

14.2.3.9.a Quality of life in the grass pollen season and the birch pollen season measured by the SF-12 - Full Analysis Set

Question Answer	ALLERGOVIT® grasses (N=46)		ALLERGOVIT® birch (N=48)		Overall (N=94)	
	Birch pollen season	Grass pollen season	Birch pollen season	Grass pollen season	Birch pollen season	Grass pollen season
In general, would you say your health is:						
Excellent	6 (13.6%)	4 (9.1%)	8 (17.4%)	6 (13.0%)	14 (15.6%)	10 (11.1%)
Very good	21 (47.7%)	22 (50.0%)	15 (32.6%)	15 (32.6%)	36 (40.0%)	37 (41.1%)
Good	11 (25.0%)	15 (34.1%)	17 (37.0%)	21 (45.7%)	28 (31.1%)	36 (40.0%)
Fair	7 (15.9%)	3 (6.8%)	4 (8.7%)	4 (8.7%)	11 (12.2%)	7 (7.8%)
Poor	0 (0.0%)	0 (0.0%)	2 (4.3%)	0 (0.0%)	2 (2.2%)	0 (0.0%)
Missing	0	0	0	0	0	0
p-value ^a					0.7102	0.3950
p-value ^b	0.9144		0.8946			
Does your health now limit you in moderate activities?						
Yes, limited a lot	1 (2.3%)	1 (2.3%)	1 (2.2%)	0 (0.0%)	2 (2.2%)	1 (1.1%)
Yes, limited a little	6 (13.6%)	5 (11.4%)	9 (19.6%)	13 (28.3%)	15 (16.7%)	18 (20.0%)
No, not limited at all	37 (84.1%)	38 (86.4%)	36 (78.3%)	33 (71.7%)	73 (81.1%)	71 (78.9%)
Missing	0	0	0	0	0	0
p-value ^a					0.4984	0.1079
p-value ^b	1.0000		0.8066			
Does your health now limit you in climbing several flights of stairs?						
Yes, limited a lot	3 (6.8%)	2 (4.5%)	1 (2.2%)	1 (2.2%)	4 (4.4%)	3 (3.3%)
Yes, limited a little	7 (15.9%)	8 (18.2%)	17 (37.0%)	22 (47.8%)	24 (26.7%)	30 (33.3%)
No, not limited at all	34 (77.3%)	34 (77.3%)	28 (60.9%)	23 (50.0%)	62 (68.9%)	57 (63.3%)
Missing	0	0	0	0	0	0
p-value ^a					0.1521	0.0136
p-value ^b	1.0000		0.3018			

^a p-value from two-sided Mann-Whitney U-test comparing the results from the different treatments within a season

^b p-value from two-sided Wilcoxon signed-rank test comparing the results from the different seasons within a treatment group

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	Birch pollen season	Grass pollen season	Birch pollen season	Grass pollen season	Birch pollen season	Grass pollen season
During the past 4 weeks, how much of the time have you had accomplished less than you would like as a result of your physical health?						
All of the time	2 (4.5%)	1 (2.3%)	0 (0.0%)	0 (0.0%)	2 (2.2%)	1 (1.1%)
Most of the time	3 (6.8%)	5 (11.4%)	3 (6.5%)	1 (2.2%)	6 (6.7%)	6 (6.7%)
Some of the time	6 (13.6%)	6 (13.6%)	10 (21.7%)	14 (30.4%)	16 (17.8%)	20 (22.2%)
A little of the time	16 (36.4%)	14 (31.8%)	17 (37.0%)	22 (47.8%)	33 (36.7%)	36 (40.0%)
None of the time	17 (38.6%)	18 (40.9%)	16 (34.8%)	9 (19.6%)	33 (36.7%)	27 (30.0%)
Missing	0	0	0	0	0	0
p-value ^a					0.7980	0.2043
p-value ^b	0.9607		0.3108			
During the past 4 weeks, how much of the time were you limited in the kind of work or other activities as a result of your physical health?						
All of the time	0 (0.0%)	0 (0.0%)	0 (0.0%)	1 (2.2%)	0 (0.0%)	1 (1.1%)
Most of the time	4 (9.1%)	1 (2.3%)	3 (6.5%)	0 (0.0%)	7 (7.8%)	1 (1.1%)
Some of the time	5 (11.4%)	5 (11.4%)	5 (10.9%)	10 (21.7%)	10 (11.1%)	15 (16.7%)
A little of the time	7 (15.9%)	14 (31.8%)	16 (34.8%)	17 (37.0%)	23 (25.6%)	31 (34.4%)
None of the time	28 (63.6%)	24 (54.5%)	22 (47.8%)	18 (39.1%)	50 (55.6%)	42 (46.7%)
Missing	0	0	0	0	0	0
p-value ^a					0.3109	0.1167
p-value ^b	0.6066		0.3808			
During the past 4 weeks, how much of the time have you had accomplished less than you would like as a result of your emotional problems?						
All of the time	2 (4.5%)	1 (2.3%)	0 (0.0%)	0 (0.0%)	2 (2.2%)	1 (1.1%)
Most of the time	2 (4.5%)	2 (4.5%)	3 (6.5%)	2 (4.3%)	5 (5.6%)	4 (4.4%)
Some of the time	7 (15.9%)	7 (15.9%)	11 (23.9%)	14 (30.4%)	18 (20.0%)	21 (23.3%)

^a p-value from two-sided Mann-Whitney U-test comparing the results from the different treatments within a season

^b p-value from two-sided Wilcoxon signed-rank test comparing the results from the different seasons within a treatment group

14.2.3.9.a Quality of life in the grass pollen season and the birch pollen season measured by the SF-12 - Full Analysis Set

Question Answer	ALLERGOVIT® grasses (N=46)		ALLERGOVIT® birch (N=48)		Overall (N=94)	
	Birch pollen season	Grass pollen season	Birch pollen season	Grass pollen season	Birch pollen season	Grass pollen season
A little of the time	6 (13.6%)	11 (25.0%)	15 (32.6%)	12 (26.1%)	21 (23.3%)	23 (25.6%)
None of the time	27 (61.4%)	23 (52.3%)	17 (37.0%)	18 (39.1%)	44 (48.9%)	41 (45.6%)
Missing	0	0	0	0	0	0
p-value ^a					0.0960	0.2096
p-value ^b	0.9998		0.9800			
During the past 4 weeks, how much of the time did you do work or other activities less carefully than usual as a result of your physical health?						
All of the time	2 (4.5%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	2 (2.2%)	0 (0.0%)
Most of the time	1 (2.3%)	4 (9.1%)	1 (2.2%)	4 (8.7%)	2 (2.2%)	8 (8.9%)
Some of the time	9 (20.5%)	6 (13.6%)	9 (19.6%)	12 (26.1%)	18 (20.0%)	18 (20.0%)
A little of the time	7 (15.9%)	9 (20.5%)	14 (30.4%)	10 (21.7%)	21 (23.3%)	19 (21.1%)
None of the time	25 (56.8%)	25 (56.8%)	22 (47.8%)	20 (43.5%)	47 (52.2%)	45 (50.0%)
Missing	0	0	0	0	0	0
p-value ^a					0.7811	0.2077
p-value ^b	0.5820		0.0806			
During the past 4 weeks, how much did pain interfere with your normal work (including both work outside the home and housework)?						
Not at all	34 (77.3%)	28 (63.6%)	31 (67.4%)	27 (58.7%)	65 (72.2%)	55 (61.1%)
A little bit	3 (6.8%)	7 (15.9%)	11 (23.9%)	12 (26.1%)	14 (15.6%)	19 (21.1%)
Moderately	5 (11.4%)	7 (15.9%)	2 (4.3%)	5 (10.9%)	7 (7.8%)	12 (13.3%)
Quite a bit	2 (4.5%)	1 (2.3%)	2 (4.3%)	2 (4.3%)	4 (4.4%)	3 (3.3%)
Extremely	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)
Missing	0	1	0	0	0	1
p-value ^a					0.4727	0.6770
p-value ^b	0.2878		0.3056			

^a p-value from two-sided Mann-Whitney U-test comparing the results from the different treatments within a season

^b p-value from two-sided Wilcoxon signed-rank test comparing the results from the different seasons within a treatment group

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	Birch pollen season	Grass pollen season	Birch pollen season	Grass pollen season	Birch pollen season	Grass pollen season
During the past 4 weeks, how much of the time have you felt calm and peaceful?						
All of the time	1 (2.3%)	5 (11.4%)	4 (8.7%)	3 (6.5%)	5 (5.6%)	8 (8.9%)
Most of the time	30 (68.2%)	26 (59.1%)	26 (56.5%)	29 (63.0%)	56 (62.2%)	55 (61.1%)
Some of the time	9 (20.5%)	8 (18.2%)	10 (21.7%)	10 (21.7%)	19 (21.1%)	18 (20.0%)
A little of the time	3 (6.8%)	1 (2.3%)	5 (10.9%)	4 (8.7%)	8 (8.9%)	5 (5.6%)
None of the time	1 (2.3%)	3 (6.8%)	1 (2.2%)	0 (0.0%)	2 (2.2%)	3 (3.3%)
Missing	0	1	0	0	0	1
p-value ^a					0.9146	0.6501
p-value ^b	0.8328		0.6064			
During the past 4 weeks, how much of the time did you have a lot of energy?						
All of the time	2 (4.5%)	4 (9.1%)	4 (8.7%)	0 (0.0%)	6 (6.7%)	4 (4.4%)
Most of the time	23 (52.3%)	24 (54.5%)	19 (41.3%)	19 (41.3%)	42 (46.7%)	43 (47.8%)
Some of the time	13 (29.5%)	10 (22.7%)	15 (32.6%)	21 (45.7%)	28 (31.1%)	31 (34.4%)
A little of the time	4 (9.1%)	3 (6.8%)	7 (15.2%)	6 (13.0%)	11 (12.2%)	9 (10.0%)
None of the time	1 (2.3%)	2 (4.5%)	1 (2.2%)	0 (0.0%)	2 (2.2%)	2 (2.2%)
Missing	1	1	0	0	1	1
p-value ^a					0.5594	0.0289
p-value ^b	0.8407		0.3813			
During the past 4 weeks, how much of the time have you felt downhearted and depressed?						
All of the time	1 (2.3%)	1 (2.3%)	0 (0.0%)	0 (0.0%)	1 (1.1%)	1 (1.1%)
Most of the time	3 (6.8%)	3 (6.8%)	4 (8.7%)	1 (2.2%)	7 (7.8%)	4 (4.4%)
Some of the time	8 (18.2%)	8 (18.2%)	14 (30.4%)	14 (30.4%)	22 (24.4%)	22 (24.4%)
A little of the time	23 (52.3%)	18 (40.9%)	17 (37.0%)	19 (41.3%)	40 (44.4%)	37 (41.1%)

^a p-value from two-sided Mann-Whitney U-test comparing the results from the different treatments within a season

^b p-value from two-sided Wilcoxon signed-rank test comparing the results from the different seasons within a treatment group

14.2.3.9.a Quality of life in the grass pollen season and the birch pollen season measured by the SF-12 - Full Analysis Set

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	Birch pollen season	Grass pollen season	Birch pollen season	Grass pollen season	Birch pollen season	Grass pollen season
None of the time	8 (18.2%)	13 (29.5%)	11 (23.9%)	12 (26.1%)	19 (21.1%)	25 (27.8%)
Missing	1	1	0	0	1	1
p-value ^a					0.7400	0.7476
p-value ^b	0.6267		0.2296			
During the past 4 weeks, how much of the time has your physical health or emotional problems interfered with your social activities (like visiting friends, relatives, etc.)?						
All of the time	0 (0.0%)	0 (0.0%)	0 (0.0%)	1 (2.2%)	0 (0.0%)	1 (1.1%)
Most of the time	1 (2.3%)	1 (2.3%)	2 (4.3%)	1 (2.2%)	3 (3.3%)	2 (2.2%)
Some of the time	9 (20.5%)	4 (9.1%)	13 (28.3%)	11 (23.9%)	22 (24.4%)	15 (16.7%)
A little of the time	5 (11.4%)	11 (25.0%)	15 (32.6%)	13 (28.3%)	20 (22.2%)	24 (26.7%)
None of the time	29 (65.9%)	27 (61.4%)	16 (34.8%)	20 (43.5%)	45 (50.0%)	47 (52.2%)
Missing	0	1	0	0	0	1
p-value ^a					0.0144	0.0393
p-value ^b	0.7964		0.4259			

^a p-value from two-sided Mann-Whitney U-test comparing the results from the different treatments within a season

^b p-value from two-sided Wilcoxon signed-rank test comparing the results from the different seasons within a treatment group