

*Supplementary Table 1: Demographic and mental health variables*

	<b>Frequency or Mean (SD)</b>	<b>Range</b>
Race	Caucasian/White - 111 Native American - 1 Asian American, Pacific Islander - 3 Black/African American - 68 Latina/Hispanic - 13 Multi-Racial - 23 Other - 4 N/A - 1	
Monthly Household Income (U.S. \$)	2764 (2350)	170-17000
Participant Age (years)	27.2 (4.2)	19-35
Gestational Age (weeks)	16.9 (1.8)	12-20
Overall Stress Week of Saliva Collection	3.5 (1.9)	0-7
Pregnancy Negative Life Events	-9.5 (11.1)	0-100
STAI - State	39.1 (13.8)	20-80
STAI - Trait	42.5 (13.0)	20-80
EPDS	10.5 (6.1)	0-26
PTSD	18.1 (17.3)	0-70

Supplementary Table 2: envfit results for covariate selection.

Variable	r <sup>2</sup>	Pr(>r)
Race	0.416	0.61
Household Income	0.729	0.844
Participant age	0.892	0.968
Gestational age	0.503	0.651
Positive life events <sup>1</sup>	0.481	0.651
Total IPV victimization <sup>2</sup>	0.315	0.533
Total IPV perpetration <sup>2</sup>	0.027	0.187
Number of cigarettes smoked in the two days prior to interview <sup>3</sup>	0.143	0.391
Average number of cigarettes smoked daily during pregnancy <sup>4</sup>	0.001	<b>0.022</b>
Number of alcoholic drinks in the two days prior to interview <sup>3</sup>	0.144	0.391
Average number of drinks per week during pregnancy <sup>4</sup>	0.381	0.599
Not enough sleep past two weeks <sup>5</sup>	0.569	0.695
Current dental problems (e.g., sores, bleeding gums, untreated cavities) <sup>3</sup>	0.004	<b>0.044</b>
Diabetes <sup>3</sup>	0.212	0.466
High blood pressure <sup>3</sup>	0.240	0.469
Anemia <sup>3</sup>	0.111	0.391
Prescription medication use <sup>3</sup>	0.256	0.469
Over-the-counter medication use <sup>3</sup>	0.924	0.968
Vitamin use <sup>3</sup>	0.977	0.977
Overall medical considerations <sup>7</sup>	0.119	0.391
Pregnancy wanted or unwanted	0.034	0.187
Relationship status (in one or not)	0.160	0.391

<sup>1</sup>Impact scores on positive events from the Life Experiences Survey (LES); <sup>2</sup>from Severity of Violence Against Women Scale (SWAWS; Marshall, 1992); <sup>3</sup>from Michigan Prenatal Stress Study Health and Medical Questionnaire. <sup>4</sup>from the Pregnancy Risk Assessment Monitoring System (PRAMS; U.S. Center for Disease Control and Prevention, 1987); <sup>5</sup>from Prenatal Health Behavior Scale (PHBS); <sup>7</sup>Endorsement of current diabetes, high blood pressure, or anemia; or prescription steroid, antiviral, or antibiotic use any time since the beginning of pregnancy (but not at the time of saliva sampling).

*Supplementary Table 3: Correlations among the six mental health predictor variables*

		<b>r</b>	<b>p</b>
Recent Life Stress	State Anxiety	0.35	< <b>0.0001</b>
Recent Life Stress	Trait Anxiety	0.39	< <b>0.0001</b>
Recent Life Stress	Depression Symptoms	0.38	< <b>0.0001</b>
Recent Life Stress	Pregnancy Negative Life Events	0.12	0.0700
Recent Life Stress	PTSD symptoms	0.30	< <b>0.0001</b>
State Anxiety	Trait Anxiety	0.80	< <b>0.0001</b>
State Anxiety	Depression Symptoms	0.75	< <b>0.0001</b>
State Anxiety	Pregnancy Negative Life Events	0.25	<b>0.0002</b>
State Anxiety	PTSD symptoms	0.59	< <b>0.0001</b>
Trait Anxiety	Depression Symptoms	0.83	< <b>0.0001</b>
Trait Anxiety	Pregnancy Negative Life Events	0.31	< <b>0.0001</b>
Trait Anxiety	PTSD symptoms	0.63	< <b>0.0001</b>
Depression Symptoms	Pregnancy Negative Life Events	0.31	< <b>0.0001</b>
Depression Symptoms	PTSD symptoms	0.61	< <b>0.0001</b>
Pregnancy Negative Life Events	PTSD symptoms	0.33	< <b>0.0001</b>

*Supplementary Table 4: Regression analysis with PCI of alpha diversity PCA as the outcome variable.*

<b>AD_PC1</b>	<b>Unstand-ardized Estimate</b>	<b>SE</b>	<b>t</b>	<b>Pr(&gt; t[AA1] )</b>
Intercept	0.743	0.532	1.395	0.164
Recent Life Stress	0.088	0.084	1.044	0.298
Pregnancy Negative Life Events	-0.019	0.012	-1.652	0.100
State Anxiety	0.015	0.015	0.957	0.340
Trait Anxiety	-0.027	0.020	-1.357	0.176
Depression Symptoms	-0.056	0.039	-1.435	0.153
PTSD Symptoms	0.0131	0.008	1.547	0.123
Dental Problems	-0.104	0.263	-0.395	0.693
Average # Cigarettes Per Day During Pregnancy	-0.158	0.120	-1.318	0.189

*Supplementary Table 5: Regression analysis with PC2 of alpha diversity PCA as the outcome variable.*

<b>AD_PC1</b>	<b>Unstand-ardized Estimate</b>	<b>SE</b>	<b>t value</b>	<b>Pr(&gt; t[AA1] )</b>
Intercept	0.073	0.211	0.348	0.728
Recent Life Stress	0.005	0.033	0.158	0.875
Pregnancy Negative Life Events	-0.005	0.005	-1.058	0.291
State Anxiety	0.003	0.006	0.523	0.601
Trait Anxiety	-0.006	0.008	-0.785	0.433
Depression Symptoms	-0.007	0.015	-0.463	0.644
PTSD Symptoms	0.003	0.003	0.835	0.405
Dental Problems	0.201	0.104	1.933	0.055
Average # Cigarettes Per Day During Pregnancy	0.062	0.048	1.312	0.191

Supplementary Table 6: PERMANOVA results

	Weighted Unifrac				
	Df	SumOfSqs	R2	F	Pr(>F)
Recent Life Stress	1	0.051	0.0094	2.016	0.051
Pregnancy Negative Life Events	1	0.015	0.0028	0.604	0.773
State Anxiety	1	0.008	0.0014	0.298	0.974
Trait Anxiety	1	0.024	0.0045	0.959	0.429
Depression Symptoms	1	0.029	0.0053	1.130	0.321
PTSD Symptoms	1	0.055	0.0102	2.171	<b>0.037</b>
	Unweighted Unifrac				
	Df	SumOfSqs	R2	F	Pr(>F)
Recent Life Stress	1	0.092	0.0037	0.792	0.924
Pregnancy Negative Life Events	1	0.139	0.0055	1.195	0.120
State Anxiety	1	0.105	0.0042	0.900	0.699
Trait Anxiety	1	0.136	0.0054	1.168	0.147
Depression Symptoms	1	0.129	0.0052	1.112	0.212
PTSD Symptoms	1	0.134	0.0054	1.155	0.161
	Bray Curtis				
	Df	SumOfSqs	R2	F	Pr(>F)
Recent Life Stress	1	0.229	0.0055	1.175	0.192
Pregnancy Negative Life Events	1	0.192	0.0046	0.984	0.445
State Anxiety	1	0.159	0.0038	0.814	0.787
Trait Anxiety	1	0.219	0.0053	1.126	0.241
Depression Symptoms	1	0.214	0.0051	1.100	0.279
PTSD Symptoms	1	0.386	0.0093	1.982	<b>0.006</b>

Supplementary Table 7: Regression analysis with PC1 of beta diversity measures as outcome variables.

	Weighted Unifrac PC1				Unweighted Unifrac PC1				BD_Bray-Curtis PC1			
	Unstand-ardized Estimate	SE	t	Pr(> t )	Unstand-ardized Estimate	SE	t	Pr(> t )	Unstand-ardized Estimate	SE	t	Pr(> t )
Intercept	0.0347	0.0269	1.288	0.199	-0.03156	0.0303	-1.042	0.299	0.0057227	0.0470	0.122	0.903
Recent Life Stress	-0.0047	0.0043	-1.107	0.269	-0.0054	0.0048	-1.125	0.262	-0.0077651	0.0075	-1.042	0.299
Pregnancy Negative Life Events	0.0001	0.0006	0.148	0.882	0.0003	0.0007	0.388	0.698	0.0009534	0.0010	0.930	0.354
State Anxiety	-0.0004	0.0008	-0.507	0.613	-0.0004	0.0009	-0.468	0.641	0.0012811	0.0013	0.955	0.341
Trait Anxiety	-0.0000	0.0010	-0.042	0.966	0.0006	0.0011	0.499	0.618	-0.0006408	0.0017	-0.368	0.713
Depression Symptoms	0.0006	0.0020	0.294	0.769	0.0029	0.0022	1.304	0.194	0.0013023	0.0034	0.380	0.704
PTSD Symptoms	-0.0003	0.0004	-0.630	0.530	-0.0004	0.0005	-0.746	0.456	-0.0014894	0.0008	-1.991	<b>0.048</b>
Dental Problems	-0.0057	0.0133	-0.425	0.671	0.03105	0.0150	2.075	<b>0.039</b>	-0.0022057	0.0232	-0.095	0.924
Average # Cigarettes Per Day During Pregnancy	0.0020	0.0061	0.333	0.740	0.02518	0.0068	3.678	<b>0.0003</b>	0.0279187	0.0106	2.631	0.009

Supplementary Table 8: List of differentially abundant bacteria from LefSe analysis; only statistically significant results are reported below.

	Microbe	Enriched Group	ef_lda	p
<b>Recent Life Stress*</b>				
	Proteobacteria	High	4.267653	0.0034
	Proteobacteria c__Gammaproteobacteria o__Pasteurellales	High	4.07979	0.0019
	Proteobacteria c__Gammaproteobacteria o__Pasteurellales f__Pasteurellaceae	High	4.07979	0.0019
	Proteobacteria c__Gammaproteobacteria	High	4.041559	0.0051
	Proteobacteria c__Gammaproteobacteria o__Pasteurellales f__Pasteurellaceae g__Haemophilus	High	4.033726	0.0021
	Proteobacteria c__Betaproteobacteria	High	3.884229	0.0182
	Proteobacteria c__Betaproteobacteria o__Neisseriales	High	3.873709	0.0106
	Proteobacteria c__Betaproteobacteria o__Neisseriales f__Neisseriaceae	High	3.873709	0.0106
	Proteobacteria c__Betaproteobacteria o__Neisseriales f__Neisseriaceae g__Neisseria	High	3.851507	0.0086
	Bacteroidetes c__Flavobacteriia o__Flavobacteriales f__Weeksellaceae g__Weeksellaceae_[G-1]	High	2.307527	0.0390
	Bacteroidetes c__Bacteroidia o__Bacteroidales f__Prevotellaceae g__Prevotella	Mild/Moderate	4.307477	0.0374
	Bacteroidetes c__Bacteroidia o__Bacteroidales f__Prevotellaceae	Mild/Moderate	4.297831	0.0324
	Saccharibacteria_(TM7) c__Saccharibacteria_(TM7)_[C-1] o__Saccharibacteria_(TM7)_[O-1] f__Saccharibacteria_(TM7)_[F-1] g__Saccharibacteria_(TM7)_[G-1]	Mild/Moderate	3.825014	0.0293
	Actinobacteria c__Coriobacteriia	Mild/Moderate	3.572164	0.0131
	Actinobacteria c__Coriobacteriia o__Coriobacteriales	Mild/Moderate	3.56073	0.0154
	Actinobacteria c__Coriobacteriia o__Coriobacteriales f__Atopobiaceae	Mild/Moderate	3.558947	0.0153
	Actinobacteria c__Coriobacteriia o__Coriobacteriales f__Atopobiaceae g__Lancefieldella	Mild/Moderate	3.554611	0.0142
	Actinobacteria c__Actinomycetia o__Actinomycetales f__Actinomycetaceae g__Schaalia	Mild/Moderate	3.450698	0.0207



<b>Pregnancy Negative Life Events</b>				
	Firmicutes c__Bacilli o__Lactobacillales f__Aerococcaceae	High	3.297327	0.0112
	Firmicutes c__Bacilli o__Lactobacillales f__Aerococcaceae g__Abiotrophia	High	3.297263	0.0113
	Gracilibacteria_(GN02)	Low	2.553	0.0155
<b>State Anxiety</b>				
	Firmicutes c__Negativicutes o__Selenomonadales f__Selenomonadaceae g__Veillonellaceae_[G-1]	High	2.931311	0.0329
	Firmicutes c__Negativicutes o__Veillonellales f__Veillonellaceae g__Dialister	High	2.750518	0.0373
<b>Trait Anxiety</b>				
	Bacteroidetes c__Flavobacteriia o__Flavobacteriales f__Weeksellaceae	High	3.213775	0.0155
	Bacteroidetes c__Flavobacteriia o__Flavobacteriales f__Weeksellaceae g__Cloacibacterium	High	3.201493	0.0432
	Firmicutes c__Bacilli o__Lactobacillales f__Aerococcaceae g__Abiotrophia	High	3.149436	0.0416
	Firmicutes c__Bacilli o__Lactobacillales f__Aerococcaceae	High	3.149181	0.0419
	Proteobacteria c__Betaproteobacteria o__Burkholderiales	High	2.852604	0.0187
	Proteobacteria c__Betaproteobacteria o__Burkholderiales f__Burkholderiaceae	High	2.838594	0.0351
	Proteobacteria c__Betaproteobacteria o__Burkholderiales f__Burkholderiaceae g__Lautropia	High	2.832194	0.0386
	Firmicutes c__Negativicutes o__Veillonellales f__Veillonellaceae g__Dialister	High	2.463836	0.0363
	Proteobacteria c__Betaproteobacteria o__Neisseriales f__Neisseriaceae g__Eikenella	High	2.192168	0.0017
	Bacteroidetes c__Flavobacteriia o__Flavobacteriales f__Weeksellaceae	High	3.213775	0.0155
<b>Depression Symptoms</b>				
	Firmicutes c__Clostridia o__Eubacteriales f__Lachnospiraceae g__Lachnospiraceae_[G-2]	Low	2.781564	0.0415

	Firmicutes c__Tissierellia	High	3.665416	0.0022
	Firmicutes c__Tissierellia o__Tissierellales	High	3.665416	0.0022
	Firmicutes c__Tissierellia o__Tissierellales f__Peptoniphilaceae	High	3.665416	0.0022
	Firmicutes c__Tissierellia o__Tissierellales f__Peptoniphilaceae g__Parvimonas	High	3.643481	0.0024
	Spirochaetes	High	3.253625	0.0190
	Spirochaetes c__Spirochaetia	High	3.253625	0.0190
	Spirochaetes c__Spirochaetia o__Spirochaetales	High	3.253625	0.0190
	Spirochaetes c__Spirochaetia o__Spirochaetales f__Treponemataceae	High	3.253625	0.0190
	Spirochaetes c__Spirochaetia o__Spirochaetales f__Treponemataceae g__Treponema	High	3.253625	0.0190
	Firmicutes c__Clostridia o__Eubacteriales f__Peptostreptococcaceae g__Filifactor	High	2.728596	0.0267
	Firmicutes c__Negativicutes o__Veillonellales f__Veillonellaceae g__Dialister	High	2.671773	0.0022
	Tenericutes	High	2.516083	0.0087
	Tenericutes c__Mollicutes	High	2.516083	0.0087
	Tenericutes c__Mollicutes o__Mycoplasmatales	High	2.348355	0.0038
	Tenericutes c__Mollicutes o__Mycoplasmatales f__Mycoplasmataceae	High	2.348355	0.0038
	Firmicutes c__Clostridia o__Eubacteriales f__Peptostreptococcaceae g__Peptostreptococaceae_[G-9]	High	2.342148	0.0191
	Tenericutes c__Mollicutes o__Mycoplasmatales f__Mycoplasmataceae g__Mycoplasma	High	2.292968	0.0045
	Synergistetes c__Synergistia o__Synergistales f__Synergistaceae	High	2.242739	0.0492
	Synergistetes c__Synergistia o__Synergistales f__Synergistaceae g__Fretibacterium	High	2.241987	0.0494
	Synergistetes	High	2.24157	0.0492
	Synergistetes c__Synergistia	High	2.241488	0.0492
	Synergistetes c__Synergistia o__Synergistales	High	2.238544	0.0492
	Bacteroidetes c__Bacteroidetes_[C-1] o__Bacteroidetes_[O-1] f__Bacteroidetes_[F-1] g__Bacteroidetes_[G-3]	High	2.222545	0.0498
	Firmicutes c__Clostridia o__Eubacteriales f__Peptostreptococcaceae g__Peptostreptococaceae_[G-6]	High	2.193868	0.0314
	Firmicutes c__Clostridia o__Eubacteriales f__Peptostreptococcaceae g__Peptostreptococaceae_[G-7]	High	2.180767	0.0345

	Proteobacteria c__Betaproteobacteria o__Neisseriales f__Neisseriaceae g__Eikenella	High	2.111276	0.03244
	Firmicutes c__Clostridia o__Eubacteriales f__Peptostreptococcaceae g__Peptostreptococcaceae_[G-4]	High	2.096175	0.00351
	Firmicutes c__Erysipelotrichia o__Erysipelotrichales f__Erysipelotrichaceae g__Bulleidia	High	2.08962	0.0159
<b>PTSD Symptoms</b>				
	Firmicutes c__Bacilli	High	4.608444	0.0103
	Firmicutes c__Bacilli o__Lactobacillales	High	4.5055673	0.0311
	Firmicutes c__Bacilli o__Bacillales f__Gemellaceae	High	3.9408598	0.0038
	Firmicutes c__Bacilli o__Bacillales f__Gemellaceae g__Gemella	High	3.9408598	0.0038
	Firmicutes c__Bacilli o__Bacillales	High	3.9385011	0.004
	Firmicutes c__Bacilli o__Lactobacillales f__Carnobacteriaceae g__Granulicatella	High	3.6943917	0.0473
	Saccharibacteria_(TM7) c__Saccharibacteria_(TM7)_[C-1] o__Saccharibacteria_(TM7)_[O-1] f__Saccharibacteria_(TM7)_[F-1] g__Saccharibacteria_(TM7)_[G-6]	High	3.6627572	0.0008
	Firmicutes c__Tissierellia o__Tissierellales f__Peptoniphilaceae	High	3.4774899	0.0189
	Firmicutes c__Tissierellia	High	3.4774899	0.0189
	Firmicutes c__Tissierellia o__Tissierellales	High	3.4774899	0.0189
	Firmicutes c__Bacilli o__Lactobacillales f__Aerococcaceae	High	3.4648771	0.0003
	Firmicutes c__Bacilli o__Lactobacillales f__Aerococcaceae g__Abiotrophia	High	3.4647377	0.0003
	Firmicutes c__Tissierellia o__Tissierellales f__Peptoniphilaceae g__Parvimonas	High	3.4507128	0.0191
	Firmicutes c__Bacilli o__Lactobacillales f__Lactobacillaceae g__Ligilactobacillus	High	2.7049782	0.0186
	Firmicutes c__Clostridia o__Eubacteriales f__Peptostreptococcaceae g__Filifactor	High	2.5367653	0.0415
	Firmicutes c__Clostridia o__Eubacteriales f__Peptostreptococcaceae g__Peptostreptococcaceae_[G-9]	High	2.2684347	0.0132
	Proteobacteria c__Betaproteobacteria o__Neisseriales f__Neisseriaceae g__Eikenella	High	2.2287516	0.0281
	Firmicutes c__Clostridia o__Eubacteriales f__Lachnospiraceae	Low	3.9488769	0.0024

	Firmicutes c__Clostridia o__Eubacteriales f__Lachnospiraceae g__Butyrivibrio	Low	3.7222067	0.0332
	Firmicutes c__Negativicutes o__Selenomonadales	Low	3.5667542	0.0131
	Firmicutes c__Negativicutes o__Selenomonadales f__Selenomonadaceae	Low	3.5667542	0.0131
	Firmicutes c__Negativicutes o__Selenomonadales f__Selenomonadaceae g__Selenomonas	Low	3.543931	0.0054
	Firmicutes c__Clostridia o__Eubacteriales f__Lachnospiraceae g__Oribacterium	Low	3.2764216	0.0089
	Firmicutes c__Negativicutes o__Veillonellales f__Veillonellaceae g__Megasphaera	Low	3.259825	0.019
	Firmicutes c__Clostridia o__Eubacteriales f__Lachnospiraceae g__Stomatobaculum	Low	2.9910764	0.0054
	Firmicutes c__Clostridia o__Eubacteriales f__Lachnospiraceae g__Catonella	Low	2.8076093	0.0158

\*Follow-up analysis of the recent life stress data excluding the moderate stress median score of 4 ( $n = 72$ ), which allowed comparison between our high (scores 5-7;  $n = 65$ ) and new low (scores 1-3;  $n = 83$ ) recent stress groups, revealed that the features that were differentially abundant in the high and mild/moderate stress groups were very similar between the full sample vs. subsample analysis. The features that were different between the two analysis were that *g\_Weeksellaceae [G-1]* associated with high stress only in the original sample; *g\_Aggregatibacter* associated with high stress only in the follow-up analysis, and *g\_Lachnospiraceae [G-2]* associated with low stress only in the follow-up analysis.

Supplementary Table 9: List of differentially abundant bacteria from MaAsLin2 analysis

	Microbe	Enriched Group	ef_lda	p
<b>Recent Life Stress</b>				
	Saccharibacteria_TM7..c_Saccharibacteria_TM7..C.1..o_Saccharibacteria_TM7..O.1..f_Saccharibacteria_TM7..F.1..g_Saccharibacteria_TM7..G.1.	-0.2883	0.1123	0.0110
	Firmicutes.c_Clostridia.o_Eubacteriales.f_Ruminococcaceae.g_Ruminococcaceae..G.2.	-0.4707	0.1873	0.0128
	Proteobacteria.c_Betaproteobacteria.o_Neisseriales.f_Neisseriaceae.g_Neisseria	0.4435	0.1958	0.0246
	Proteobacteria.c_Gammaproteobacteria.o_Pasteurellales.f_Pasteurellaceae.g_Haemophilus	0.3105	0.1451	0.0336
	Actinobacteria.c_Coriobacteriia.o_Coriobacteriales.f_Atopobiaceae.g_Lancefieldella	-0.2097	0.1042	0.0454
<b>Pregnancy Negative Life Events</b>				
	Bacteroidetes.c_Bacteroidia.o_Bacteroidales.f_Bacteroidaceae.g_Phocaeicola	0.2376	0.0891	0.0083
	Firmicutes.c_Erysipelotrichia.o_Erysipelotrichales.f_Erysipelotrichaceae.g_Erysipelotrichaceae..G.1.	0.3491	0.1352	0.0105
	Firmicutes.c_Negativicutes.o_Veillonellales.f_Veillonellaceae.g_Colibacter	0.2380	0.0927	0.0109
	Actinobacteria.c_Coriobacteriia.o_Coriobacteriales.f_Atopobiaceae.g_Olsenella	0.1967	0.0809	0.0160
	Firmicutes.c_Clostridia.o_Eubacteriales.f_Lachnospiraceae.g_Lachnospiraceae..G.8.	0.2664	0.1209	0.0287
<b>State Anxiety</b>				
	Bacteroidetes.c_Bacteroidia.o_Bacteroidales.f_Porphyromonadaceae.g_Porphyromonas	-0.6897	0.2067	0.0010
	Firmicutes.c_Clostridia.o_Eubacteriales.f_Peptococcaceae.g_Peptococcus	-0.6071	0.2154	0.0053
	Bacteroidetes.c_Bacteroidia.o_Bacteroidales.f_Bacteroidales..F.2..g_Bacteroidales..G.2.	-0.4673	0.1958	0.0179
	Firmicutes.c_Bacilli.o_Lactobacillales.f_Aerococcaceae.g_Abiotrophia	-0.6671	0.3092	0.0321
	Saccharibacteria_TM7..c_Saccharibacteria_TM7..C.1..o_Saccharibacteria_TM7..O.1..f_Saccharibacteria_TM7..F.1..g_Saccharibacteria_TM7..G.6.	-0.5775	0.2753	0.0372
<b>Trait Anxiety</b>				

	<b>Bacteroidetes.c__Flavobacteriia.o__Flavobacteriales.f__Weeksellaceae.g__Cloacibacterium</b>	1.0989	0.4997	0.0290
	Proteobacteria.c__Betaproteobacteria.o__Neisseriales.f__Neisseriaceae.g__Kingella	0.7027	0.3329	0.0360
	<b>Proteobacteria.c__Betaproteobacteria.o__Neisseriales.f__Neisseriaceae.g__Eikenella</b>	0.5982	0.2958	0.0445
<b>Depression Symptoms</b>				
	<b>Tenericutes.c__Mollicutes.o__Mycoplasmatales.f__Mycoplasmataceae.g__Mycoplasma</b>	0.9855	0.3180	0.0022
	<b>Firmicutes.c__Clostridia.o__Eubacteriales.f__Peptostreptococcaceae.g__Peptostreptococcus</b>	0.8237	0.3316	0.0138
	<b>Firmicutes.c__Clostridia.o__Eubacteriales.f__Peptostreptococcaceae.g__Filifactor</b>	0.7633	0.3486	0.0297
	Tenericutes.c__Mollicutes.o__Mollicutes__O.1.f__Mollicutes__F.1.g__Mollicutes__G.1.	0.5074	0.2322	0.0300
	<b>Firmicutes.c__Clostridia.o__Eubacteriales.f__Peptostreptococcaceae.g__Peptostreptococcaceae__G.4.</b>	0.5551	0.2558	0.0312
	Firmicutes.c__Clostridia.o__Eubacteriales.f__Peptococcaceae.g__Peptococcus	0.4876	0.2441	0.0471
	Bacteroidetes.c__Bacteroidia.o__Bacteroidales.f__Tannerellaceae.g__Tannerella	0.5910	0.2985	0.0490
<b>PTSD Symptoms</b>				
	<b>Saccharibacteria__TM7.c__Saccharibacteria__TM7__C.1.o__Saccharibacteria__TM7__O.1.f__Saccharibacteria__TM7__F.1.g__Saccharibacteria__TM7__G.6.</b>	0.7782	0.2177	0.0004
	<b>Firmicutes.c__Negativicutes.o__Selenomonadales.f__Selenomonadaceae.g__Selenomonas</b>	-0.6288	0.2296	0.0067
	<b>Bacteroidetes.c__Bacteroidia.o__Bacteroidales.f__Porphyromonadaceae.g__Porphyromonas</b>	0.4358	0.1634	0.0083
	<b>Firmicutes.c__Clostridia.o__Eubacteriales.f__Lachnospiraceae.g__Stomatobaculum</b>	-0.3858	0.1625	0.0185
	<b>Firmicutes.c__Clostridia.o__Eubacteriales.f__Lachnospiraceae.g__Catonella</b>	-0.5113	0.2144	0.0180
	<b>Firmicutes.c__Bacilli.o__Lactobacillales.f__Lactobacillaceae.g__Ligilactobacillus</b>	0.4544	0.1907	0.0181
	Firmicutes.c__Clostridia.o__Eubacteriales.f__Lachnospiraceae.g__Lachnoanaerobaculum	-0.3253	0.1434	0.0243
	Bacteroidetes.c__Bacteroidetes__C.1.o__Bacteroidetes__O.1.f__Bacteroidetes__F.1.g__Bacteroidetes__G.3.	-0.4023	0.1794	0.0260
	Firmicutes.c__Clostridia.o__Eubacteriales.f__Peptostreptococcaceae.g__Peptostreptococcaceae__G.2.	-0.2263	0.1015	0.0269

	Proteobacteria.c_Epsilonproteobacteria.o_Campylobacterales.f_Campylobacteracea e.g_Campylobacter	-0.3846	0.1742	0.0283
	Proteobacteria.c_Gammaproteobacteria.o_Cardiobacteriales.f_Cardiobacteriaceae.g _Cardiobacterium	-0.4173	0.1978	0.0361

*\*Features highlighted in red are statistically significant after multiple comparison correction. A q value of <0.25 is considered statistically significant. The features highlighted in bold are common between LefSe and MaAsLin analysis.*