

Additional file 1 - Overview of Demographic and Episodic Disability Questionnaire (EDQ) Differences

This table summarizes the p-values for tests of differences across cities and between those with and without T2 EDQ completion.

Characteristic / Variable	Across City	Statistical Test (City)	Completed T2	Statistical Test (T2)
	P value		P value	
Age	<0.001	Kruskal Wallis	0.22	Wilcoxon Rank Sum
Gender	<0.001	MC sim	0.63	Fisher Exact
Sex	<0.001	MC sim	0.28	Fisher Exact
Relationship status	<0.001	MC sim	0.31	Fisher Exact
Have children	0.008	Chi Sq	0.78	Chi Sq
Live alone	<0.001	Chi Sq	0.14	Chi Sq
Source of Income	<0.001	MC sim	0.58	Fisher Exact
Employment status	<0.001	MC sim	0.51	Fisher Exact
Highest level of education	0.093	MC sim	0.77	Fisher Exact
Race White	0.065	Chi Sq	0.051	Chi Sq
Year of HIV diagnosis	<0.001	Kruskal Wallis	0.45	Wilcoxon Rank Sum
In HIV care	<0.001	Fisher Exact	1	Fisher Exact
Antiretroviral use	0.16	Fisher Exact	0.49	Fisher Exact
Undetectable viral load	0.008	Fisher Exact	0.092	Fisher Exact
Concurrent health condition –addiction or substance use disorder	<0.001	Chi Sq	0.86	Chi Sq
Concurrent health condition – chronic joint pain	<0.001	MC sim	0.089	Chi Sq
Concurrent health condition – chronic neuropathic pain	<0.001	MC sim	0.38	Chi Sq
Concurrent health condition – chronic soft tissue pain	<0.001	Chi Sq	0.62	Chi Sq
Concurrent health condition – cognitive decline	<0.001	Fisher Exact	0.89	Chi Sq
Concurrent health condition – gastrointestinal conditions	0.089	Chi Sq	0.13	Chi Sq
Concurrent health condition – high blood pressure	0.006	Chi Sq	0.077	Chi Sq
Concurrent health condition – high cholesterol	0.49	Chi Sq	0.037	Chi Sq

Additional file 1 - Overview of demographic and EDQ score differences across cities and between those with and without T2 EDQ completion

Characteristic / Variable	Across Sites P value	Statistical Test (Site)	Completed T2 P value	Statistical Test (T2)
Concurrent health condition – mental health condition (anxiety, depression)	<0.001	Chi Sq	0.58	Chi Sq
Concurrent health condition – trouble sleeping (insomnia)	<0.001	Chi Sq	1	Chi Sq
Smoking history	0.002	MC sim	0.52	Fisher Exact
General health status	0.025	MC sim	0.3	Fisher Exact
Health status compared to one year ago	0.012	MC sim	0.95	Fisher Exact
Aerobic exercise (>150 min moderate to vigorous in the past week)	0.29	MC sim	0.14	Fisher Exact
Strengthening exercise (at least 2 days in the past week)	0.18	MC sim	0.79	Fisher Exact
Exercise status	0.016	MC sim	0.14	Fisher Exact
Number of days exercised (30 min or more) in the past week	0.86	MC sim	0.4	Monte Carlo Sim

	Across Cities P value	Statistical Test (City)	Completed T2 P value	Statistical Test (T2)
Episodic Disability Questionnaire (EDQ)				
EDQ Severity Scale				
Physical	<0.001	Kruskal Wallis	0.25	Wilcoxon Rank Sum
Cognitive	<0.001	Kruskal Wallis	0.63	Wilcoxon Rank Sum
Mental-Emotional	<0.001	Kruskal Wallis	0.54	Wilcoxon Rank Sum
Uncertainty	<0.001	Kruskal Wallis	0.22	Wilcoxon Rank Sum
Day-to-Day Activities	<0.001	Kruskal Wallis	0.12	Wilcoxon Rank Sum
Social	<0.001	Kruskal Wallis	0.61	Wilcoxon Rank Sum
EDQ Presence Scale				
Physical	<0.001	Kruskal Wallis	0.054	Wilcoxon Rank Sum
Cognitive	<0.001	Kruskal Wallis	0.99	Wilcoxon Rank Sum
Mental-Emotional	<0.001	Kruskal Wallis	0.61	Wilcoxon Rank Sum
Uncertainty	0.003	Kruskal Wallis	0.023	Wilcoxon Rank Sum
Day-to-Day Activities	<0.001	Kruskal Wallis	0.061	Wilcoxon Rank Sum
Social	<0.001	Kruskal Wallis	0.38	Wilcoxon Rank Sum
EDQ Episodic Scale				
Physical	<0.001	Kruskal Wallis	0.39	Wilcoxon Rank Sum
Cognitive	<0.001	Kruskal Wallis	0.57	Wilcoxon Rank Sum
Mental-Emotional	0.004	Kruskal Wallis	0.24	Wilcoxon Rank Sum
Uncertainty	0.008	Kruskal Wallis	0.39	Wilcoxon Rank Sum
Day-to-Day Activities	<0.001	Kruskal Wallis	0.25	Wilcoxon Rank Sum
Social	<0.001	Kruskal Wallis	0.8	Wilcoxon Rank Sum