

Table S1. Number of consultations by cases (n=1443) and references 1 mean (95% CI) and median (Q1, Q3)^a consultations per year

	All care		Physician		Physiotherapist	
	Cases	References	Cases	References	Cases	References
Year ^b	Mean (95% CI)					
Year -3	8.9 (8.2-9.6)	7.2 (6.8-7.5)	4.4 (4.4-4.7)	3.5 (3.3-3.5)	1.5 (1.2-1.8)	1.1 (1.0-1.3)
Year -2	9.5 (8.7-10.3)	7.2 (6.9-7.5)	4.6 (4.3-5.0)	3.6 (3.3-3.6)	1.8 (1.4-2.1)	1 (0.9-1.1)
Year -1	9.6 (8.7-10.4)	7.1 (6.8-7.4)	4.6 (4.3-4.9)	3.6 (3.3-3.6)	1.6 (1.2-2.0)	1 (0.8-1.1)
Year 1	14.5 (13.4-15.6)	7.5 (7.2-7.8)	6.1 (5.7-6.5)	3.8 (3.5-3.8)	4.4 (3.8-5.0)	0.9 (0.8-1.0)
Year 2	12.0 (11.1-13.0)	8.1 (7.7-8.4)	5.5 (5.1-5.9)	3.9 (3.6-3.9)	2.7 (2.1-3.1)	1.1 (1.0-1.3)
Year 3	11.7 (10.9-12.6)	8.2 (7.8-8.6)	5.4 (5.1-5.8)	4.3 (3.8-4.3)	2.2 (1.8-2.6)	1.1 (0.9-1.2)
Year ^b	Median (Q1,Q3)					
Year -3	4 (1;11)	3 (1;8)	2 (1;6)	2 (0;5)	0 (0;0)	0 (0;0)
Year -2	5 (1;11)	3 (1;9)	3 (1;6)	2 (0;5)	0 (0;0)	0 (0;0)
Year -1	5 (1;11)	3 (1;9)	3 (1;6)	2 (0;5)	0 (0;0)	0 (0;0)
Year 1	7 (2;18)	3 (1;9)	4 (1;8)	2 (0;5)	0 (0;2)	0 (0;0)
Year 2	6 (2;18)	3 (1;9)	3 (1;7)	2 (0;5)	0 (0;0)	0 (0;0)
Year 3	6 (2;15)	4 (1;9)	3 (1;7)	2 (0;5)	0 (0;0)	0 (0;0)

^a Quartiles

^bYear -3= three years until two years before the “screening” month, Year -2 = two years until one year before the “screening” month, Year -1= one year before the “screening” month, Year 1= one day after until one year after the neck trauma diagnosis, Year 2= one year to two years after neck trauma diagnosis, Year 3 = two to three years after the neck trauma diagnosis. *Significant mean and median differences between case and reference cohort for all time periods, p<0.0001

Table S2:A Number of consultations by stratified cases (n=1443) by pre-injury consultation. Mean (95% C.I)

Months from trauma	All care			Physician			Physiotherapist		
	Low- frequent	Frequent	High-Frequent	Low- frequent	Frequent	High-Frequent	Low- frequent	Frequent	High-Frequent
	Mean (95% CI)								
-36	0.71 (0.55-0.86)	1.54 (1.29-1.79)	3.93 (3.47-4.39)	0.42 (0.32-0.52)	0.80 (0.69-0.90)	1.86 (1.66-2.06)	0.07 (-0.01-0.15)	0.41 (0.18-0.64)	0.97 (0.66-1.28)
-33	0.68 (0.52-0.84)	1.65 (1.39-1.91)	4.12 (3.62-4.63)	0.40 (0.31-0.50)	0.83 (0.71-0.94)	2.04 (1.79-2.28)	0.08 (0.01-0.16)	0.47 (0.23-0.72)	0.99 (0.62-1.36)
-30	0.58 (0.44-0.71)	1.59 (1.36-1.81)	4.43 (3.90-4.97)	0.37 (0.29-0.44)	0.81 (0.70-0.92)	2.13 (1.87-2.40)	0.09 (-0.03-0.20)	0.28 (0.13-0.44)	0.92 (0.63-1.20)
-27	0.48 (0.37-0.59)	1.39 (1.21-1.57)	4.69 (4.17-5.21)	0.32 (0.24-0.40)	0.80 (0.69-0.91)	2.22 (1.98-2.46)	0.09 (-0.02-0.19)	0.19 (0.08-0.30)	1.09 (0.76-1.43)
-24	0.10 (0.07-0.13)	1.15 (1.04-1.26)	5.75 (5.18-6.33)	0.07 (0.04-0.09)	0.72 (0.64-0.81)	2.52 (2.28-2.76)	0.01 (-0.01-0.02)	0.10 (0.05-0.15)	1.59 (1.16-2.01)
-21	0.09 (0.06-0.12)	1.09 (0.99-1.19)	6.00 (5.45-6.56)	0.07 (0.04-0.10)	0.73 (0.65-0.81)	2.75 (2.46-3.03)	0.00 (0.00-0.00)	0.06 (0.02-0.10)	1.60 (1.22-1.98)
-18	0.09 (0.06-0.12)	0.97 (0.88-1.07)	5.61 (5.10-6.13)	0.06 (0.04-0.09)	0.66 (0.59-0.73)	2.64 (2.39-2.90)	0.00 (0.00-0.00)	0.06 (0.02-0.10)	1.67 (1.24-2.09)
-15	0.10 (0.07-0.13)	1.02 (0.92-1.12)	5.33 (4.85-5.82)	0.07 (0.05-0.10)	0.65 (0.57-0.72)	2.48 (2.25-2.71)	0.00 (0.00-0.00)	0.09 (0.03-0.14)	1.33 (0.97-1.69)
-12	0.60 (0.45-0.74)	1.38 (1.21-1.55)	5.04 (4.41-5.66)	0.32 (0.24-0.40)	0.91 (0.79-1.03)	2.19 (1.96-2.42)	0.06 (0.01-0.11)	0.08 (0.03-0.13)	1.36 (0.90-1.81)
-9	0.70 (0.56-0.84)	1.52 (1.29-1.75)	5.07 (4.37-5.77)	0.41 (0.33-0.49)	0.87 (0.76-0.98)	2.19 (1.96-2.42)	0.12 (0.02-0.23)	0.32 (0.09-0.55)	1.42 (0.97-1.86)
-6	0.60 (0.46-0.75)	1.44 (1.19-1.68)	4.43 (3.83-5.03)	0.40 (0.29-0.50)	0.81 (0.69-0.93)	2.01 (1.78-2.23)	0.08 (-0.01-0.16)	0.34 (0.11-0.58)	1.21 (0.80-1.62)
-3	0.73 (0.56-0.90)	1.61 (1.39-1.84)	4.23 (3.73-4.73)	0.47 (0.35-0.59)	0.89 (0.77-1.01)	1.93 (1.72-2.15)	0.15 (0.02-0.27)	0.25 (0.10-0.41)	1.03 (0.68-1.38)
+3	2.44 (1.92-2.97)	3.48 (3.09-3.87)	7.68 (6.88-8.48)	0.92 (0.73-1.11)	1.46 (1.30-1.62)	3.05 (2.77-3.33)	1.92 (1.39-2.45)	2.01 (1.60-2.42)	3.52 (2.94-4.11)
+6	1.73 (1.31-2.14)	2.42 (2.09-2.75)	6.37 (5.63-7.12)	0.68 (0.53-0.83)	1.03 (0.91-1.16)	2.57 (2.31-2.83)	1.15 (0.69-1.60)	1.09 (0.74-1.44)	2.60 (2.01-3.18)
+9	1.53 (1.14-1.91)	2.21 (1.89-2.53)	5.77 (5.07-6.46)	0.64 (0.50-0.77)	0.99 (0.87-1.11)	2.53 (2.24-2.82)	0.96 (0.46-1.47)	0.95 (0.59-1.31)	1.83 (1.36-2.29)
+12	1.39 (1.02-1.75)	2.48 (2.14-2.81)	5.57 (4.93-6.21)	0.57 (0.45-0.69)	1.06 (0.93-1.19)	2.57 (2.28-2.87)	0.75 (0.28-1.21)	1.02 (0.69-1.35)	1.79 (1.31-2.27)
+15	1.39 (1.05-1.72)	2.43 (2.07-2.79)	5.39 (4.75-6.04)	0.67 (0.52-0.82)	1.04 (0.90-1.18)	2.42 (2.14-2.70)	0.69 (0.27-1.12)	0.91 (0.57-1.26)	1.58 (1.15-2.00)
+18	1.52 (1.14-1.91)	2.18 (1.89-2.47)	5.44 (4.78-6.09)	0.66 (0.52-0.80)	1.09 (0.93-1.25)	2.45 (2.14-2.76)	0.86 (0.39-1.33)	0.65 (0.42-0.88)	1.56 (1.12-2.00)
+21	1.52 (1.14-1.90)	2.23 (1.94-2.52)	5.22 (4.57-5.87)	0.65 (0.52-0.79)	1.08 (0.95-1.22)	2.27 (2.00-2.54)	0.77 (0.27-1.27)	0.68 (0.41-0.95)	1.48 (1.05-1.90)
+24	1.61 (1.20-2.03)	2.22 (1.90-2.53)	4.73 (4.17-5.29)	0.72 (0.55-0.90)	1.01 (0.87-1.14)	2.31 (2.04-2.58)	0.92 (0.36-1.49)	0.69 (0.40-0.97)	1.09 (0.78-1.39)
+27	1.43 (1.06-1.80)	2.50 (2.15-2.85)	5.14 (4.52-5.75)	0.61 (0.49-0.73)	1.15 (0.99-1.30)	2.28 (2.01-2.56)	0.83 (0.27-1.40)	0.68 (0.37-0.99)	1.22 (0.91-1.54)
+30	1.59 (1.22-1.95)	2.51 (2.19-2.83)	4.90 (4.31-5.48)	0.70 (0.57-0.83)	1.16 (1.02-1.30)	2.26 (1.99-2.53)	0.66 (0.29-1.03)	0.60 (0.34-0.85)	1.31 (0.94-1.69)
+33	1.66 (1.28-2.04)	2.38 (2.02-2.74)	4.37 (3.83-4.90)	0.68 (0.53-0.84)	1.06 (0.92-1.21)	2.10 (1.83-2.38)	0.73 (0.35-1.11)	0.54 (0.29-0.80)	1.22 (0.84-1.60)
+36	1.69 (1.37-2.01)	2.63 (2.24-3.02)	4.33 (3.82-4.85)	0.80 (0.65-0.94)	1.14 (0.98-1.31)	2.04 (1.81-2.27)	0.64 (0.36-0.92)	0.68 (0.38-0.97)	0.87 (0.60-1.15)

Table S2:B Number of consultations by stratified cases (n=1443) by pre-injury consultations. Median (Q1;Q3)

Months from trauma	All care			Physician			Physiotherapist		
	Low- frequent	Frequent	High-Frequent	Low- frequent	Frequent	High-Frequent	Low- frequent	Frequent	High-Frequent
	Median (Q1;Q3)								
-36	0.0 (0;1)	0.0 (0;2)	2.0 (0;5)	0 (0;2)	0 (0;1)	1(0;3)	0 (0;0)	0 (0;0)	0 (0;0)
-33	0.0 (0;1)	1.0 (0;2)	2.0 (1;5)	0 (0;2)	0 (0;1)	1(0;3)	0 (0;0)	0 (0;0)	0 (0;0)
-30	0.0 (0;1)	1.0 (0;2)	3.0 (1;6)	0 (1;2)	0 (0;1)	1 (0;3)	0 (0;0)	0 (0;0)	0 (0;0)
-27	0.0 (0;1)	1.0 (0;2)	3.0 (1;6)	0 (0;2)	0 (0;1)	1 (0;3)	0 (0;0)	0 (0;0)	0 (0;0)
-24	0.0 (0;0)	1.0 (0;2)	4.0 (2;8)	0 (0;1)	0 (0;1)	2 (1;4)	0 (0;0)	0 (0;0)	0 (0;0)
-21	0.0 (0;0)	1.0 (0;2)	4.0 (2;8)	0 (0;1)	0 (0;1)	2 (1;4)	0 (0;0)	0 (0;0)	0 (0;1)
-18	0.0 (0;0)	1.0 (0;2)	4.0 (2;7)	0 (0;1)	0 (0;1)	2 (1;4)	0 (0;0)	0 (0;0)	0 (0;1)
-15	0.0 (0;0)	1.0 (0;2)	4.0 (2;7)	0 (0;1)	0 (0;1)	2 (1;4)	0 (0;0)	0 (0;0)	0 (0;0)
-12	0.0 (0;1)	1.0 (0;2)	3.0 (1;6)	0 (0;2)	0 (0;1)	1 (0;3)	0 (0;0)	0 (0;0)	0 (0;0)
-9	0.0 (0;1)	1.0 (0;2)	3.0 (1;7)	0 (1;2)	0 (0;1)	1 (1;3)	0 (0;0)	0 (0;0)	0 (0;0)
-6	0.0 (0;1)	0.0 (0;2)	2.0 (1;6)	0 (0;2)	0 (0;1)	1 (0;3)	0 (0;0)	0 (0;0)	0 (0;0)
-3	0.0 (0;1)	1.0 (0;2)	2.0 (1;5)	0 (0;3)	0 (0;1)	1 (0;3)	0 (0;1)	0 (0;0)	0 (0;0)
+3	0.0 (0;2)	2.0 (0;5)	5.0 (2;11)	0 (1;4)	1 (0;2)	2 (1;5)	0 (2;11)	0 (2;10)	0 (0;5)
+6	0.0 (0;2)	1.0 (0;3)	4.0 (1;8)	0 (1;4)	0 (0;2)	2 (0;4)	0 (0;8)	0 (0;7)	0 (0;2)
+9	0.0 (0;1)	1.0 (0;3)	3.0 (1;8)	0 (1;4)	0 (0;2)	1 (0;3)	0 (0;8)	0 (0;5)	0 (0;1)
+12	0.0 (0;1)	1.0 (0;3)	3.0 (1;7)	0 (1;3)	0 (0;2)	2 (0;3)	0 (0;4)	0 (0;7)	0 (0;0)
+15	0.0 (0;1)	1.0 (0;3)	3.0 (1;7)	0 (1;3)	0 (0;1)	1 (0;4)	0 (0;3)	0 (0;6)	0 (0;0)
+18	0.0 (0;1)	1.0 (0;3)	3.0 (1;7)	0 (1;3)	0 (0;1)	1 (0;3)	0 (0;5)	0 (0;5)	0 (0;0)
+21	0.0 (0;2)	1.0 (0;3)	3.0 (1;7)	0 (1;3)	0 (0;2)	1 (0;3)	0 (0;4)	0 (0;4)	0 (0;0)
+24	0.0 (0;2)	1.0 (0;3)	3.0 (1;6)	0 (1;3)	0 (0;1)	1 (0;3)	0 (0;5)	0 (0;5)	0 (0;0)
+27	0.0 (0;1)	1.0 (0;3)	2.5 (1;7)	0 (1;3)	0 (0;2)	1 (0;3)	0 (0;4)	0 (0;5)	0 (0;0)
+30	0.0 (0;2)	1.0 (0;3)	3.0 (1;6)	0 (1;3)	1 (0;2)	1 (0;3)	0 (0;4)	0 (0;4)	0 (0;0)
+33	0.0 (0;2)	1.0 (0;3)	2.0 (1;6)	0 (1;3)	0 (0;2)	1 (0;3)	0 (0;4)	0 (0;3)	0 (0;0)
+36	0.0 (0;2)	1.0 (0;3)	2.0 (1;6)	0 (1;4)	0 (0;2)	1 (0;3)	0 (0;5)	0 (0;4)	0 (0;0)