

Supplemental Material S1. Characteristics of the study 740 participants and summary statistics for successful and unsuccessful treatment groups. Quantitative variables have been analyzed using a two-sample *t* test, while categorical data have been analyzed with Chi-Square or Fisher's Exact (denoted by an asterisk [*]). A threshold of .05 has been used.

Characteristic	<i>n</i>	<i>M (SD)</i> for Group 1: TFI < 13 <i>n</i> ₁ = 78	<i>M (SD)</i> for Group 2: TFI ≥ 13 <i>n</i> ₂ = 150	<i>t</i> test/crude odds ratio (95% CI)	<i>p</i> -value
Demographic characteristics					
Age (in years)	Overall <i>M</i> : 55.14 (12.92)				
		54.60 (13.30)	55.41 (12.70)	<i>t</i> (149.97) = -0.44	.659
Gender					
Male	130 (57%)	45	85	Ref	
Female	98 (43%)	33	65	1.04 (0.60, 1.81)	.882
Highest level of education					
High school or below	59 (26%)	24 (30.77%)	35 (23.33%)	Ref	
College	47 (21%)	22 (28.20%)	25 (16.67%)	0.72 (0.36, 1.68)	.559*
Vocational training	31 (13%)	9 (11.54%)	22 (14.37%)	1.47 (0.65, 4.09)	.359*
Bachelor's degree	61 (26%)	20 (25.64%)	41 (27.33%)	1.30 (0.67, 2.92)	.449*
Master's degree or above	30 (13%)	3 (3.85%)	27 (18.00%)	4.50 (1.59, 18.47)	.003*
Employment					
Manager	27 (12%)	9 (11.54%)	18 (12.00%)	Ref	
Professional	46 (20%)	18 (23.08%)	28 (18.67%)	0.70 (0.30, 2.10)	.802*
Technical	16 (6%)	6 (7.70%)	7 (4.67%)	0.47 (0.16, 2.20)	.498*
Administrative	17 (7%)	6 (7.70%)	11 (7.33%)	0.74 (0.26, 3.14)	1.000*
Skilled tradesman	11 (5%)	3 (3.85%)	8 (5.33%)	0.95 (0.29, 5.43)	1.000*
Service occupation	11 (5%)	3 (3.85%)	8 (5.33%)	0.95 (0.29, 5.43)	1.000*
Medical	6 (3%)	1 (1.28%)	5 (3.33%)	1.18 (0.26, 13.47)	.640*
Sales	8 (3%)	4 (5.13%)	4 (2.67%)	0.38 (0.11, 2.35)	.433*
Homemaker	4 (2%)	2 (2.56%)	2 (1.33%)	0.32 (0.08, 3.50)	.601*
Student	1 (0%)	0 (0.00%)	1 (0.67%)	0.47 (0.06, 41.55)	1.000*
Retired	73 (32%)	23 (29.50%)	50 (33.33%)	0.99 (0.44, 2.78)	1.000*
Unemployed	11 (5%)	3 (3.85%)	8 (5.33%)	0.95 (0.29, 5.43)	1.000*
Loud noise exposure					
No	125 (55%)	38 (48.72%)	87 (58.00%)	Ref	
Yes	103 (45%)	40 (51.28%)	63 (42.00%)	0.69 (0.40, 1.19)	.182
Diagnosed with a psychological condition					
No	178 (78%)	65 (83.33%)	113 (75.33%)	Ref	
Yes	50 (22%)	13 (16.67%)	37 (24.67%)	1.64 (0.81, 3.30)	.166

Working less due to tinnitus					
No	181 (79%)	62 (79.49%)	119 (79.33%)	Ref	
Reduced hours	8 (4%)	1 (1.28%)	7 (4.67%)	1.81 (0.44, 15.50)	.273
Stopped work	32 (14%)	11 (14.1%)	21 (14.00%)	0.90 (0.45, 2.13)	1.000
Disability allowance	7 (3%)	4 (5.13%)	3 (2.00%)	0.31 (0.10, 1.70)	.243
How often tinnitus is heard					
Occasionally	4 (2%)	1 (1.28%)	3 (2.00%)	Ref	
When taking out my hearing aid(s)	3 (1%)	1 (1.28%)	2(1.33%)	0.25 (0.044, 11.57)	1.000
At night	4 (2%)	3 (3.85%)	1 (0.67%)	0.06 (0.01, 2.75)	.486
Most of the time	63 (27%)	27 (34.62%)	36 (24%)	0.32 (0.08, 4.10)	.634
All the time	154 (68%)	46 (58.97%)	108 (72%)	0.57 (0.14, 6.99)	1.000
Tinnitus location					
One ear	61 (27%)	23 (29.49%)	38 (25.33%)	Ref	
Both ears	109 (48%)	37 (47.44%)	72 (48%)	1.12 (0.62, 2.25)	.620
In my head	34 (15%)	11 (14.10%)	23 (15.33%)	1.13 (0.52, 2.98)	.660
Other location	3 (1%)	1 (1.28%)	2 (1.33%)	0.59 (0.13, 8.21)	1.000
Unsure	21 (9%)	6 (7.69%)	15 (10%)	1.26 (0.51, 4.16)	.598
Type of tinnitus sound					
Ringling					
No	157 (69%)	56 (71.79%)	101 (67.33%)	Ref	
Yes	71 (31%)	22 (28.21%)	49 (32.67%)	1.23 (0.69, 2.25)	.490*
Buzzing					
No	153 (67%)	56 (71.79%)	97 (64.67%)	Ref	
Yes	75 (33%)	22 (28.21%)	53 (35.33%)	1.39 (0.77, 2.52)	.277*
High pitched sound					
No	98 (43%)	30 (38.46%)	68 (45.33%)	Ref	
Yes	130 (57%)	48 (61.53%)	82 (54.67%)	0.75 (0.43, 1.32)	.320*
Low pitched sound					
No	212 (93%)	71 (91.03%)	141 (94%)	Ref	
Yes	16 (7%)	7 (8.97%)	9 (6%)	0.65 (0.23, 1.81)	.404*
Pulsating					
No	200 (88%)	66 (84.62%)	134 (89.33%)	Ref	
Yes	28 (12%)	12 (15.38%)	16 (10.67%)	0.66 (0.29,1.47)	.303*
Clicking					
No	214 (94%)	70 (89.74%)	144 (96%)	Ref	
Yes	14 (6%)	8 (10.26%)	6 (4%)	0.36 (0.12, 1.09)	.062*
Music					
No	224 (98%)	77 (98.72%)	147 (98%)	Ref	
Yes	4 (2%)	1 (1.28%)	3 (2%)	0.78 (0.18, 8.47)	1.000

Voices					
No	225 (99%)	75 (96.15%)	150 (100%)	Ref	
Yes	3 (1%)	3 (3.85%)	0 (0.00%)	0.00 (0.00, 1.41)	.039*
Humming					
No	207 (91%)	69 (88.46%)	138 (92%)	Ref	
Yes	21 (9%)	9 (11.54%)	12 (8%)	0.67 (0.27, 1.66)	.469
Multiple tinnitus sounds heard					
No	155 (68%)	51 (65.38%)	104 (69.33%)	Ref	
Yes	73 (32%)	27 (34.62%)	46 (30.67%)	0.84 (0.47, 1.49)	.544*
Presence of a hearing loss					
No	49 (21%)	16 (20.51%)	33 (22%)	Ref	
Both ears	104 (46%)	36 (46.15%)	68 (45.33%)	0.92 (0.44, 1.88)	.811*
One ear	46 (20%)	16 (20.51%)	30 (20%)	0.91 (0.39, 2.13)	.826*
Unsure	29 (13%)	10 (12.82%)	19 (12.67%)	0.92 (0.35, 2.43)	.868*
Treatment-related characteristics					
Past tinnitus treatment sought					
No	170 (75%)	57 (73.08%)	113 (75.33%)	Ref	
Yes	58 (25%)	21 (26.92%)	37 (24.67%)	0.89 (0.48, 1.66)	.710*
Tinnitus maskability (using other sounds to mask tinnitus)					
Fully	26 (11%)	15 (19.23%)	11 (7.33%)	Ref	
Partially	178 (78%)	56 (71.79%)	122 (81.33%)	2.97 (1.28, 6.88)	.009*
Not at all	24 (10%)	7 (8.97%)	17 (11.33%)	3.31 (1.02, 10.72)	.042*
Hearing aid use					
No	159 (70%)	53 (67.95%)	106 (70.67%)	Ref	
Unilateral	19 (8%)	3 (3.85%)	16 (10.67%)	1.98 (0.71, 7.86)	.190
Bilateral	50 (22%)	22 (28.20%)	28 (18.67%)	0.60 (0.33, 1.21)	.180
Medication use					
No	98 (43%)	36 (46.15%)	62 (41.33%)	Ref	
Yes	130 (57%)	42 (53.85%)	88 (58.67%)	1.22 (0.70, 2.11)	.572*
Tinnitus and hearing-related characteristics					
Baseline tinnitus severity (PRE-TFI, measured using Tinnitus Functional Index)	Overall <i>M</i> : 57.93 (19.17)				
	53.27 (20.87)	60.35 (17.79)	$t(136.06) = -2.52$.012	
Tinnitus duration (in years)	Overall <i>M</i> : 17.68 (19.42)				
	18.00 (19.62)	17.52 (19.36)	$t(154.81) = 0.18$.861	