

Table 1. Characteristics of the study sample
(2,509 patients from 31 clinics).

Level	Variable	n mean	[%] (sd)
Clinic	Survey		
	Scale A	2.05	(0.72)
	Scale B	2.48	(0.67)
	Scale C	2.57	(0.72)
	Scale D	2.28	(0.73)
	Scale E	2.84	(0.66)
	Scale F	1.87	(0.65)
	Scale G	2.17	(0.91)
	Scale H	2.12	(0.73)
	Clinic type		
	BHIP	460	[18.3]
	MHIP	2,049	[81.7]
	Same psych		
	<1 year	652	[26.0]
	>1 year	1,857	[74.0]
	Inperson psych		
none	165	[6.6]	
one ore more	2,344	[93.4]	
Psych training			
none	84	[3.4]	
one or more	2,425	[96.6]	
Patient	Age (years)	40.88	(15.05)
	Gender		
	men	487	[33.4]
	women	973	[66.6]
	Ethnicity		
	hispanic or latino	242	[21.8]
	not hispanic or latino	866	[78.2]
	50% or more change in PHQ-9		
	<50%	1432	[57.1]
	≥50%	1077	[42.9]
Last PHQ-9 less than 10			
≥10	945	[37.7]	
0-9	1564	[62.3]	
Last PHQ-9 less than 5			
≥5	1694	[67.5]	
0-4	815	[32.5]	

sd = standard deviation. Missing data: age (67), gender (1,049), ethnicity (1,401).

Table 2. Association between "50% or more change in PHQ-9" and different variables at the clinical and individual level (2,509 patients from 31 clinics).

Level	Variable	Unadjusted			Model 1 Wald X2(14) = 87; p<0.001			Model 2 Wald X2(11) = 37; p<0.001			Model 3 Wald X2(17) = 135; p<0.001			
		OR	95% CI	p value	OR	95% CI	p value	OR	95% CI	p value	OR	95% CI	p value	
Clinic	Survey													
	Scale A	1.20	(0.77-1.85)	0.419	1.25	(0.78-1.99)	0.357	1.18	(0.77-1.83)	0.470	1.17	(0.72-1.90)	0.523	
	Scale B	1.32	(1.00-1.72)	0.046	1.33	(0.99-1.68)	0.057	1.31	(1.00-1.71)	0.049	1.40	(0.99-1.78)	0.059	
	Scale C	1.01	(0.72-1.42)	0.963	0.95	(0.69-1.31)	0.760	1.02	(0.73-1.44)	0.889	1.01	(0.72-1.42)	0.949	
	Scale D	1.04	(0.70-1.53)	0.849	1.07	(0.67-1.69)	0.779	1.00	(0.67-1.50)	0.992	1.03	(0.65-1.63)	0.914	
	Scale E	1.17	(0.95-1.45)	0.141	1.14	(0.86-1.52)	0.367	1.19	(0.95-1.48)	0.132	1.15	(0.86-1.55)	0.351	
	Scale F	1.09	(0.85-1.41)	0.497	1.18	(0.87-1.61)	0.293	1.11	(0.85-1.46)	0.438	1.19	(0.86-1.65)	0.286	
	Scale G	0.91	(0.72-1.14)	0.420	0.94	(0.68-1.31)	0.728	0.99	(0.78-1.25)	0.933	1.01	(0.74-1.39)	0.944	
	Scale H	0.87	(0.66-1.14)	0.297	0.83	(0.61-1.14)	0.248	0.90	(0.67-1.21)	0.471	0.88	(0.63-1.21)	0.419	
	Clinic type													
	BHIP		reference			reference						reference		
	MHIP	0.82	(0.49-1.37)	0.450	0.82	(0.51-1.32)	0.410				0.93	(0.57-1.52)	0.773	
	Same psych													
	<1 year		reference			reference						reference		
	>1 year	1.12	(0.72-1.76)	0.608	0.90	(0.56-1.43)	0.645				0.92	(0.58-1.49)	0.746	
	Inperson psych													
	none		reference			reference						reference		
	one ore more	0.85	(1.057-1.26)	0.423	0.77	(0.33-1.81)	0.550				0.77	(0.30-1.98)	0.591	
	Psych training													
	none		reference			reference						reference		
one ore more	2.05	(1.64-2.56)	<0.001	1.27	(0.52-3.14)	0.600				1.31	(0.53-3.24)	0.562		
Patient	Age (years)	1.00	(0.99-1.00)	0.405				1.00	(0.99-1.00)	0.475	1.00	(0.99-1.01)	0.682	
	Gender													
	men		reference			reference			reference			reference		
	women	1.34	(1.15-1.56)	<0.001				1.33	(1.13-1.57)	0.001	1.50	(1.28-1.76)	<0.001	
	Ethnicity													
hispanic or latino		reference			reference			reference			reference			
not hispanic or latino	0.95	(0.73-1.23)	0.681				0.92	(0.73-1.16)	0.506	0.94	(0.75-1.19)	0.598		

Model 1 was adjusted for clinic-level variables, Model 2 was adjusted for patient-level variables, and Model 3 for both clinic and patient-level variables. Missing data on age, gender and ethnicity were imputed.

Table 3. Association between "last PHQ-9 less than 10" and different variables at the clinical and individual level (2,509 patients from 31 clinics).

Level	Variable	Unadjusted			Model 1 Wald X2(14) = 106; p<0.001			Model 2 Wald X2(11) = 25; p<0.01			Model 3 Wald X2(17) = 135; p<0.001		
		OR	95% CI	p value	OR	95% CI	p value	OR	95% CI	p value	OR	95% CI	p value
Clinic	Survey												
	Scale A	1.18	(0.78-1.80)	0.427	1.30	(0.79-2.14)	0.303	1.17	(0.76-1.80)	0.474	1.25	(0.75-2.08)	0.402
	Scale B	1.34	(1.08-1.67)	0.009	1.20	(0.99-1.44)	0.057	1.34	(1.08-1.66)	0.008	1.20	(0.99-1.46)	0.062
	Scale C	1.15	(0.78-1.67)	0.482	0.98	(0.74-1.31)	0.914	1.17	(0.80-1.71)	0.408	1.04	(0.77-1.39)	0.816
	Scale D	0.94	(0.55-1.60)	0.823	1.03	(0.69-1.52)	0.900	0.91	(0.53-1.56)	0.739	1.00	(0.67-1.49)	0.993
	Scale E	1.24	(0.99-1.55)	0.063	1.10	(0.86-1.41)	0.456	1.24	(0.99-1.56)	0.066	1.09	(0.84-1.43)	0.502
	Scale F	1.08	(0.77-1.52)	0.664	1.19	(0.85-1.66)	0.300	1.10	(0.78-1.55)	0.579	1.21	(0.86-1.70)	0.269
	Scale G	0.99	(0.77-1.26)	0.914	1.09	(0.87-1.37)	0.451	1.05	(0.81-1.36)	0.725	1.14	(0.90-1.44)	0.269
	Scale H	0.76	(0.57-1.01)	0.057	0.70	(0.50-0.98)	0.038	0.77	(0.57-1.05)	0.101	0.72	(0.51-1.01)	0.056
	Clinic type												
	BHIP		reference			reference						reference	
	MHIP	0.66	(0.40-1.11)	0.119	0.57	(0.33-0.99)	0.047				0.57	(0.31-0.97)	0.043
	Same psych												
	<1 year		reference			reference						reference	
	>1 year	1.14	(0.72-1.80)	0.585	0.99	(0.64-1.52)	0.955				1.01	(0.65-1.58)	0.949
	Inperson psych												
	none		reference			reference						reference	
	one or more	0.65	(0.47-0.92)	0.014	0.48	(0.22-1.01)	0.054				0.47	(0.20-1.09)	0.078
Psych training													
none		reference			reference						reference		
onr or more	2.83	(2.06-3.89)	<0.001	1.71	(0.72-4.02)	0.221				1.74	(0.73-4.15)	0.212	
Patient	Age (years)	1.00	(0.99-1.01)	0.839				1.00	(0.99-1.01)	0.758	1.00	(0.99-1.01)	0.426
	Gender												
	men		reference			reference			reference			reference	
	women	1.15	(0.91-1.45)	0.241				1.15	(0.91-1.46)	0.252	1.15	(0.91-1.46)	0.269
	Ethnicity												
hispanic or latino		reference			reference			reference			reference		
not hispanic or latino	1.02	(0.82-1.27)	0.875				0.97	(0.81-1.17)	0.783	0.94	(0.80-1.13)	0.211	

Model 1 was adjusted for clinic-level variables, Model 2 was adjusted for patient-level variables, and Model 3 for both clinic and patient-level variables. Missing data on age, gender and ethnicity were imputed.

Table 4. Association between "last PHQ-9 less than 5" and different variables at the clinical and individual level (2,509 patients from 31 clinics).

Level	Variable	Unadjusted			Model 1 Wald X2(14) = 51; p<0.001			Model 2 Wald X2(11) = 44; p<0.001			Model 3 Wald X2(17) = 93; p<0.001		
		OR	95% CI	p value	OR	95% CI	p value	OR	95% CI	p value	OR	95% CI	p value
Clinic	Survey												
	Scale A	0.99	(0.65-1.50)	0.954	0.93	(0.53-1.63)	0.798	0.99	(0.65-1.50)	0.955	0.93	(0.52-1.64)	0.800
	Scale B	1.25	(1.02-1.53)	0.029	1.20	(1.03-1.45)	0.036	1.25	(1.03-1.52)	0.026	1.20	(1.01-1.44)	0.046
	Scale C	1.06	(0.83-1.37)	0.628	1.10	(0.81-1.49)	0.532	1.07	(0.84-1.38)	0.573	1.11	(0.82-1.50)	0.493
	Scale D	1.16	(0.76-1.78)	0.489	1.16	(0.77-1.74)	0.484	1.15	(0.75-1.77)	0.508	1.15	(0.77-1.73)	0.492
	Scale E	1.14	(0.94-1.39)	0.194	1.10	(0.88-1.36)	0.401	1.14	(0.93-1.39)	0.205	1.09	(0.88-1.36)	0.421
	Scale F	1.17	(0.84-1.61)	0.349	1.14	(0.82-1.58)	0.422	1.17	(0.85-1.62)	0.335	1.15	(0.83-1.59)	0.405
	Scale G	1.05	(0.80-1.38)	0.716	1.13	(0.90-1.42)	0.291	1.06	(0.80-1.40)	0.704	1.13	(0.90-1.43)	0.299
	Scale H	0.76	(0.52-1.10)	0.141	0.77	(0.52-1.13)	0.182	0.76	(0.52-1.10)	0.149	0.76	(0.51-1.14)	0.185
	Clinic type												
	BHIP		reference			reference						reference	
	MHIP	0.82	(0.52-1.30)	0.401	0.94	(0.51-1.73)	0.839				0.94	(0.50-1.76)	0.847
	Same psych												
	<1 year		reference			reference						reference	
	>1 year	1.23	(0.85-1.79)	0.271	1.22	(0.79-1.86)	0.369				1.21	(0.80-1.85)	0.366
	Inperson psych												
none		reference			reference						reference		
one or more	1.00	(0.76-1.32)	0.991	0.86	(0.46-1.60)	0.634				0.85	(0.46-1.60)	0.621	
Psych training													
none		reference			reference						reference		
one or more	1.75	(1.08-2.84)	0.024	1.71	(0.66-4.43)	0.267				1.71	(0.66-4.41)	0.266	
Patient	Age (years)	1.00	(0.99-1.01)	0.826				1.00	(0.99-1.01)	0.725	1.00	(1.00-1.01)	0.430
	Gender												
	men		reference			reference			reference		reference		
	women	0.96	(0.81-1.14)	0.656				0.96	(0.81-1.51)	0.685	1.03	(0.87-1.21)	0.766
	Ethnicity												
hispanic or latino		reference			reference			reference		reference			
not hispanic or latino	0.89	(0.76-1.04)	0.134				0.82	(0.70-0.97)	0.019	0.85	(0.67-0.97)	0.025	

Model 1 was adjusted for clinic-level variables, Model 2 was adjusted for patient-level variables, and Model 3 for both clinic and patient-level variables. Missing data on age, gender and ethnicity were imputed.