Model Information				
Data Set	WORK.PARAM			
Response Variable	dia			
Number of Response Levels	2			
Weight Variable	_weight_			
Model	binary logit			
Optimization Technique	Fisher's scoring			

Number of Observations Read	4741
Number of Observations Used	4311
Sum of Weights Read	4741
Sum of Weights Used	4311

Response Profile					
Ordered Value	dia	Total Frequency	Total Weight		
1	1	36	36.0000		
2	0	4275	4275.0000		

Probability modeled is dia=1.

Model Convergence Status

Quasi-complete separation of data points detected.

Analysis of Maximum Likelihood Estimates					
Parameter	DF	Estimate	Standard Error	Wald Chi-Square	Pr > ChiSq
Intercept	1	-3.7345	1.2564	8.8355	0.0030
baseage	1	-0.0245	0.0233	1.1037	0.2935
time_1	1	-0.1027	0.7639	0.0181	0.8931
time_2	1	-0.1253	0.6822	0.0338	0.8542
time_3	1	-0.4261	0.9468	0.2025	0.6527
time_4	1	-1.1907	0.8082	2.1706	0.1407
time_5	1	-0.0748	0.5895	0.0161	0.8990
hbp	1	-0.1514	1.2405	0.0149	0.9029
tshbp_inter	1	0.4215	0.8073	0.2726	0.6016
tshbp_inter_spl1	1	-0.8513	4.3508	0.0383	0.8449
tshbp_inter_spl2	1	0.8864	7.8621	0.0127	0.9102
act	1	-0.0577	0.0646	0.7978	0.3718
act_ti	1	-6.9049	7.0986	0.9462	0.3307

Warning: The validity of the model fit is questionable.

Analysis of Maximum Likelihood Estimates					
Parameter	DF	Estimate	Standard Error	Wald Chi-Square	Pr > ChiSq
acts	1	0.00286	0.00283	1.0262	0.3111
acts_ti	1	0.2459	0.2533	0.9428	0.3316
actc	1	-0.00003	0.000031	1.0688	0.3012
actc_ti	1	-0.00218	0.00226	0.9299	0.3349

Model Information			
Data Set	WORK.PARAM		
Response Variable	hbp		
Number of Response Levels	2		
Weight Variable	_weight_		
Model	binary logit		
Optimization Technique	Fisher's scoring		

Number of Observations Read	1386
Number of Observations Used	1386
Sum of Weights Read	1386
Sum of Weights Used	1386

Response Profile				
Ordered Value	hbp	Total Frequency	Total Weight	
1	1	267	267.0000	
2	0	1119	1119.0000	

Probability modeled is hbp=1.

Model Convergence Status

Analysis of Maximum Likelihood Estimates						
Parameter	DF	Estimate	Standard Error	Wald Chi-Square	Pr > ChiSq	
Intercept	1	-1.4382	0.5033	8.1641	0.0043	
baseage	1	-0.00622	0.00911	0.4667	0.4945	
time_1	0	0				
time_2	1	0.0856	0.2636	0.1053	0.7455	
time_3	1	0.1038	0.2724	0.1454	0.7030	
time_4	1	0.6044	0.3687	2.6877	0.1011	
time_5	1	0.0752	0.3076	0.0598	0.8068	
act_l1	1	0.0145	0.0185	0.6144	0.4331	
act_l1_ti	1	-0.0670	0.0499	1.8018	0.1795	
acts_l1	1	-0.00029	0.000623	0.2239	0.6361	
acts_l1_ti	1	0.00295	0.00206	2.0523	0.1520	
actc_l1	1	1.481E-6	5.31E-6	0.0778	0.7803	
actc_l1_ti	1	-0.00003	0.000021	2.0610	0.1511	

Model Information			
Data Set	WORK.PARAM		
Response Variable	zact		
Number of Response Levels	2		
Weight Variable	_weight_		
Model	binary logit		
Optimization Technique	Fisher's scoring		

Number of Observations Read	2927
Number of Observations Used	2927
Sum of Weights Read	2927
Sum of Weights Used	2927

Response Profile				
Ordered Value	zact	Total Frequency	Total Weight	
1	1	2067	2067.0000	
2	0	860	860.0000	

Probability modeled is zact=1.

Model Convergence Status

An	alysis	of Maximu	m Likelihoo	d Estimates		
Parameter	DF	Estimate	Standard Error	Wald Chi-Square	Pr > ChiSq	
Intercept	1	0.8560	0.3014	8.0678	0.0045	
baseage	1	0.00494	0.00557	0.7891	0.3744	
time_1	0	0				
time_2	1	-0.0838	0.1506	0.3099	0.5778	
time_3	0	0				
time_4	1	-0.4141	0.2069	4.0033	0.0454	
time_5	1	-0.0859	0.1420	0.3656	0.5454	
hbp	1	-0.4895	0.3404	2.0681	0.1504	
tshbp_inter	1	0.1937	0.2016	0.9227	0.3368	
tshbp_inter_spl1	1	-0.3290	1.0172	0.1046	0.7464	
tshbp_inter_spl2	1	0.2580	1.8122	0.0203	0.8868	
act_l1	1	-0.0194	0.0123	2.5086	0.1132	
act_l1_ti	1	0.0430	0.0236	3.3346	0.0678	

Analysis of Maximum Likelihood Estimates										
Parameter	Standa Estimate Err		Wald Chi-Square	Pr > ChiSq						
acts_l1	1	0.000844	0.000446	3.5917	0.0581					
acts_l1_ti	1	-0.00170	0.000860	3.8955	0.0484					
actc_l1	1	-8E-6	3.994E-6	4.0067	0.0453					
actc_l1_ti	1	0.000016	7.874E-6	4.0041	0.0454					

The REG Procedure Model: MODEL1 **Dependent Variable: lact**

Number of Observations Read	2067
Number of Observations Used	2067

Root MSE	0.39882	R-Square	0.0062
Dependent Mean	3.47455	Adj R-Sq	-0.0006
Coeff Var	11.47832		

Parameter Estimates									
Variable	DF	Parameter Estimate	Standard Error	t Value	Pr > t				
Intercept	1	3.38686	0.06450	52.51	<.0001				
baseage	1	0.00106	0.00121	0.88	0.3771				
time_1	0	0							
time_2	1	0.02249	0.03154	0.71	0.4760				
time_3	0	0							
time_4	1	0.03219	0.04532	0.71	0.4777				
time_5	1	-0.00347	0.02973	-0.12	0.9072				
hbp	1	0.07013	0.07801	0.90	0.3688				
tshbp_inter	1	-0.03954	0.04565	-0.87	0.3865				
tshbp_inter_spl1	1	0.21973	0.22557	0.97	0.3301				
tshbp_inter_spl2	1	-0.39821	0.40002	-1.00	0.3196				
act_l1	1	0.00473	0.00269	1.76	0.0789				
act_l1_ti	1	0.00203	0.00461	0.44	0.6599				
acts_l1	1	-0.00016616	0.00009961	-1.67	0.0954				
acts_l1_ti	1	-0.00007604	0.00015336	-0.50	0.6201				
actc_l1	1	0.00000148	9.215827E-7	1.60	0.1090				
actc_l1_ti	1	3.530963E-7	0.0000130	0.27	0.7853				

Variable	Mean	Minimum	Maximum
pd	0.0516	0.016808	0.196
sdia1	0.0078	0.000005	0.015
sdia2	0.0099	0.000000	0.022
sdia3	0.0046	0.000000	0.133
sdia4	0.0045	0.000000	0.010
sdia5	0.0131	0.000000	0.027
sdia6	0.0128	0.000022	0.030
intervened	0.0000	0.000000	0.000
averinterv	0.0000	0.000000	0.000
shbp1	0.4760	0.000000	1.000
ncshbp1	0.4760	0.000000	1.000
shbp2	0.5790	0.000000	1.000
ncshbp2	0.5741	0.000000	1.000
shbp3	0.6610	0.000000	1.000
ncshbp3	0.6480	0.000000	0.996
shbp4	0.7500	0.000000	1.000
ncshbp4	0.7318	0.000000	0.996
shbp5	0.7900	0.000000	1.000
ncshbp5	0.7673	0.000000	0.993
shbp6	0.8230	0.000000	1.000
ncshbp6	0.7881	0.000000	0.985
sact1	24.2730	0.000000	96.000
ncsact1	24.2730	0.000000	96.000
sact2	25.1364	0.000000	110.000
ncsact2	24.9383	0.000000	108.822
sact3	25.1364	0.000000	110.000
ncsact3	24.6898	0.000000	108.822
sact4	24.1935	0.000000	110.000
ncsact4	23.6639	0.000000	108.121
sact5	24.3796	0.000000	106.239
ncsact5	23.7354	0.000000	103.685
sact6	24.1813	0.000000	92.947
ncsact6	23.2521	0.000000	91.092

Variable	Mean	Minimum	Maximum
pd	0.0510	0.0146	0.194
sdia1	0.0080	0.0000	0.015
sdia2	0.0102	0.0000	0.022
sdia3	0.0019	0.0000	0.133
sdia4	0.0046	0.0000	0.010
sdia5	0.0138	0.0000	0.028
sdia6	0.0136	0.0000	0.029
intervened	0.9920	0.0000	1.000
averinterv	0.4883	0.0000	0.833
shbp1	0.4760	0.0000	1.000
shbp2	0.5770	0.0000	1.000
shbp3	0.6530	0.0000	1.000
shbp4	0.7640	0.0000	1.000
shbp5	0.8180	0.0000	1.000
shbp6	0.8470	0.0000	1.000
sact1	35.7700	30.0000	96.000
sact2	36.5465	30.0000	110.000
sact3	36.5465	30.0000	110.000
sact4	35.9001	30.0000	104.276
sact5	35.5096	30.0000	110.000
sact6	35.6210	30.0000	109.105

Variable	Mean	Minimum	Maximum
pd	0.0510	0.0146	0.194
sdia1	0.0080	0.0000	0.015
sdia2	0.0102	0.0000	0.022
sdia3	0.0019	0.0000	0.133
sdia4	0.0046	0.0000	0.010
sdia5	0.0138	0.0000	0.028
sdia6	0.0136	0.0000	0.029
intervened	0.9920	0.0000	1.000
averinterv	0.5860	0.0000	1.000
shbp1	0.4760	0.0000	1.000
shbp2	0.5770	0.0000	1.000
shbp3	0.6530	0.0000	1.000
shbp4	0.7640	0.0000	1.000
shbp5	0.8180	0.0000	1.000
shbp6	0.8470	0.0000	1.000
sact1	35.7700	30.0000	96.000
sact2	36.5465	30.0000	110.000
sact3	36.5465	30.0000	110.000
sact4	35.9001	30.0000	104.276
sact5	35.5096	30.0000	110.000
sact6	35.6210	30.0000	109.105

13:00 Friday, September 2, 2022 **10**

PREDICTED RISK UNDER SEVERAL INTERVENTIONS

Interv.	Description
0	Natural course
1	All subjects exercise at least 30 all intervals
2	All subjects exercise at least 30 except at 2

Interv.	Risk (%)	Lower limit 95% CI	Upper limit 95% CI	Risk ratio	Lower limit 95% CI	Upper limit 95% CI	Bootstrap Risk Mean	Bootstrap Risk SE	% Intervened On	Aver % Intervened On
0	5.16			1.00					0.0	0.00
1	5.10			0.99					99.2	48.83
2	5.10			0.99					99.2	58.60

Interv.	Risk (%)	Lower limit 95% CI	Upper limit 95% CI	Risk difference	Lower limit 95% CI	Upper limit 95% CI	# Needed to Treat	Lower limit 95% CI	Upper limit 95% CI
0	5.16			0.00					
1	5.10			-0.06			-1627		
2	5.10			-0.06			-1627		

RESTRICTED MEAN SURVIVAL TIME AFTER 6 TIME POINTS

int	Restricted mean survival time	Lower limit 95% CI	Upper limit 95% CI	Restricted mean survival time difference	Lower limit 95% CI	Upper limit 95% CI
0	5.843			.000		
1	5.849			.006		
2	5.849			.006		

Model Information			
Data Set	WORK.PARAM		
Response Variable	dia		
Number of Response Levels	2		
Weight Variable	_weight_		
Model	binary logit		
Optimization Technique	Fisher's scoring		

Number of Observations Read	4741
Number of Observations Used	4311
Sum of Weights Read	4741
Sum of Weights Used	4311

Response Profile					
Ordered Value	dia	Total Frequency	Total Weight		
1	1	36	36.0000		
2	0	4275	4275.0000		

Probability modeled is dia=1.

Model Convergence Status

Quasi-complete separation of data points detected.

Analysis of Maximum Likelihood Estimates					
Parameter	DF	Estimate	Standard Error	Wald Chi-Square	Pr > ChiSq
Intercept	1	-3.7345	1.2564	8.8355	0.0030
baseage	1	-0.0245	0.0233	1.1037	0.2935
time_1	1	-0.1027	0.7639	0.0181	0.8931
time_2	1	-0.1253	0.6822	0.0338	0.8542
time_3	1	-0.4261	0.9468	0.2025	0.6527
time_4	1	-1.1907	0.8082	2.1706	0.1407
time_5	1	-0.0748	0.5895	0.0161	0.8990
hbp	1	-0.1514	1.2405	0.0149	0.9029
tshbp_inter	1	0.4215	0.8073	0.2726	0.6016
tshbp_inter_spl1	1	-0.8513	4.3508	0.0383	0.8449
tshbp_inter_spl2	1	0.8864	7.8621	0.0127	0.9102
act	1	-0.0577	0.0646	0.7978	0.3718
act_ti	1	-6.9049	7.0986	0.9462	0.3307

Warning: The validity of the model fit is questionable.

Analysis of Maximum Likelihood Estimates					
Parameter	DF	Estimate	Standard Error	Wald Chi-Square	Pr > ChiSq
acts	1	0.00286	0.00283	1.0262	0.3111
acts_ti	1	0.2459	0.2533	0.9428	0.3316
actc	1	-0.00003	0.000031	1.0688	0.3012
actc_ti	1	-0.00218	0.00226	0.9299	0.3349

Model Information		
Data Set	WORK.PARAM	
Response Variable	hbp	
Number of Response Levels	2	
Weight Variable	_weight_	
Model	binary logit	
Optimization Technique	Fisher's scoring	

Number of Observations Read	1386
Number of Observations Used	1386
Sum of Weights Read	1386
Sum of Weights Used	1386

Response Profile				
Ordered Value	hbp	Total Frequency	Total Weight	
1	1	267	267.0000	
2	0	1119	1119.0000	

Probability modeled is hbp=1.

Model Convergence Status

Analysis of Maximum Likelihood Estimates						
Parameter	DF	Estimate	Standard Error	Wald Chi-Square	Pr > ChiSq	
Intercept	1	-1.4382	0.5033	8.1641	0.0043	
baseage	1	-0.00622	0.00911	0.4667	0.4945	
time_1	0	0				
time_2	1	0.0856	0.2636	0.1053	0.7455	
time_3	1	0.1038	0.2724	0.1454	0.7030	
time_4	1	0.6044	0.3687	2.6877	0.1011	
time_5	1	0.0752	0.3076	0.0598	0.8068	
act_l1	1	0.0145	0.0185	0.6144	0.4331	
act_l1_ti	1	-0.0670	0.0499	1.8018	0.1795	
acts_l1	1	-0.00029	0.000623	0.2239	0.6361	
acts_l1_ti	1	0.00295	0.00206	2.0523	0.1520	
actc_l1	1	1.481E-6	5.31E-6	0.0778	0.7803	
actc_l1_ti	1	-0.00003	0.000021	2.0610	0.1511	

Model Information		
Data Set	WORK.PARAM	
Response Variable	zact	
Number of Response Levels	2	
Weight Variable	_weight_	
Model	binary logit	
Optimization Technique	Fisher's scoring	

Number of Observations Read	2927
Number of Observations Used	2927
Sum of Weights Read	2927
Sum of Weights Used	2927

Response Profile					
Ordered Value	zact	Total Frequency	Total Weight		
1	1	2067	2067.0000		
2	0	860	860.0000		

Probability modeled is zact=1.

Model Convergence Status

Analysis of Maximum Likelihood Estimates										
Parameter	DF	Estimate	Standard Error	Wald Chi-Square	Pr > ChiSq					
Intercept	1	0.8560	0.3014	8.0678	0.0045					
baseage	1	0.00494	0.00557	0.7891	0.3744					
time_1	0	0								
time_2	1	-0.0838	0.1506	0.3099	0.5778					
time_3	0	0								
time_4	1	-0.4141	0.2069	4.0033	0.0454					
time_5	1	-0.0859	0.1420	0.3656	0.5454					
hbp	1	-0.4895	0.3404	2.0681	0.1504					
tshbp_inter	1	0.1937	0.2016	0.9227	0.3368					
tshbp_inter_spl1	1	-0.3290	1.0172	0.1046	0.7464					
tshbp_inter_spl2	1	0.2580	1.8122	0.0203	0.8868					
act_l1	1	-0.0194	0.0123	2.5086	0.1132					
act_l1_ti	1	0.0430	0.0236	3.3346	0.0678					

Analysis of Maximum Likelihood Estimates									
Parameter DF Estimate Standard Wald Chi-Square Pr > Chi									
acts_l1	1	0.000844	0.000446	3.5917	0.0581				
acts_l1_ti	1	-0.00170	0.000860	3.8955	0.0484				
actc_l1	1	-8E-6	3.994E-6	4.0067	0.0453				
actc_l1_ti	1	0.000016	7.874E-6	4.0041	0.0454				

The REG Procedure Model: MODEL1 **Dependent Variable: lact**

Number of Observations Read	2067
Number of Observations Used	2067

Root MSE	0.39882	R-Square	0.0062
Dependent Mean	3.47455	Adj R-Sq	-0.0006
Coeff Var	11.47832		

Parameter Estimates									
Variable	DF	Parameter Estimate	Standard Error	t Value	Pr > t				
Intercept	1	3.38686	0.06450	52.51	<.0001				
baseage	1	0.00106	0.00121	0.88	0.3771				
time_1	0	0							
time_2	1	0.02249	0.03154	0.71	0.4760				
time_3	0	0							
time_4	1	0.03219	0.04532	0.71	0.4777				
time_5	1	-0.00347	0.02973	-0.12	0.9072				
hbp	1	0.07013	0.07801	0.90	0.3688				
tshbp_inter	1	-0.03954	0.04565	-0.87	0.3865				
tshbp_inter_spl1	1	0.21973	0.22557	0.97	0.3301				
tshbp_inter_spl2	1	-0.39821	0.40002	-1.00	0.3196				
act_l1	1	0.00473	0.00269	1.76	0.0789				
act_l1_ti	1	0.00203	0.00461	0.44	0.6599				
acts_l1	1	-0.00016616	0.00009961	-1.67	0.0954				
acts_l1_ti	1	-0.00007604	0.00015336	-0.50	0.6201				
actc_l1	1	0.00000148	9.215827E-7	1.60	0.1090				
actc_l1_ti	1	3.530963E-7	0.00000130	0.27	0.7853				

Variable	Mean	Minimum	Maximum
pd	0.0516	0.016808	0.196
sdia1	0.0078	0.000005	0.015
sdia2	0.0099	0.000000	0.022
sdia3	0.0046	0.000000	0.133
sdia4	0.0045	0.000000	0.010
sdia5	0.0131	0.000000	0.027
sdia6	0.0128	0.000022	0.030
intervened	0.0000	0.000000	0.000
averinterv	0.0000	0.000000	0.000
shbp1	0.4760	0.000000	1.000
ncshbp1	0.4760	0.000000	1.000
shbp2	0.5790	0.000000	1.000
ncshbp2	0.5741	0.000000	1.000
shbp3	0.6610	0.000000	1.000
ncshbp3	0.6480	0.000000	0.996
shbp4	0.7500	0.000000	1.000
ncshbp4	0.7318	0.000000	0.996
shbp5	0.7900	0.000000	1.000
ncshbp5	0.7673	0.000000	0.993
shbp6	0.8230	0.000000	1.000
ncshbp6	0.7881	0.000000	0.985
sact1	24.2730	0.000000	96.000
ncsact1	24.2730	0.000000	96.000
sact2	25.1364	0.000000	110.000
ncsact2	24.9383	0.000000	108.822
sact3	25.1364	0.000000	110.000
ncsact3	24.6898	0.000000	108.822
sact4	24.1935	0.000000	110.000
ncsact4	23.6639	0.000000	108.121
sact5	24.3796	0.000000	106.239
ncsact5	23.7354	0.000000	103.685
sact6	24.1813	0.000000	92.947
ncsact6	23.2521	0.000000	91.092

Variable	Mean	Minimum	Maximum
pd	0.0510	0.0146	0.194
sdia1	0.0080	0.0000	0.015
sdia2	0.0102	0.0000	0.022
sdia3	0.0019	0.0000	0.133
sdia4	0.0046	0.0000	0.010
sdia5	0.0138	0.0000	0.028
sdia6	0.0136	0.0000	0.029
intervened	0.9920	0.0000	1.000
averinterv	0.5812	0.0000	1.000
shbp1	0.4760	0.0000	1.000
shbp2	0.5770	0.0000	1.000
shbp3	0.6530	0.0000	1.000
shbp4	0.7640	0.0000	1.000
shbp5	0.8180	0.0000	1.000
shbp6	0.8470	0.0000	1.000
sact1	35.7700	30.0000	96.000
sact2	36.5465	30.0000	110.000
sact3	36.5465	30.0000	110.000
sact4	35.9001	30.0000	104.276
sact5	35.5096	30.0000	110.000
sact6	35.6210	30.0000	109.105

Variable	Mean	Minimum	Maximum
pd	0.0510	0.0146	0.194
sdia1	0.0080	0.0000	0.015
sdia2	0.0102	0.0000	0.022
sdia3	0.0019	0.0000	0.133
sdia4	0.0046	0.0000	0.010
sdia5	0.0138	0.0000	0.028
sdia6	0.0136	0.0000	0.029
intervened	0.9920	0.0000	1.000
averinterv	0.5860	0.0000	1.000
shbp1	0.4760	0.0000	1.000
shbp2	0.5770	0.0000	1.000
shbp3	0.6530	0.0000	1.000
shbp4	0.7640	0.0000	1.000
shbp5	0.8180	0.0000	1.000
shbp6	0.8470	0.0000	1.000
sact1	35.7700	30.0000	96.000
sact2	36.5465	30.0000	110.000
sact3	36.5465	30.0000	110.000
sact4	35.9001	30.0000	104.276
sact5	35.5096	30.0000	110.000
sact6	35.6210	30.0000	109.105

Interv.	Description
0	Natural course
1	All subjects exercise at least 30 all intervals
2	All subjects exercise at least 30 except at 2

Interv.	Risk (%)	Lower limit 95% CI	Upper limit 95% CI	Risk ratio	Lower limit 95% CI	Upper limit 95% CI	Bootstrap Risk Mean	Bootstrap Risk SE	% Intervened On	Aver % Intervened On
0	5.16			1.00					0.0	0.00
1	5.10			0.99					99.2	58.12
2	5.10			0.99					99.2	58.60

Interv.	Risk (%)	Lower limit 95% CI	Upper limit 95% CI	Risk difference	Lower limit 95% CI	Upper limit 95% CI	# Needed to Treat	Lower limit 95% CI	Upper limit 95% CI
0	5.16			0.00					
1	5.10			-0.06			-1627		
2	5.10			-0.06			-1627		

RESTRICTED MEAN SURVIVAL TIME AFTER 6 TIME POINTS

int	Restricted mean survival time	Lower limit 95% CI	Upper limit 95% CI	Restricted mean survival time difference	Lower limit 95% CI	Upper limit 95% CI
0	5.843			.000		
1	5.849			.006		
2	5.849			.006		