485,44 €
Unadjusted survival equations	11 635,63 €	4,417	5,988	8 941,88 €	4,030	5,523	2 693,75 €	0,388	0,464	6 945,80 €
Exclude life tables from analysis	11 210,64 €	4,340	5,838	8 489,86 €	3,908	5,314	2 720,78 €	0,432	0,524	6 304,62 €



Obrazok 22 Výsledky analýzy citlivosti v 5 ročnom časovom horizonte

Scenario	Dapagliflozin			Placebo			Incremental results			Cost-effectiveness ICER (Cost/QALY)
	Total cost	Total QALYs	Total life years	Total cost	Total QALYs	Total life years	Total cost	Total QALYs	Total life years	
Base case	7 118,62 €	2,669	3,601	5 540,70 €	2,534	3,456	1 577,92 €	0,135	0,145	11 672,29 €
Model time horizon (10 years)	9 768,09 €	3,720	5,010	7 496,73 €	3,427	4,667	2 271,36 €	0,292	0,343	7 769,48 €
Model time horizon (Lifetime)	10 826,81 €	4,170	5,615	8 209,31 €	3,767	5,126	2 617,50 €	0,404	0,488	6 485,44 €
Cost discounting (3,50%)	7 293,11 €	2,669	3,601	5 676,35 €	2,534	3,456	1 616,76 €	0,135	0,145	11 959,59 €
Cost discounting (6,50%)	6 953,36 €	2,669	3,601	5 412,21 €	2,534	3,456	1 541,15 €	0,135	0,145	11 400,33 €
Benefit discounting (3,50%)	7 118,62 €	2,735	3,690	5 540,70 €	2,595	3,539	1 577,92 €	0,140	0,151	11 257,84 €
Benefit discounting (6,50%)	7 118,62 €	2,607	3,517	5 540,70 €	2,476	3,378	1 577,92 €	0,130	0,140	12 091,97 €
Adverse events (excluded)	6 289,47 €	2,672	3,601	4 768,62 €	2,537	3,456	1 520,85 €	0,135	0,145	11 245,85 €
Adverse events (included)	7 118,62 €	2,669	3,601	5 540,70 €	2,534	3,456	1 577,92 €	0,135	0,145	11 672,29 €
Sub population: T2DM	9 484,93 €	2,527	3,456	7 902,97 €	2,382	3,294	1 581,96 €	0,145	0,162	10 887,82 €
Sub population: No T2DM	5 138,31 €	2,777	3,708	3 567,69 €	2,650	3,577	1 570,62 €	0,127	0,132	12 349,71 €
Sub population: Prior HHF	7 420,96 €	2,650	3,579	5 913,74 €	2,512	3,431	1 507,21 €	0,138	0,148	10 923,63 €
Sub population: No Prior HHF	6 934,57 €	2,683	3,620	5 307,10 €	2,551	3,477	1 627,47 €	0,133	0,143	12 254,72 €
Sub population: Age <= 65	7 328,38 €	2,750	3,718	5 709,98 €	2,622	3,584	1 618,41 €	0,128	0,135	12 635,68 €
Sub population: Age > 65	6 873,97 €	2,559	3,448	5 346,54 €	2,418	3,293	1 527,43 €	0,141	0,154	10 825,45 €
Societal costs (excluded)	7 118,62 €	2,669	3,601	5 540,70 €	2,534	3,456	1 577,92 €	0,135	0,145	11 672,29 €
Societal costs (included)	7 118,62 €	2,669	3,601	5 540,70 €	2,534	3,456	1 577,92 €	0,135	0,145	11 672,29 €
Health state costs (70% of mean)	6 357,52 €	2,669	3,601	4 812,60 €	2,534	3,456	1 544,93 €	0,135	0,145	11 428,25 €
Health state costs (130% of mean)	7 879,71 €	2,669	3,601	6 268,80 €	2,534	3,456	1 610,91 €	0,135	0,145	11 916,33 €
Adverse event costs (70% of mean)	6 869,87 €	2,669	3,601	5 309,08 €	2,534	3,456	1 560,80 €	0,135	0,145	11 545,64 €
Adverse event costs (130% of mean)	7 367,36 €	2,669	3,601	5 772,33 €	2,534	3,456	1 595,04 €	0,135	0,145	11 798,94 €
Societal costs (70% of mean)	7 118,62 €	2,669	3,601	5 540,70 €	2,534	3,456	1 577,92 €	0,135	0,145	11 672,29 €
Societal costs (130% of mean)	7 118,62 €	2,669	3,601	5 540,70 €	2,534	3,456	1 577,92 €	0,135	0,145	11 672,29 €
Intervention costs (70% of mean)	6 630,81 €	2,669	3,601	5 540,70 €	2,534	3,456	1 090,11 €	0,135	0,145	8 063,83 €
Intervention costs (130% of mean)	7 606,43 €	2,669	3,601	5 540,70 €	2,534	3,456	2 065,73 €	0,135	0,145	15 280,75 €
Comparator costs (70% of mean)	6 777,54 €	2,669	3,601	5 213,37 €	2,534	3,456	1 564,17 €	0,135	0,145	11 570,63 €
Comparator costs (130% of mean)	7 459,69 €	2,669	3,601	5 868,03 €	2,534	3,456	1 591,66 €	0,135	0,145	11 773,96 €
Health state utility (70% of mean)	7 118,62 €	1,869	3,601	5 540,70 €	1,773	3,456	1 577,92 €	0,096	0,145	16 491,27 €
Health state utility (130% of mean)	7 118,62 €	3,466	3,601	5 540,70 €	3,291	3,456	1 577,92 €	0,174	0,145	9 042,82 €
Event disutility (70% of mean)	7 118,62 €	2,672	3,601	5 540,70 €	2,538	3,456	1 577,92 €	0,134	0,145	11 745,44 €
Event disutility (130% of mean)	7 118,62 €	2,666	3,601	5 540,70 €	2,530	3,456	1 577,92 €	0,136	0,145	11 600,04 €
Adverse event disutility (70% of mean)	7 118,62 €	2,670	3,601	5 540,70 €	2,535	3,456	1 577,92 €	0,135	0,145	11 670,96 €
Adverse event disutility (130% of mean)	7 118,62 €	2,668	3,601	5 540,70 €	2,533	3,456	1 577,92 €	0,135	0,145	11 673,63 €
Discontinuation (5,00%)	7 181,77 €	2,674	3,606	5 540,70 €	2,534	3,456	1 641,07 €	0,140	0,150	11 751,29 €
Discontinuation (9,00%)	7 057,91 €	2,665	3,597	5 540,70 €	2,534	3,456	1 517,21 €	0,131	0,140	11 594,85 €
Mortality distribution: Weibull	7 118,62 €	2,669	3,601	5 540,70 €	2,534	3,456	1 577,92 €	0,135	0,145	11 672,29 €
Mortality distribution: Gompertz	7 118,62 €	2,669	3,601	5 540,70 €	2,534	3,456	1 577,92 €	0,135	0,145	11 672,29 €
Mortality distribution: Log-logistic	7 118,62 €	2,669	3,601	5 540,70 €	2,534	3,456	1 577,92 €	0,135	0,145	11 672,29 €
Mortality distribution: Lognormal	7 118,62 €	2,669	3,601	5 540,70 €	2,534	3,456	1 577,92 €	0,135	0,145	11 672,29 €
Unadjusted survival equations	7 261,20 €	2,701	3,661	5 672,01 €	2,574	3,529	1 589,19 €	0,127	0,132	12 532,97 €
Exclude life tables from analysis	7 203,80 €	2,704	3,646	5 612,04 €	2,569	3,503	1 591,76 €	0,135	0,144	11 825,95 €

