



```
1 .
2 .
3 .
4 . *****AGE and SEX*****
5 .
6 . capture drop AGE

7 . gen AGE=Age
  (3 missing values generated)

8 .
9 . capture drop SEX

10 . gen SEX=.
    (502,389 missing values generated)

11 . replace SEX=1 if sex==1
    (229,077 real changes made)

12 . replace SEX=2 if sex==2
    (273,312 real changes made)

13 .
14 . save,replace
    file E:\16GBBACKUPUSB\BACKUP_USB_SEPTEMBER2014\May Baydoun_folder\UK_BIOBANK_PROJECT\UKB_PAPER3_LE8INFECTDEM\DATA\UK

15 .
16 . *****TABLE 1: OVERALL, BY SEX AND BY RACE *****
17 .
18 . capture drop infectionburdenbr

19 . gen infectionburdenbr=1 if infectionburden>=1
    (328,882 missing values generated)

20 . replace infectionburdenbr=0 if infectionburden==0
    (328,882 real changes made)

21 .
22 .
23 . capture drop infectionburdenhospbr

24 . gen infectionburdenhospbr=1 if infectionburdenhosp>=1
    (441,555 missing values generated)

25 . replace infectionburdenhospbr=0 if infectionburdenhosp==0
    (441,555 real changes made)

26 .
27 .
28 . capture drop infectionburdennonhospbr

29 . gen infectionburdennonhospbr=1 if infectionburdennonhosp>=1
    (389,716 missing values generated)
```


	Mean	Std. err.	[95% conf. interval]	
LE8_COMP2PA	47.9319	.0591996	47.81587	48.04793

Mean estimation Number of obs = **351,337**

	Mean	Std. err.	[95% conf. interval]	
LE8_COMP3NICOTINE	84.75369	.0492791	84.65711	84.85028

Mean estimation Number of obs = **349,702**

	Mean	Std. err.	[95% conf. interval]	
LE8_COMP4SLEEP	89.07198	.0317735	89.00971	89.13426

Mean estimation Number of obs = **350,110**

	Mean	Std. err.	[95% conf. interval]	
LE8_COMP5BMI	68.38212	.0480797	68.28789	68.47636

Mean estimation Number of obs = **304,082**

	Mean	Std. err.	[95% conf. interval]	
LE8_COMP6LIPIDS	48.01692	.0546684	47.90977	48.12407

Mean estimation Number of obs = **329,965**

	Mean	Std. err.	[95% conf. interval]	
LE8_COMP7GLUC	89.60335	.036394	89.53202	89.67468

Mean estimation Number of obs = **329,730**

	Mean	Std. err.	[95% conf. interval]	
LE8_COMP8BP	38.1033	.0535496	37.99834	38.20825

Mean estimation Number of obs = **351,337**

	Mean	Std. err.	[95% conf. interval]	
LE8_TOTALSCORE	501.8007	.1619147	501.4834	502.1181

Mean estimation Number of obs = **351,337**

	Mean	Std. err.	[95% conf. interval]	
LE8_LIFESTYLE	255.6804	.1068141	255.4711	255.8898

Mean estimation Number of obs = 351,337

	Mean	Std. err.	[95% conf. interval]	
LE8_BIOLOGICAL	245.8779	.1121919	245.658	246.0978

Mean estimation Number of obs = 351,337

	Mean	Std. err.	[95% conf. interval]	
LE8_TOTALSCOREtert	1.958265	.001368	1.955584	1.960946

Mean estimation Number of obs = 351,337

	Mean	Std. err.	[95% conf. interval]	
SES	-.0425881	.0011661	-.0448737	-.0403025

Mean estimation Number of obs = 351,337

	Mean	Std. err.	[95% conf. interval]	
infectionburden	.7452133	.0023213	.7406636	.7497629

Mean estimation Number of obs = 351,337

	Mean	Std. err.	[95% conf. interval]	
infectionburdenhosp	.2563294	.0014773	.2534338	.259225

Mean estimation Number of obs = 351,337

	Mean	Std. err.	[95% conf. interval]	
infectionburden_THREE	.4750966	.0011933	.4727578	.4774353

```

43 .
44 .
45 .
46 . foreach x2 of varlist dem_diag ad_diag SEX RACE_ETHN NonWhite educationbr householdincome infectionburdenbr infect
    2.         prop `x2' if sample_final2==1
    3. }

```

Proportion estimation Number of obs = 351,337

	Proportion	Std. err.	Logit [95% conf. interval]	
dem_diag				
0	.9825552	.0002209	.982117	.9829829
1	.0174448	.0002209	.0170171	.017883

Proportion estimation Number of obs = 351,337

	Proportion	Std. err.	Logit [95% conf. interval]	
ad_diag				
0	.9926139	.0001445	.9923253	.9928917
1	.0073861	.0001445	.0071083	.0076747

Proportion estimation Number of obs = 351,337

	Proportion	Std. err.	Logit [95% conf. interval]	
SEX				
1	.4626043	.0008412	.460956	.4642534
2	.5373957	.0008412	.5357466	.539044

Proportion estimation Number of obs = 351,337

	Proportion	Std. err.	Logit [95% conf. interval]	
RACE_ETHN				
0	.9580801	.0003381	.9574124	.9587378
1	.0107191	.0001737	.0103838	.011065
2	.0148433	.000204	.0144487	.0152485
3	.0163575	.000214	.0159433	.0167823

Proportion estimation Number of obs = 351,337

	Proportion	Std. err.	Logit [95% conf. interval]	
NonWhite				
white	.9580801	.0003381	.9574124	.9587378
Non-White	.0419199	.0003381	.0412622	.0425876

Proportion estimation

Number of obs = 292,741

	Proportion	Std. err.	Logit [95% conf. interval]	
educationbr				
0	.2172296	.0007621	.2157395	.218727
1	.3945638	.0009033	.3927947	.3963357
2	.3882066	.0009007	.3864427	.3899735

Proportion estimation

Number of obs = 315,554

	Proportion	Std. err.	Logit [95% conf. interval]	
householdincome				
1	.2571889	.0007781	.2556669	.2587169
2	.27787	.0007974	.2763098	.2794357
3	.2468452	.0007676	.2453439	.2483527
4	.173609	.0006743	.1722914	.1749345
5	.0444868	.000367	.043773	.0452118

Proportion estimation

Number of obs = 351,337

	Proportion	Std. err.	Logit [95% conf. interval]	
infectionburdenbr				
0	.6503386	.0008045	.6487601	.6519137
1	.3496614	.0008045	.3480863	.3512399

Proportion estimation

Number of obs = 351,337

	Proportion	Std. err.	Logit [95% conf. interval]	
infectionburdenhospbr				
0	.8745649	.0005588	.8734656	.875656
1	.1254351	.0005588	.124344	.1265344

Proportion estimation

Number of obs = 351,337

	Proportion	Std. err.	Logit [95% conf. interval]	
infectionburden_THREE				
0	.6503386	.0008045	.6487601	.6519137
1	.2242263	.0007036	.2228502	.2256084
2	.1254351	.0005588	.124344	.1265344

Mean estimation Number of obs = 161,885

	Mean	Std. err.	[95% conf. interval]	
LE8_COMP5BMI	66.06285	.0666524	65.93222	66.19349

Mean estimation Number of obs = 142,353

	Mean	Std. err.	[95% conf. interval]	
LE8_COMP6LIPIDS	53.07257	.0833803	52.90915	53.236

Mean estimation Number of obs = 153,319

	Mean	Std. err.	[95% conf. interval]	
LE8_COMP7GLUC	88.2931	.0573942	88.18061	88.40559

Mean estimation Number of obs = 152,652

	Mean	Std. err.	[95% conf. interval]	
LE8_COMP8BP	34.76879	.0724114	34.62686	34.91071

Mean estimation Number of obs = 162,530

	Mean	Std. err.	[95% conf. interval]	
LE8_TOTALSCORE	492.8941	.2315992	492.4401	493.348

Mean estimation Number of obs = 162,530

	Mean	Std. err.	[95% conf. interval]	
LE8_LIFESTYLE	249.4773	.1584677	249.1667	249.7879

Mean estimation Number of obs = 162,530

	Mean	Std. err.	[95% conf. interval]	
LE8_BIOLOGICAL	243.3008	.1548217	242.9974	243.6043

Mean estimation Number of obs = 162,530

	Mean	Std. err.	[95% conf. interval]	
LE8_TOTALSCOREtert	1.886642	.0019757	1.88277	1.890515

Mean estimation Number of obs = 162,530

	Mean	Std. err.	[95% conf. interval]	
SES	-.0200966	.001769	-.0235638	-.0166293

Mean estimation Number of obs = 162,530

	Mean	Std. err.	[95% conf. interval]	
infectionburden	.6676798	.003081	.6616411	.6737186

Mean estimation Number of obs = 162,530

	Mean	Std. err.	[95% conf. interval]	
infectionburdenhosp	.2464037	.0020459	.2423939	.2504136

Mean estimation Number of obs = 162,530

	Mean	Std. err.	[95% conf. interval]	
infectionburden_THREE	.4598413	.0017521	.4564072	.4632753

52 .

53 .

54 .

```
55 . foreach x2 of varlist dem_diag ad_diag SEX RACE_ETHN NonWhite educationbr householdincome infectionburdenbr infect
    2.      prop `x2' if sample_final2==1 & SEX==1
    3. }
```

Proportion estimation Number of obs = 162,530

	Proportion	Std. err.	Logit [95% conf. interval]	
dem_diag				
0	.9796038	.0003506	.9789051	.9802798
1	.0203962	.0003506	.0197202	.0210949

Proportion estimation Number of obs = 162,530

	Proportion	Std. err.	Logit [95% conf. interval]	
ad_diag				
0	.9920815	.0002199	.9916387	.9925009
1	.0079185	.0002199	.0074991	.0083613

Proportion estimation Number of obs = 162,530

	Proportion	Std. err.	Logit [95% conf. interval]	
1.SEX	1	0	.	.

Proportion estimation Number of obs = 162,530

	Proportion	Std. err.	Logit [95% conf. interval]	
RACE_ETHN				
0	.958057	.0004972	.9570715	.9590208
1	.0095059	.0002407	.0090456	.0099895
2	.0174491	.0003248	.0168238	.0180972
3	.014988	.0003014	.0144086	.0155903

Proportion estimation Number of obs = 162,530

	Proportion	Std. err.	Logit [95% conf. interval]	
NonWhite				
white	.958057	.0004972	.9570715	.9590208
Non-White	.041943	.0004972	.0409792	.0429285

Proportion estimation Number of obs = 133,717

	Proportion	Std. err.	Logit [95% conf. interval]	
educationbr				
0	.2394535	.001167	.2371736	.2417483
1	.3465528	.0013014	.3440066	.3491078
2	.4139937	.001347	.4113562	.4166362

Proportion estimation Number of obs = 151,283

	Proportion	Std. err.	Logit [95% conf. interval]	
householdincome				
1	.2301713	.0010822	.2280569	.2322993
2	.2665402	.0011368	.2643181	.2687742
3	.2565391	.0011228	.2543446	.258746
4	.19447	.0010176	.1924833	.1964722
5	.0522795	.0005723	.0511691	.0534126

Proportion estimation Number of obs = 162,530

	Proportion	Std. err.	Logit [95% conf. interval]	
infectionburdenbr				
0	.6654279	.0011704	.6631301	.6677179
1	.3345721	.0011704	.3322821	.3368699

Proportion estimation

Number of obs = 162,530

	Proportion	Std. err.	Logit [95% conf. interval]	
infectionburdenhospbr				
0	.8747308	.0008211	.8731126	.8763313
1	.1252692	.0008211	.1236687	.1268874

Proportion estimation

Number of obs = 162,530

	Proportion	Std. err.	Logit [95% conf. interval]	
infectionburden_THREE				
0	.6654279	.0011704	.6631301	.6677179
1	.2093029	.0010091	.207332	.2112875
2	.1252692	.0008211	.1236687	.1268874

56 .

57 . **Among Women**

58 .

59 . foreach x1 of varlist AGE householdsize townsend LE8* SES infectionburden infectionburdenhosp infectionburden_THREE

2. mean `x1' if sample_final2==1 & SEX==2

3. }

Mean estimation

Number of obs = 188,807

	Mean	Std. err.	[95% conf. interval]	
AGE	59.62775	.0124528	59.60334	59.65215

Mean estimation

Number of obs = 188,807

	Mean	Std. err.	[95% conf. interval]	
householdsize	2.166201	.0026471	2.161013	2.17139

Mean estimation

Number of obs = 188,654

	Mean	Std. err.	[95% conf. interval]	
townsend	-1.536891	.0067362	-1.550094	-1.523688

Mean estimation

Number of obs = 188,775

	Mean	Std. err.	[95% conf. interval]	
LE8_COMP1DIET	38.84979	.0708657	38.7109	38.98869

Mean estimation Number of obs = **188,807**

	Mean	Std. err.	[95% conf. interval]	
LE8_COMP2PA	46.73158	.0805564	46.57369	46.88947

Mean estimation Number of obs = **188,807**

	Mean	Std. err.	[95% conf. interval]	
LE8_COMP3NICOTINE	86.8932	.0628593	86.77	87.01641

Mean estimation Number of obs = **187,699**

	Mean	Std. err.	[95% conf. interval]	
LE8_COMP4SLEEP	88.7741	.0441024	88.68766	88.86054

Mean estimation Number of obs = **188,225**

	Mean	Std. err.	[95% conf. interval]	
LE8_COMP5BMI	70.37684	.0683088	70.24295	70.51072

Mean estimation Number of obs = **161,729**

	Mean	Std. err.	[95% conf. interval]	
LE8_COMP6LIPIDS	43.56695	.0701248	43.42951	43.7044

Mean estimation Number of obs = **176,646**

	Mean	Std. err.	[95% conf. interval]	
LE8_COMP7GLUC	90.74058	.0460899	90.65024	90.83091

Mean estimation Number of obs = **177,078**

	Mean	Std. err.	[95% conf. interval]	
LE8_COMP8BP	40.97785	.0771053	40.82672	41.12897

Mean estimation Number of obs = **188,807**

	Mean	Std. err.	[95% conf. interval]	
LE8_TOTALSCORE	509.4678	.224408	509.028	509.9076

Mean estimation Number of obs = **188,807**

	Mean	Std. err.	[95% conf. interval]	
LE8_LIFESTYLE	261.0203	.1434281	260.7391	261.3014

Mean estimation Number of obs = **188,807**

	Mean	Std. err.	[95% conf. interval]	
LE8_BIOLOGICAL	248.0962	.1605191	247.7816	248.4108

Mean estimation Number of obs = **188,807**

	Mean	Std. err.	[95% conf. interval]	
LE8_TOTALSCOREtert	2.01992	.0018827	2.01623	2.02361

Mean estimation Number of obs = **188,807**

	Mean	Std. err.	[95% conf. interval]	
SES	-.0619494	.0015445	-.0649765	-.0589222

Mean estimation Number of obs = **188,807**

	Mean	Std. err.	[95% conf. interval]	
infectionburden	.8119561	.0034019	.8052885	.8186238

Mean estimation Number of obs = **188,807**

	Mean	Std. err.	[95% conf. interval]	
infectionburdenhosp	.2648737	.0021107	.2607367	.2690106

Mean estimation Number of obs = **188,807**

	Mean	Std. err.	[95% conf. interval]	
infectionburden_THREE	.4882287	.001629	.4850359	.4914215

```

60 .
61 .
62 .
63 . foreach x2 of varlist dem_diag ad_diag SEX RACE_ETHN NonWhite educationbr householdincome infectionburdenbr infect
    2.         prop `x2' if sample_final2==1 & SEX==2
    3.
64 . }

```

Proportion estimation Number of obs = **188,807**

	Proportion	Std. err.	Logit [95% conf. interval]	
dem_diag				
0	.9850959	.0002789	.9845394	.9856327
1	.0149041	.0002789	.0143673	.0154606

Proportion estimation Number of obs = **188,807**

	Proportion	Std. err.	Logit [95% conf. interval]	
ad_diag				
0	.9930723	.0001909	.9926879	.9934366
1	.0069277	.0001909	.0065634	.0073121

Proportion estimation Number of obs = **188,807**

	Proportion	Std. err.	Logit [95% conf. interval]	
2.SEX	1	0	.	.

Proportion estimation Number of obs = **188,807**

	Proportion	Std. err.	Logit [95% conf. interval]	
RACE_ETHN				
0	.9581001	.0004611	.9571869	.9589946
1	.0117633	.0002481	.0112868	.0122597
2	.0126002	.0002567	.0121068	.0131133
3	.0175364	.0003021	.0169541	.0181384

Proportion estimation Number of obs = **188,807**

	Proportion	Std. err.	Logit [95% conf. interval]	
NonWhite				
white	.9581001	.0004611	.9571869	.9589946
Non-White	.0418999	.0004611	.0410054	.0428131

Proportion estimation Number of obs = **159,024**

	Proportion	Std. err.	Logit [95% conf. interval]	
educationbr				
0	.1985424	.0010003	.196589	.2005102
1	.4349343	.0012432	.4324994	.4373725
2	.3665233	.0012083	.3641582	.3688948

Proportion estimation

Number of obs = 164,271

	Proportion	Std. err.	Logit [95% conf. interval]	
householdincome				
1	.2820705	.0011103	.2798994	.2842517
2	.2883041	.0011176	.2861185	.2904995
3	.2379178	.0010506	.2358648	.2399831
4	.1543973	.0008915	.1526581	.1561527
5	.0373103	.0004676	.0364045	.0382377

Proportion estimation

Number of obs = 188,807

	Proportion	Std. err.	Logit [95% conf. interval]	
infectionburdenbr				
0	.6373493	.0011064	.6351779	.639515
1	.3626507	.0011064	.360485	.3648221

Proportion estimation

Number of obs = 188,807

	Proportion	Std. err.	Logit [95% conf. interval]	
infectionburdenhospbr				
0	.874422	.0007626	.8729197	.8759091
1	.125578	.0007626	.1240909	.1270803

Proportion estimation

Number of obs = 188,807

	Proportion	Std. err.	Logit [95% conf. interval]	
infectionburden_THREE				
0	.6373493	.0011064	.6351779	.639515
1	.2370728	.0009788	.2351598	.2389965
2	.125578	.0007626	.1240909	.1270803

```

65 .
66 .
67 . **Difference by sex**
68 .
69 .
70 . foreach x1 of varlist AGE householdsize townsend LE8* SES infectionburden infectionburdenhosp infectionburden_THRE
    2.         reg `x1' SEX if sample_final2==1
    3. }

```

Source	SS	df	MS	Number of obs	=	351,337
Model	27691.6046	1	27691.6046	F(1, 351335)	=	938.23
Residual	10369575.8	351,335	29.5147817	Prob > F	=	0.0000
				R-squared	=	0.0027
				Adj R-squared	=	0.0027
Total	10397267.4	351,336	29.5935158	Root MSE	=	5.4328

AGE	Coefficient	Std. err.	t	P> t	[95% conf. interval]	
SEX	-.5630672	.0183826	-30.63	0.000	-.5990964	-.5270379
_cons	60.75388	.0297104	2044.87	0.000	60.69565	60.81211

Source	SS	df	MS	Number of obs	=	351,337
Model	1824.31541	1	1824.31541	F(1, 351335)	=	1333.28
Residual	480730.406	351,335	1.36829637	Prob > F	=	0.0000
				R-squared	=	0.0038
				Adj R-squared	=	0.0038
Total	482554.721	351,336	1.37348499	Root MSE	=	1.1697

households~e	Coefficient	Std. err.	t	P> t	[95% conf. interval]	
SEX	-.1445227	.003958	-36.51	0.000	-.1522803	-.1367651
_cons	2.455247	.006397	383.81	0.000	2.442709	2.467785

Source	SS	df	MS	Number of obs	=	351,036
Model	57.7482732	1	57.7482732	F(1, 351034)	=	6.56
Residual	3089462.75	351,034	8.80103565	Prob > F	=	0.0104
				R-squared	=	0.0000
				Adj R-squared	=	0.0000
Total	3089520.5	351,035	8.80117509	Root MSE	=	2.9667

townsend	Coefficient	Std. err.	t	P> t	[95% conf. interval]	
SEX	-.0257243	.0100425	-2.56	0.010	-.0454072	-.0060413
_cons	-1.485442	.0162311	-91.52	0.000	-1.517255	-1.45363

Source	SS	df	MS	Number of obs	=	351,255
Model	9160404.2	1	9160404.2	F(1, 351253)	=	9775.15
Residual	329163208	351,253	937.111448	Prob > F	=	0.0000
				R-squared	=	0.0271
				Adj R-squared	=	0.0271
Total	338323612	351,254	963.187926	Root MSE	=	30.612

LE8_COMP1D~T	Coefficient	Std. err.	t	P> t	[95% conf. interval]	
SEX	10.24227	.103594	98.87	0.000	10.03923	10.44532
_cons	18.36525	.1674347	109.69	0.000	18.03708	18.69341

Source	SS	df	MS	Number of obs	=	351,337
Model	588031.28	1	588031.28	F(1, 351335)	=	478.22
Residual	432009087	351,335	1229.62155	Prob > F	=	0.0000
				R-squared	=	0.0014
				Adj R-squared	=	0.0014
Total	432597119	351,336	1231.29175	Root MSE	=	35.066

LE8_COMP2PA	Coefficient	Std. err.	t	P> t	[95% conf. interval]	
SEX	-2.594695	.1186511	-21.87	0.000	-2.827248	-2.362142
_cons	51.92097	.1917671	270.75	0.000	51.54512	52.29683

Source	SS	df	MS	Number of obs	=	351,337
Model	1868262.88	1	1868262.88	F(1, 351335)	=	2203.45
Residual	297890791	351,335	847.882479	Prob > F	=	0.0000
				R-squared	=	0.0062
				Adj R-squared	=	0.0062
Total	299759054	351,336	853.197662	Root MSE	=	29.118

LE8_COMP3N~E	Coefficient	Std. err.	t	P> t	[95% conf. interval]	
SEX	4.62493	.0985267	46.94	0.000	4.43182	4.818039
_cons	77.64334	.1592414	487.58	0.000	77.33124	77.95545

Source	SS	df	MS	Number of obs	=	349,702
Model	35951.7712	1	35951.7712	F(1, 349700)	=	101.86
Residual	123423978	349,700	352.94246	Prob > F	=	0.0000
				R-squared	=	0.0003
				Adj R-squared	=	0.0003
Total	123459930	349,701	353.044258	Root MSE	=	18.787

LE8_COMP4S~P	Coefficient	Std. err.	t	P> t	[95% conf. interval]	
SEX	-.6430085	.0637101	-10.09	0.000	-.7678785	-.5181385
_cons	90.06012	.1029312	874.95	0.000	89.85838	90.26186

Source	SS	df	MS	Number of obs	=	350,110
Model	1619706.23	1	1619706.23	F(1, 350108)	=	2012.78
Residual	281736046	350,108	804.711822	Prob > F	=	0.0000
				R-squared	=	0.0057
				Adj R-squared	=	0.0057
Total	283355753	350,109	809.335815	Root MSE	=	28.367

LE8_COMP5BMI	Coefficient	Std. err.	t	P> t	[95% conf. interval]	
SEX	4.313983	.0961569	44.86	0.000	4.125518	4.502448
_cons	61.74887	.155431	397.28	0.000	61.44423	62.05351

Source	SS	df	MS	Number of obs	=	304,082
Model	6841078.5	1	6841078.5	F(1, 304080)	=	7718.73
Residual	269504882	304,080	886.295983	Prob > F	=	0.0000
				R-squared	=	0.0248
				Adj R-squared	=	0.0248
Total	276345961	304,081	908.790622	Root MSE	=	29.771

LE8_COMP6L~S	Coefficient	Std. err.	t	P> t	[95% conf. interval]	
SEX	-9.505619	.1081951	-87.86	0.000	-9.717678	-9.293559
_cons	62.57819	.1743109	359.00	0.000	62.23655	62.91984
Source	SS	df	MS	Number of obs	=	329,965
Model	491664.389	1	491664.389	F(1, 329963)	=	1128.82
Residual	143717822	329,963	435.557388	Prob > F	=	0.0000
				R-squared	=	0.0034
				Adj R-squared	=	0.0034
Total	144209487	329,964	437.046122	Root MSE	=	20.87
LE8_COMP7G~C	Coefficient	Std. err.	t	P> t	[95% conf. interval]	
SEX	2.447476	.0728462	33.60	0.000	2.304699	2.590252
_cons	85.84563	.1175973	730.00	0.000	85.61514	86.07611
Source	SS	df	MS	Number of obs	=	329,730
Model	3160531.26	1	3160531.26	F(1, 329728)	=	3376.85
Residual	308605520	329,728	935.939685	Prob > F	=	0.0000
				R-squared	=	0.0101
				Adj R-squared	=	0.0101
Total	311766052	329,729	945.522085	Root MSE	=	30.593
LE8_COMP8BP	Coefficient	Std. err.	t	P> t	[95% conf. interval]	
SEX	6.209058	.1068488	58.11	0.000	5.999638	6.418479
_cons	28.55973	.1726565	165.41	0.000	28.22133	28.89813
Source	SS	df	MS	Number of obs	=	351,337
Model	23992045.8	1	23992045.8	F(1, 351335)	=	2624.23
Residual	3.2121e+09	351,335	9142.52285	Prob > F	=	0.0000
				R-squared	=	0.0074
				Adj R-squared	=	0.0074
Total	3.2361e+09	351,336	9210.78486	Root MSE	=	95.617
LE8_TOTALS~E	Coefficient	Std. err.	t	P> t	[95% conf. interval]	
SEX	16.57371	.3235334	51.23	0.000	15.9396	17.20783
_cons	476.3204	.5229032	910.91	0.000	475.2955	477.3452
Source	SS	df	MS	Number of obs	=	351,337
Model	11637555.7	1	11637555.7	F(1, 351335)	=	2927.41
Residual	1.3967e+09	351,335	3975.37908	Prob > F	=	0.0000
				R-squared	=	0.0083
				Adj R-squared	=	0.0083
Total	1.4083e+09	351,336	4008.49148	Root MSE	=	63.051
LE8_LIFEST~E	Coefficient	Std. err.	t	P> t	[95% conf. interval]	
SEX	11.54296	.2133415	54.11	0.000	11.12481	11.9611
_cons	237.9343	.3448082	690.05	0.000	237.2585	238.6102

Source	SS	df	MS	Number of obs	=	351,337
Model	2008511.96	1	2008511.96	F(1, 351335)	=	454.77
Residual	1.5517e+09	351,335	4416.57865	Prob > F	=	0.0000
				R-squared	=	0.0013
				Adj R-squared	=	0.0013
Total	1.5537e+09	351,336	4422.28286	Root MSE	=	66.457

LE8_BIOLOG~L	Coefficient	Std. err.	t	P> t	[95% conf. interval]	
SEX	4.795383	.2248688	21.33	0.000	4.354647	5.23612
_cons	238.5055	.3634388	656.25	0.000	237.7931	239.2178

Source	SS	df	MS	Number of obs	=	351,337
Model	1551.45939	1	1551.45939	F(1, 351335)	=	2375.46
Residual	229463.582	351,335	.653119053	Prob > F	=	0.0000
				R-squared	=	0.0067
				Adj R-squared	=	0.0067
Total	231015.042	351,336	.657533079	Root MSE	=	.80816

LE8_TOTALS~t	Coefficient	Std. err.	t	P> t	[95% conf. interval]	
SEX	.1332773	.0027345	48.74	0.000	.1279178	.1386369
_cons	1.753365	.0044196	396.72	0.000	1.744703	1.762027

Source	SS	df	MS	Number of obs	=	351,337
Model	152.995037	1	152.995037	F(1, 351335)	=	320.52
Residual	167702.787	351,335	.477330147	Prob > F	=	0.0000
				R-squared	=	0.0009
				Adj R-squared	=	0.0009
Total	167855.782	351,336	.477764255	Root MSE	=	.69089

SES	Coefficient	Std. err.	t	P> t	[95% conf. interval]	
SEX	-.0418528	.0023377	-17.90	0.000	-.0464347	-.0372709
_cons	.0217563	.0037783	5.76	0.000	.0143509	.0291617

Source	SS	df	MS	Number of obs	=	351,337
Model	1818.10014	1	1818.10014	F(1, 351335)	=	962.99
Residual	663310.412	351,335	1.88797134	Prob > F	=	0.0000
				R-squared	=	0.0027
				Adj R-squared	=	0.0027
Total	665128.512	351,336	1.89314079	Root MSE	=	1.374

infectionb~n	Coefficient	Std. err.	t	P> t	[95% conf. interval]	
SEX	.1442763	.0046493	31.03	0.000	.1351639	.1533887
_cons	.5234035	.0075143	69.65	0.000	.5086758	.5381312

Source	SS	df	MS	Number of obs	=	351,337
Model	29.7959634	1	29.7959634	F(1, 351335)	=	38.86
Residual	269379.692	351,335	.766731728	Prob > F	=	0.0000
				R-squared	=	0.0001
				Adj R-squared	=	0.0001
Total	269409.488	351,336	.766814353	Root MSE	=	.87563

ad_diag	Coefficient	Std. err.	z	P> z	[95% conf. interval]	
0	(base outcome)					
1						
SEX	-.1346756	.0394089	-3.42	0.001	-.2119157	-.0574356
_cons	-4.695923	.0624714	-75.17	0.000	-4.818365	-4.573481

Iteration 0: log likelihood = -77090.494
 Iteration 1: log likelihood = -76983.773
 Iteration 2: log likelihood = -76983.239
 Iteration 3: log likelihood = -76983.239

Multinomial logistic regression

Number of obs = 351,337
 LR chi2(3) = 214.51
 Prob > chi2 = 0.0000
 Pseudo R2 = 0.0014

Log likelihood = -76983.239

RACE_ETHN	Coefficient	Std. err.	z	P> z	[95% conf. interval]	
0	(base outcome)					
1						
SEX	.2130259	.0333084	6.40	0.000	.1477427	.2783091
_cons	-4.826017	.0554117	-87.09	0.000	-4.934622	-4.717412
2						
SEX	-.3256221	.0280161	-11.62	0.000	-.3805327	-.2707115
_cons	-3.679998	.0431509	-85.28	0.000	-3.764572	-3.595424
3						
SEX	.1569852	.0269162	5.83	0.000	.1042304	.20974
_cons	-4.314642	.0444441	-97.08	0.000	-4.401751	-4.227534

Iteration 0: log likelihood = -61132.045
 Iteration 1: log likelihood = -61132.043

Multinomial logistic regression

Number of obs = 351,337
 LR chi2(1) = 0.00
 Prob > chi2 = 0.9493
 Pseudo R2 = 0.0000

Log likelihood = -61132.043

NonWhite	Coefficient	Std. err.	z	P> z	[95% conf. interval]	
white	(base outcome)					
Non_White						
SEX	-.001073	.0168834	-0.06	0.949	-.0341639	.0320178
_cons	-3.127522	.0272835	-114.63	0.000	-3.180997	-3.074047

Iteration 0: log likelihood = -312040.94
 Iteration 1: log likelihood = -310827.38
 Iteration 2: log likelihood = -310826.75
 Iteration 3: log likelihood = -310826.75

Multinomial logistic regression

Number of obs = 292,741

LR chi2(2) = 2428.38

Prob > chi2 = 0.0000

Pseudo R2 = 0.0039

Log likelihood = -310826.75

educationbr		Coefficient	Std. err.	z	P> z	[95% conf. interval]	
0							
	SEX	-.4145166	.009947	-41.67	0.000	-.4340123	-.3950209
	_cons	.0448405	.0160429	2.80	0.005	.013397	.0762841
1		(base outcome)					
2							
	SEX	-.3489487	.0084415	-41.34	0.000	-.3654937	-.3324037
	_cons	.5267644	.013791	38.20	0.000	.4997346	.5537941

Iteration 0: log likelihood = -471081.94

Iteration 1: log likelihood = -469984.77

Iteration 2: log likelihood = -469982.96

Iteration 3: log likelihood = -469982.96

Multinomial logistic regression

Number of obs = 315,554

LR chi2(4) = 2197.96

Prob > chi2 = 0.0000

Pseudo R2 = 0.0023

Log likelihood = -469982.96

householdi~e		Coefficient	Std. err.	z	P> z	[95% conf. interval]	
1							
	SEX	.1248426	.0098089	12.73	0.000	.1056175	.1440677
	_cons	-.271544	.016024	-16.95	0.000	-.3029504	-.2401375
2		(base outcome)					
3							
	SEX	-.1538463	.0098624	-15.60	0.000	-.1731763	-.1345163
	_cons	.1156022	.0157787	7.33	0.000	.0846766	.1465279
4							
	SEX	-.3092393	.0109239	-28.31	0.000	-.3306498	-.2878287
	_cons	-.006008	.017196	-0.35	0.727	-.0397116	.0276955
5							
	SEX	-.4158257	.018317	-22.70	0.000	-.4517263	-.3799251
	_cons	-1.213095	.0280932	-43.18	0.000	-1.268157	-1.158033

Iteration 0: log likelihood = -227398.24

Iteration 1: log likelihood = -227246.67

Iteration 2: log likelihood = -227246.65

Multinomial logistic regression

Number of obs = 351,337

LR chi2(1) = 303.17

Prob > chi2 = 0.0000

Pseudo R2 = 0.0007

Log likelihood = -227246.65

infectio~nbr	Coefficient	Std. err.	z	P> z	[95% conf. interval]	
0	(base outcome)					
1						
SEX	.1237004	.0071099	17.40	0.000	.1097652	.1376356
_cons	-.8112783	.0115524	-70.23	0.000	-.8339207	-.7886359

Iteration 0: log likelihood = -132670.48
 Iteration 1: log likelihood = -132670.44
 Iteration 2: log likelihood = -132670.44

Multinomial logistic regression

Number of obs = 351,337
 LR chi2(1) = 0.08
 Prob > chi2 = 0.7829
 Pseudo R2 = 0.0000

Log likelihood = -132670.44

inf~enhospbr	Coefficient	Std. err.	z	P> z	[95% conf. interval]	
0	(base outcome)					
1						
SEX	.0028151	.0102168	0.28	0.783	-.0172095	.0228396
_cons	-1.946266	.0165176	-117.83	0.000	-1.97864	-1.913892

Iteration 0: log likelihood = -307580.03
 Iteration 1: log likelihood = -307376.44
 Iteration 2: log likelihood = -307376.35
 Iteration 3: log likelihood = -307376.35

Multinomial logistic regression

Number of obs = 351,337
 LR chi2(2) = 407.37
 Prob > chi2 = 0.0000
 Pseudo R2 = 0.0007

Log likelihood = -307376.35

infectionb~E	Coefficient	Std. err.	z	P> z	[95% conf. interval]	
0	(base outcome)					
1						
SEX	.1676972	.0083243	20.15	0.000	.151382	.1840125
_cons	-1.324345	.0136096	-97.31	0.000	-1.351019	-1.297671
2						
SEX	.0455745	.010433	4.37	0.000	.0251261	.0660229
_cons	-1.71554	.0168504	-101.81	0.000	-1.748566	-1.682514

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79 . save, replace

file E:\16GBBACKUPUSB\BACKUP_USB_SEPTMBER2014\May Baydoun_folder\UK_BIOBANK_PROJECT\UKB_PAPER3_LE8INFECTDEM\DATA\UK

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83 . *****ALL INFECTIONS: TABLES 2 AND 3*****

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85 . capture log close