

Supplementary Table 1. Model fit indices for 1- to 5-class models for each frequency/conversation subsample.^a**PANEL A. Model fit indices for one-time texter (single conversation), n=92,304**

<u>Number of</u> <u>Free</u> <u>Classes</u>	<u>Parameters</u>	<u>Log</u> <u>Likelihood</u>	<u>Information Criteria</u>			<u>LMR Likelihood Ratio</u> <u>Test</u>		<u>Entropy</u>	<u>Error</u> <u>Message</u>	<u>Smallest</u> <u>Class Size</u>	
			<u>AIC</u>	<u>BIC</u>	<u>aBIC</u>	<u>Statistic</u>	<u>p-value</u>			<u>N</u>	<u>%</u>
1	28	-528381	1056818	1057082	1056993	NA	NA	NA	No	92304	100
2	57	-511452	1023017	1023555	1023374	33756.830	0.0000	0.754	No	20651	22.4
3	86	-508313	1016798	1017609	1017336	6258.486	0.0000	0.758	No	8143	8.8
4	115	-506857	1013943	1015028	1014662	2904.154	0.0000	0.751	No	4658	5.0
5	144	-505466	1011220	1012578	1012121	2772.907	0.0000	0.628	No	2900	3.1

PANEL B. Model fit indices for two-time texter, first conversation, n=15,999

<u>Number of</u> <u>Free</u> <u>Classes</u>	<u>Parameters</u>	<u>Log</u> <u>Likelihood</u>	<u>Information Criteria</u>			<u>LMR Likelihood Ratio</u> <u>Test</u>		<u>Entropy</u>	<u>Error</u> <u>Message</u>	<u>Smallest</u> <u>Class Size</u>	
			<u>AIC</u>	<u>BIC</u>	<u>aBIC</u>	<u>Statistic</u>	<u>p-value</u>			<u>N</u>	<u>%</u>
1	28	-93019.358	186094.7	186309.8	186220.8	NA	NA	NA	No	15999	100
2	57	-89700.46	179514.9	179952.7	179771.6	6614.236	0.0000	0.781	No	3560	22.3
3	86	-89027.96	178227.9	178888.4	178615.1	1340.217	0.0000	0.776	No	1685	10.5
4	115	-88720.59	177671.2	178554.4	178188.9	612.569	0.0004	0.625	No	916	5.7
5	144	-88477.92	177243.8	178349.8	177892.2	483.615	0.0006	0.633	No	690	4.3

PANEL C. Model fit indices for two-time texter, second conversation, n=15,999

<u>Number of</u> <u>Free</u> <u>Classes</u>	<u>Parameters</u>	<u>Log</u> <u>Likelihood</u>	<u>Information Criteria</u>			<u>LMR Likelihood Ratio</u> <u>Test</u>		<u>Entropy</u>	<u>Error</u> <u>Message</u>	<u>Smallest</u> <u>Class Size</u>	
			<u>AIC</u>	<u>BIC</u>	<u>aBIC</u>	<u>Statistic</u>	<u>p-value</u>			<u>N</u>	<u>%</u>
1	28	-84081.98	168220	168435	168346	NA	NA	NA	No	15999	100

2	57	-81434.76	162983.5	163421.3	163240.2	5275.640	0.0000	0.732	No	3088	19.3
3	86	-80982.6	162137.2	162797.7	162524.4	901.107	0.0000	0.753	No	1189	7.4
4	115	-80718.91	161667.8	162551.1	162185.6	525.503	0.0000	0.617	No	464	2.9
5	144	-80532.43	161352.9	162458.8	162001.2	371.640	0.0000	0.621	No	418	2.6

PANEL D. Model fit indices for three+ time texter, first conversation, n=14,606

<u>Classes</u>	<u>Number of Free Parameters</u>	<u>Log Likelihood</u>	<u>Information Criteria</u>			<u>LMR Likelihood Ratio Test</u>		<u>Entropy</u>	<u>Error Message</u>	<u>Smallest Class Size</u>	
			<u>AIC</u>	<u>BIC</u>	<u>aBIC</u>	<u>Statistic</u>	<u>p-value</u>			<u>N</u>	<u>%</u>
1	28	-86887.53	173831.1	174043.6	173954.6	NA	NA	NA	No	14606	100
2	57	-83476.52	167067	167499.6	167318.5	6797.576	0.0000	0.829	No	3257	22.3
3	86	-82755.65	165683.3	166336	166062.7	1436.561	0.0000	0.816	No	1554	10.6
4	115	-82444.04	165118.1	165990.8	165625.4	621.002	0.0000	0.826	No	283	1.9
5	144	-82158.01	164604	165696.9	165239.2	570.010	0.0000	0.723	No	439	3.0

PANEL E. Model fit indices for three+ time texter, last conversation, n=14,606

<u>Classes</u>	<u>Number of Free Parameters</u>	<u>Log Likelihood</u>	<u>Information Criteria</u>			<u>LMR Likelihood Ratio Test</u>		<u>Entropy</u>	<u>Error Message</u>	<u>Smallest Class Size</u>	
			<u>AIC</u>	<u>BIC</u>	<u>aBIC</u>	<u>Statistic</u>	<u>p-value</u>			<u>N</u>	<u>%</u>
1	28	-73526.94	147109.9	147322.4	147233.4	NA	NA	NA	No	14606	100
2	57	-71334.19	142782.4	143215	143033.8	4369.783	0.0000	0.663	No	2931	20.1
3	86	-70911.97	141995.9	142648.6	142375.3	841.426	0.0384	0.732	No	1562	10.7
4	115	-70656	141542	142414.8	142049.3	510.098	0.0063	0.599	No	605	4.1
5	144	-70463.2	141214.4	142307.3	141849.6	384.207	0.0000	0.646	No	276	1.9

^aData were from n=153,514 messages to Crisis Text Line 2013-2017 (n=122,909 individuals). Chosen model shown in bold italics. AIC, Akaike information criterion; BIC, Bayesian information criterion; aBIC, adjusted Bayesian information criterion; LMR, Lo-Mendell-Rubin; NA, Not applicable