

Call:

```
svyglm(formula = flu.vacc ~ factor(sex) + factor(Age.gp) + factor(flu.vacc.ly) +  
  factor(UR6) + factor(SIMD5) + factor(charlson.gp) + factor(smoke.status) +  
  factor(remote_cons_only) + factor(nCons_hosp) + factor(nDays_Encounter_Gp) +  
  factor(CareHome_Social) + factor(Dementia) + factor(resp) +  
  factor(cardiac) + factor(renal) + factor(liver) + factor(neuro) +  
  factor(immuno) + factor(diab) + factor(repeat.pres.ly_gp) +  
  factor(pneumo.ever), design = cohort.training.svy, family = binomial)
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Survey design:

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svydesign(~UniquePatientId, data = cohort.training)
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Coefficients:

	Estimate	Std. Error	t value	Pr(> t )	
(Intercept)	-5.163396	0.089081	-57.963	< 2e-16	***
factor(sex)Male	0.032294	0.011342	2.847	0.004410	**
factor(Age.gp)5-14	0.325973	0.059112	5.514	3.50e-08	***
factor(Age.gp)15-44	0.187020	0.059994	3.117	0.001825	**
factor(Age.gp)45-64	0.951544	0.060094	15.834	< 2e-16	***
factor(Age.gp)65-74	2.778910	0.061131	45.458	< 2e-16	***
factor(Age.gp)75+	2.354741	0.061891	38.046	< 2e-16	***
factor(flu.vacc.ly)Yes	3.183722	0.014071	226.266	< 2e-16	***
factor(UR6)2	0.069301	0.015972	4.339	1.43e-05	***
factor(UR6)3	0.242218	0.022836	10.607	< 2e-16	***
factor(UR6)4	0.424048	0.040620	10.439	< 2e-16	***
factor(UR6)5	0.255765	0.022653	11.291	< 2e-16	***
factor(UR6)6	0.175151	0.029596	5.918	3.26e-09	***
factor(SIMD5)2	-0.027190	0.016198	-1.679	0.093231	.
factor(SIMD5)3	0.001886	0.017108	0.110	0.912207	
factor(SIMD5)4	-0.005225	0.017947	-0.291	0.770947	
factor(SIMD5)5	0.080094	0.018669	4.290	1.79e-05	***
factor(charlson.gp)1-2	0.501041	0.015800	31.712	< 2e-16	***
factor(charlson.gp)3-4	0.153466	0.028607	5.365	8.12e-08	***
factor(charlson.gp)>5	-0.242651	0.050073	-4.846	1.26e-06	***
factor(smoke.status)Ex	0.056231	0.014858	3.785	0.000154	***
factor(smoke.status)Non	-0.136418	0.013520	-10.090	< 2e-16	***
factor(smoke.status)Unknown	-0.778736	0.024544	-31.728	< 2e-16	***
factor(remote_cons_only)No consultations	-0.138234	0.065581	-2.108	0.035046	*
factor(remote_cons_only)Remote Cons only	0.008292	0.074263	0.112	0.911099	
factor(nCons_hosp)1	0.106073	0.016377	6.477	9.36e-11	***
factor(nCons_hosp)2	0.110790	0.028753	3.853	0.000117	***
factor(nCons_hosp)3	-0.018769	0.045639	-0.411	0.680899	
factor(nCons_hosp)4	0.005948	0.066145	0.090	0.928347	
factor(nCons_hosp)5	0.053042	0.089938	0.590	0.555350	
factor(nCons_hosp)6-10	0.037076	0.072040	0.515	0.606795	
factor(nCons_hosp)>10	0.155130	0.129528	1.198	0.231053	
factor(nDays_Encounter_Gp)1	0.160636	0.065726	2.444	0.014525	*
factor(nDays_Encounter_Gp)2	0.231544	0.066011	3.508	0.000452	***
factor(nDays_Encounter_Gp)3	0.297805	0.066347	4.489	7.17e-06	***
factor(nDays_Encounter_Gp)4	0.296494	0.066513	4.458	8.29e-06	***
factor(nDays_Encounter_Gp)5	0.335880	0.066917	5.019	5.19e-07	***
factor(nDays_Encounter_Gp)>5	0.430833	0.064938	6.634	3.26e-11	***
factor(CareHome_Social)1	0.741180	0.109467	6.771	1.28e-11	***
factor(Dementia)1	-0.073691	0.051375	-1.434	0.151471	
factor(resp)1	0.554444	0.017424	31.822	< 2e-16	***
factor(cardiac)1	0.277502	0.020332	13.648	< 2e-16	***
factor(renal)1	-0.036640	0.038149	-0.960	0.336823	
factor(liver)1	0.225042	0.055754	4.036	5.43e-05	***
factor(neuro)1	0.076495	0.025617	2.986	0.002826	**
factor(immuno)1	1.092630	0.071349	15.314	< 2e-16	***
factor(diab)1	0.681164	0.026429	25.773	< 2e-16	***
factor(repeat.pres.ly_gp)1	0.645068	0.016714	38.595	< 2e-16	***
factor(repeat.pres.ly_gp)2	0.983606	0.017648	55.734	< 2e-16	***
factor(repeat.pres.ly_gp)3	1.138363	0.019586	58.121	< 2e-16	***
factor(repeat.pres.ly_gp)4	1.208559	0.021634	55.865	< 2e-16	***
factor(repeat.pres.ly_gp)5	1.321132	0.023860	55.371	< 2e-16	***
factor(repeat.pres.ly_gp)6	1.361947	0.026786	50.845	< 2e-16	***
factor(repeat.pres.ly_gp)7	1.309643	0.029916	43.777	< 2e-16	***
factor(repeat.pres.ly_gp)8	1.348675	0.033608	40.130	< 2e-16	***
factor(repeat.pres.ly_gp)9	1.363557	0.037257	36.598	< 2e-16	***
factor(repeat.pres.ly_gp)10	1.352909	0.042095	32.140	< 2e-16	***
factor(repeat.pres.ly_gp)11-15	1.331225	0.032323	41.185	< 2e-16	***
factor(repeat.pres.ly_gp)>15	1.241235	0.053467	23.215	< 2e-16	***
factor(pneumo.ever)1	0.478901	0.017438	27.463	< 2e-16	***

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Signif. codes: 0 '\*\*\*' 0.001 '\*\*' 0.01 '\*' 0.05 '.' 0.1 ' ' 1

(Dispersion parameter for binomial family taken to be 0.7060592)

Number of Fisher Scoring iterations: 7