

Part 1.1: Compare the effect of pAI vs pAN on Bp1

The GLIMMIX Procedure

Model Information	
Data Set	WORK.DAT1
Response Variable	Bp1
Response Distribution	Gaussian
Link Function	Identity
Variance Function	Default
Variance Matrix	Not blocked
Estimation Technique	Restricted Maximum Likelihood
Degrees of Freedom Method	Containment

Class Level Information		
Class	Levels	Values
Beagle	8	A B C D E F G H
Time	4	Baseline imm post 10 min 20 min
Method	2	non-inva invasive
Protocol	2	pAN pAI

Number of Observations Read	64
Number of Observations Used	63

Dimensions	
G-side Cov. Parameters	1
R-side Cov. Parameters	1
Columns in X	15
Columns in Z	8
Subjects (Blocks in V)	1
Max Obs per Subject	63

Optimization Information	
Optimization Technique	Dual Quasi-Newton
Parameters in Optimization	1
Lower Boundaries	1
Upper Boundaries	0
Fixed Effects	Profiled
Residual Variance	Profiled
Starting From	Data

Part 1.1: Compare the effect of pAI vs pAN on Bp1

The GLIMMIX Procedure

Iteration History					
Iteration	Restarts	Evaluations	Objective Function	Change	Max Gradient
0	0	4	454.00980138	.	0.911747
1	0	3	453.99564973	0.01415165	0.507862
2	0	2	453.98412602	0.01152371	0.090123
3	0	2	453.98380389	0.00032213	0.011578
4	0	2	453.98379864	0.00000525	0.000226
5	0	2	453.98379864	0.00000000	5.551E-7

Convergence criterion (GCONV=1E-8) satisfied.

Fit Statistics	
-2 Res Log Likelihood	453.98
AIC (smaller is better)	457.98
AICC (smaller is better)	458.21
BIC (smaller is better)	458.14
CAIC (smaller is better)	460.14
HQIC (smaller is better)	456.91
Generalized Chi-Square	7400.69
Gener. Chi-Square / DF	134.56

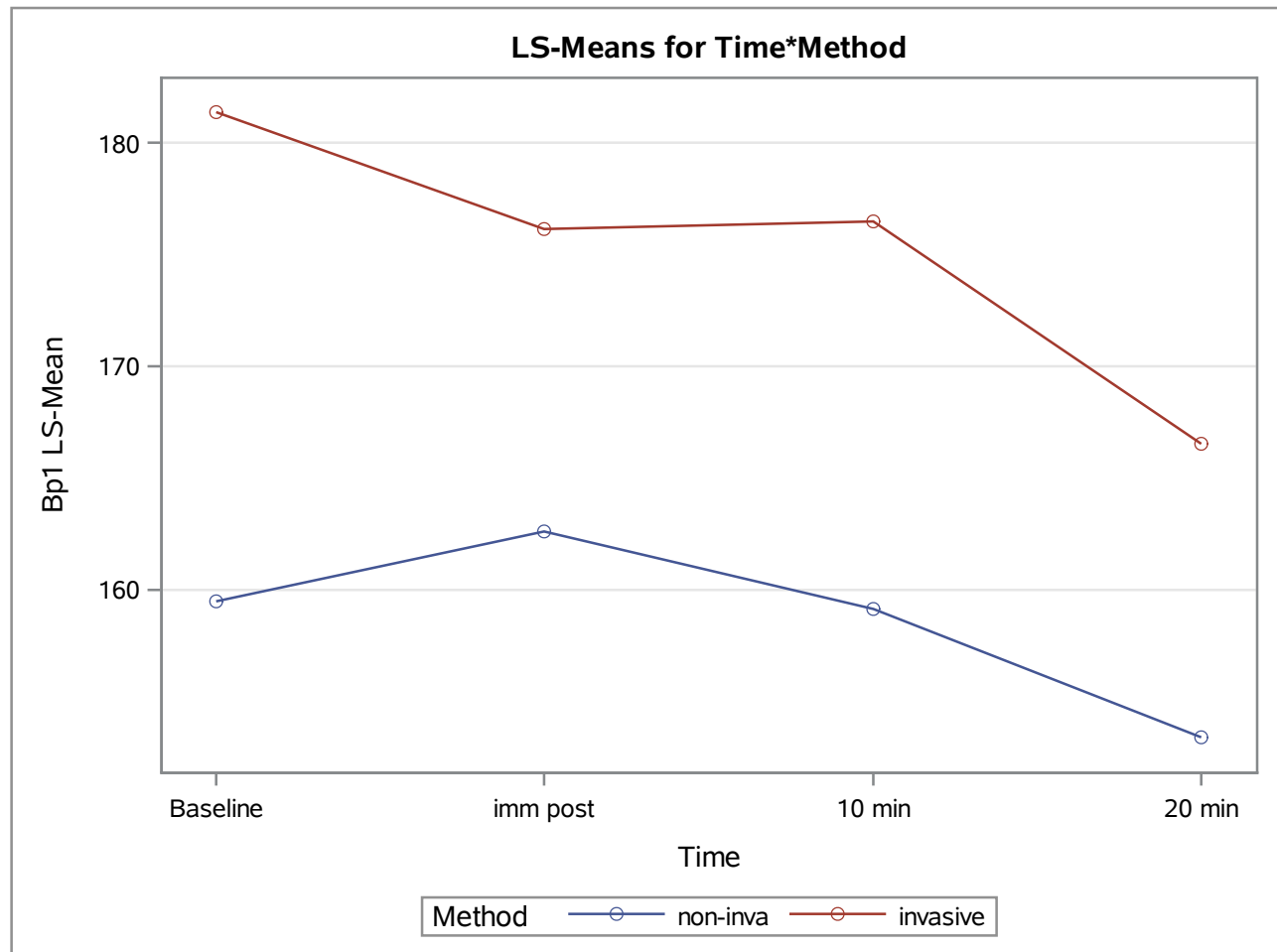
Covariance Parameter Estimates		
Cov Parm	Estimate	Standard Error
Beagle	75.2054	49.9118
Residual	134.56	27.4989

Type III Tests of Fixed Effects				
Effect	Num DF	Den DF	F Value	Pr > F
Method	1	48	31.67	<.0001
Time	3	48	2.67	0.0580
Time*Method	3	48	0.49	0.6932

Part 1.1: Compare the effect of pAI vs pAN on Bp1

The GLIMMIX Procedure

Time*Method Least Squares Means						
Time	Method	Estimate	Standard Error	DF	t Value	Pr > t
Baseline	non-inva	159.50	5.1206	48	31.15	<.0001
Baseline	invasive	181.38	5.1206	48	35.42	<.0001
imm post	non-inva	162.58	5.3756	48	30.24	<.0001
imm post	invasive	176.13	5.1206	48	34.40	<.0001
10 min	non-inva	159.13	5.1206	48	31.08	<.0001
10 min	invasive	176.50	5.1206	48	34.47	<.0001
20 min	non-inva	153.38	5.1206	48	29.95	<.0001
20 min	invasive	166.50	5.1206	48	32.52	<.0001



Part 1.1: Compare the effect of pAI vs pAN on Bp1

The GLIMMIX Procedure

Simple Effect Comparisons of Time*Method Least Squares Means By Time							
Simple Effect Level	Method	_Method	Estimate	Standard Error	DF	t Value	Pr > t
Time Baseline	non-inva	invasive	-21.8750	5.8000	48	-3.77	0.0004
Time imm post	non-inva	invasive	-13.5497	6.0263	48	-2.25	0.0292
Time 10 min	non-inva	invasive	-17.3750	5.8000	48	-3.00	0.0043
Time 20 min	non-inva	invasive	-13.1250	5.8000	48	-2.26	0.0282

Part 1.2: Compare the effect of pAI vs pAN on Bp2

The GLIMMIX Procedure

Model Information	
Data Set	WORK.DAT1
Response Variable	Bp2
Response Distribution	Gaussian
Link Function	Identity
Variance Function	Default
Variance Matrix	Not blocked
Estimation Technique	Restricted Maximum Likelihood
Degrees of Freedom Method	Containment

Class Level Information		
Class	Levels	Values
Beagle	8	A B C D E F G H
Time	4	Baseline imm post 10 min 20 min
Method	2	non-inva invasive
Protocol	2	pAN pAI

Number of Observations Read	64
Number of Observations Used	63

Dimensions	
G-side Cov. Parameters	1
R-side Cov. Parameters	1
Columns in X	15
Columns in Z	8
Subjects (Blocks in V)	1
Max Obs per Subject	63

Optimization Information	
Optimization Technique	Dual Quasi-Newton
Parameters in Optimization	1
Lower Boundaries	1
Upper Boundaries	0
Fixed Effects	Profiled
Residual Variance	Profiled
Starting From	Data

Part 1.2: Compare the effect of pAI vs pAN on Bp2

The GLIMMIX Procedure

Iteration History					
Iteration	Restarts	Evaluations	Objective Function	Change	Max Gradient
0	0	4	417.68991154	.	0.798625
1	0	4	417.67331542	0.01659612	0.022896
2	0	2	417.67329921	0.00001621	0.002938
3	0	2	417.67329894	0.00000027	0.000013

Convergence criterion (GCONV=1E-8) satisfied.

Fit Statistics	
-2 Res Log Likelihood	417.67
AIC (smaller is better)	421.67
AICC (smaller is better)	421.90
BIC (smaller is better)	421.83
CAIC (smaller is better)	423.83
HQIC (smaller is better)	420.60
Generalized Chi-Square	3880.05
Gener. Chi-Square / DF	70.55

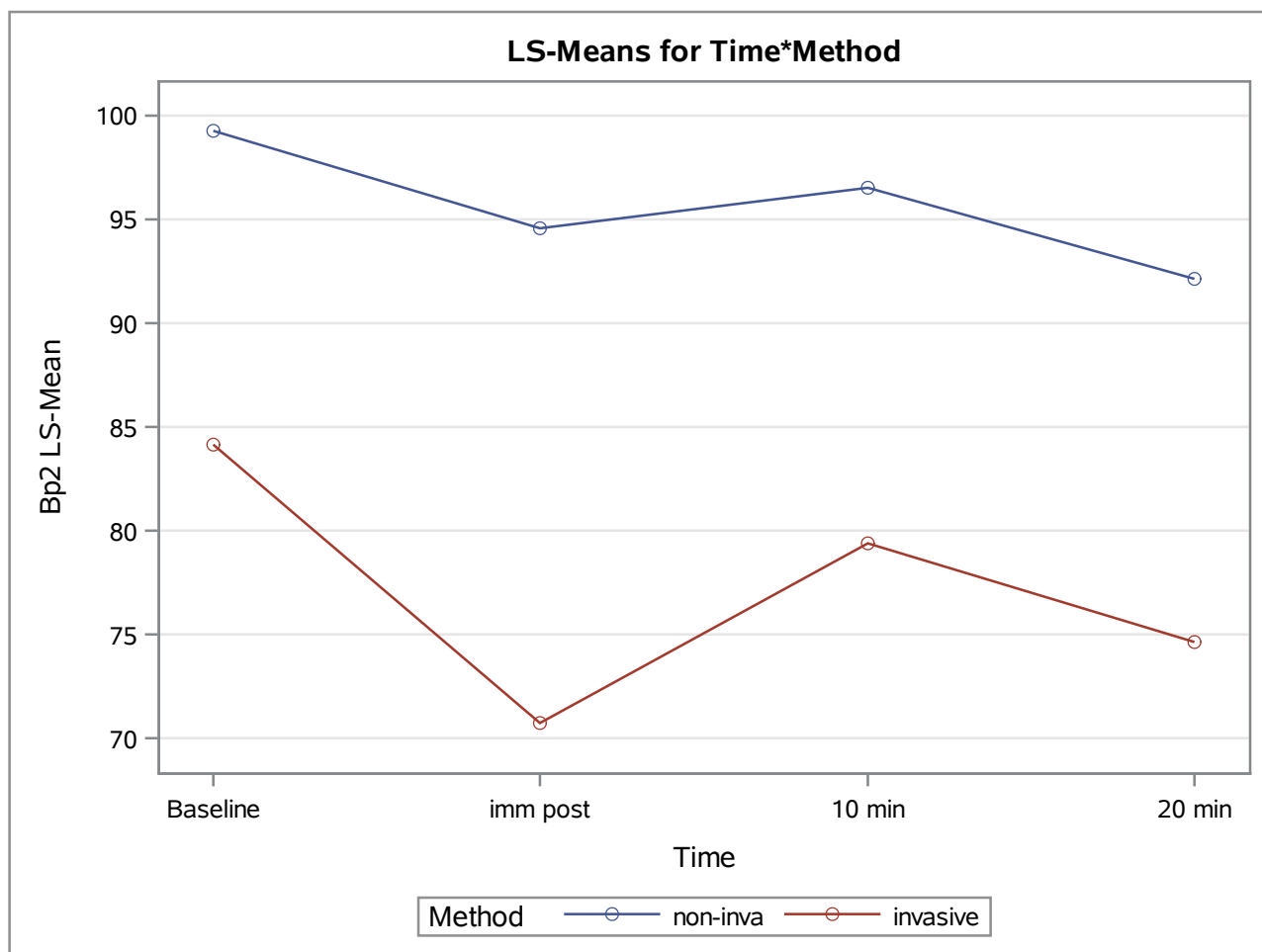
Covariance Parameter Estimates		
Cov Parm	Estimate	Standard Error
Beagle	34.2266	23.3614
Residual	70.5463	14.4163

Type III Tests of Fixed Effects				
Effect	Num DF	Den DF	F Value	Pr > F
Method	1	48	75.29	<.0001
Time	3	48	3.95	0.0134
Time*Method	3	48	0.77	0.5176

Part 1.2: Compare the effect of pAI vs pAN on Bp2

The GLIMMIX Procedure

Time*Method Least Squares Means						
Time	Method	Estimate	Standard Error	DF	t Value	Pr > t
Baseline	non-inva	99.2500	3.6189	48	27.43	<.0001
Baseline	invasive	84.1250	3.6189	48	23.25	<.0001
imm post	non-inva	94.5992	3.8073	48	24.85	<.0001
imm post	invasive	70.7500	3.6189	48	19.55	<.0001
10 min	non-inva	96.5000	3.6189	48	26.67	<.0001
10 min	invasive	79.3750	3.6189	48	21.93	<.0001
20 min	non-inva	92.1250	3.6189	48	25.46	<.0001
20 min	invasive	74.6250	3.6189	48	20.62	<.0001



Part 1.2: Compare the effect of pAI vs pAN on Bp2

The GLIMMIX Procedure

Simple Effect Comparisons of Time*Method Least Squares Means By Time							
Simple Effect Level	Method	_Method	Estimate	Standard Error	DF	t Value	Pr > t
Time Baseline	non-inva	invasive	15.1250	4.1996	48	3.60	0.0007
Time imm post	non-inva	invasive	23.8492	4.3630	48	5.47	<.0001
Time 10 min	non-inva	invasive	17.1250	4.1996	48	4.08	0.0002
Time 20 min	non-inva	invasive	17.5000	4.1996	48	4.17	0.0001

Part 1.3: Compare the effect of pAI vs pAN on Bpm

The GLIMMIX Procedure

Model Information	
Data Set	WORK.DAT1
Response Variable	Bpm
Response Distribution	Gaussian
Link Function	Identity
Variance Function	Default
Variance Matrix	Not blocked
Estimation Technique	Restricted Maximum Likelihood
Degrees of Freedom Method	Containment

Class Level Information		
Class	Levels	Values
Beagle	8	A B C D E F G H
Time	4	Baseline imm post 10 min 20 min
Method	2	non-inva invasive
Protocol	2	pAN pAI

Number of Observations Read	64
Number of Observations Used	63

Dimensions	
G-side Cov. Parameters	1
R-side Cov. Parameters	1
Columns in X	15
Columns in Z	8
Subjects (Blocks in V)	1
Max Obs per Subject	63

Optimization Information	
Optimization Technique	Dual Quasi-Newton
Parameters in Optimization	1
Lower Boundaries	1
Upper Boundaries	0
Fixed Effects	Profiled
Residual Variance	Profiled
Starting From	Data

Part 1.3: Compare the effect of pAI vs pAN on Bpm

The GLIMMIX Procedure

Iteration History					
Iteration	Restarts	Evaluations	Objective Function	Change	Max Gradient
0	0	4	437.21543942	.	1.127241
1	0	3	437.19720779	0.01823162	0.618066
2	0	2	437.18170401	0.01550378	0.126363
3	0	2	437.18113757	0.00056644	0.019321
4	0	2	437.18112456	0.00001301	0.000504
5	0	2	437.18112455	0.00000001	1.944E-6

Convergence criterion (GCONV=1E-8) satisfied.

Fit Statistics	
-2 Res Log Likelihood	437.18
AIC (smaller is better)	441.18
AICC (smaller is better)	441.41
BIC (smaller is better)	441.34
CAIC (smaller is better)	443.34
HQIC (smaller is better)	440.11
Generalized Chi-Square	5493.64
Gener. Chi-Square / DF	99.88

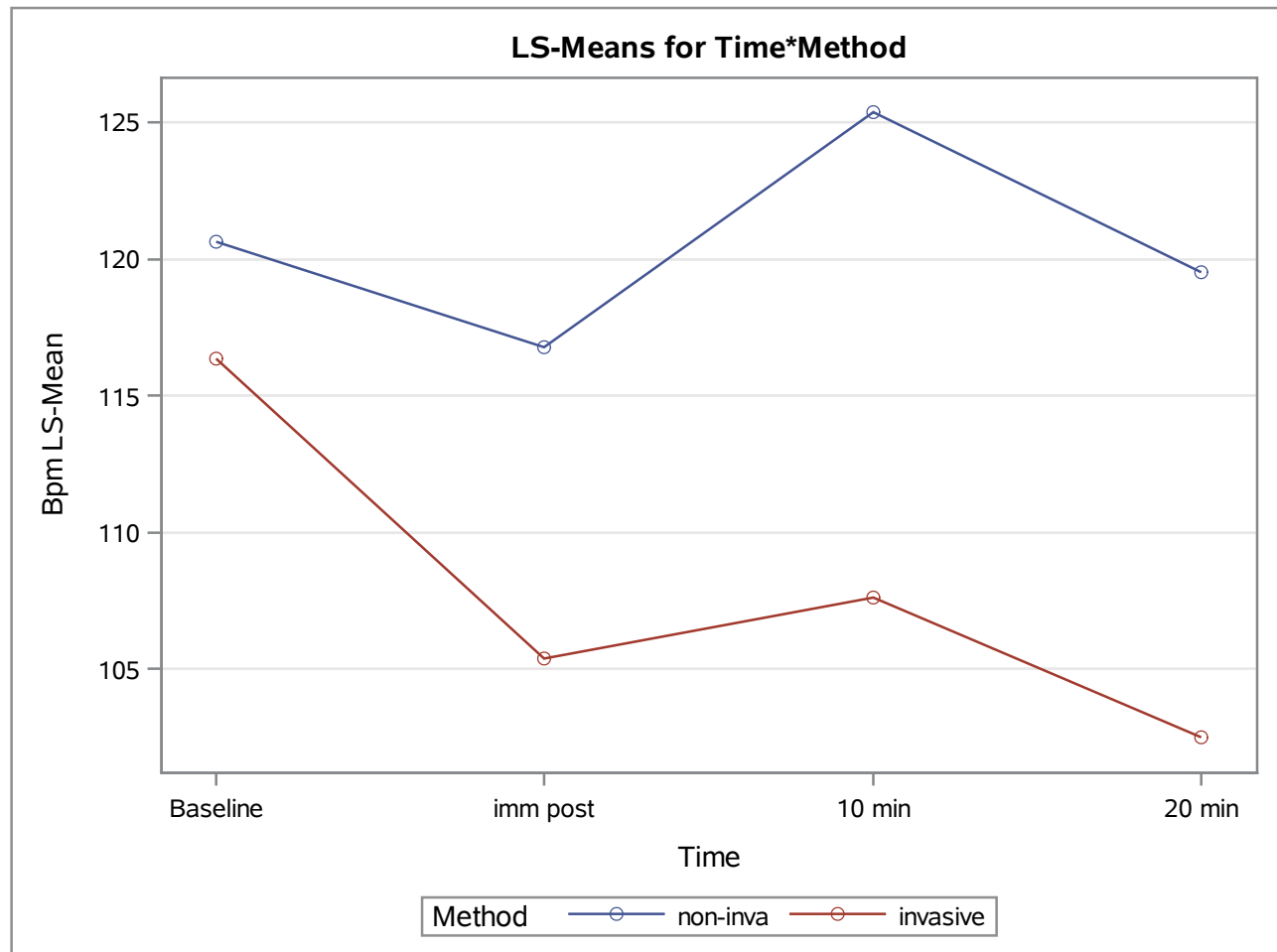
Covariance Parameter Estimates		
Cov Parm	Estimate	Standard Error
Beagle	51.8923	35.0105
Residual	99.8843	20.4190

Type III Tests of Fixed Effects				
Effect	Num DF	Den DF	F Value	Pr > F
Method	1	48	24.93	<.0001
Time	3	48	2.30	0.0895
Time*Method	3	48	1.56	0.2110

Part 1.3: Compare the effect of pAI vs pAN on Bpm

The GLIMMIX Procedure

Time*Method Least Squares Means						
Time	Method	Estimate	Standard Error	DF	t Value	Pr > t
Baseline	non-inva	120.62	4.3557	48	27.69	<.0001
Baseline	invasive	116.38	4.3557	48	26.72	<.0001
imm post	non-inva	116.77	4.5777	48	25.51	<.0001
imm post	invasive	105.37	4.3557	48	24.19	<.0001
10 min	non-inva	125.37	4.3557	48	28.78	<.0001
10 min	invasive	107.62	4.3557	48	24.71	<.0001
20 min	non-inva	119.50	4.3557	48	27.44	<.0001
20 min	invasive	102.50	4.3557	48	23.53	<.0001



Part 1.3: Compare the effect of pAI vs pAN on Bpm

The GLIMMIX Procedure

Simple Effect Comparisons of Time*Method Least Squares Means By Time							
Simple Effect Level	Method	_Method	Estimate	Standard Error	DF	t Value	Pr > t
Time Baseline	non-inva	invasive	4.2500	4.9971	48	0.85	0.3993
Time imm post	non-inva	invasive	11.3945	5.1918	48	2.19	0.0331
Time 10 min	non-inva	invasive	17.7500	4.9971	48	3.55	0.0009
Time 20 min	non-inva	invasive	17.0000	4.9971	48	3.40	0.0014

Part 2.1: Compare the effect of pAI vs pAB vs pDB on Bp1

The GLIMMIX Procedure

Model Information	
Data Set	WORK.DAT2
Response Variable	Bp1
Response Distribution	Gaussian
Link Function	Identity
Variance Function	Default
Variance Matrix	Not blocked
Estimation Technique	Restricted Maximum Likelihood
Degrees of Freedom Method	Containment

Class Level Information		
Class	Levels	Values
Beagle	8	A B C D E F G H
Time	14	Baseline inj time during 1 during 2 imm post 2 min 4 min 6 min 8 min 10 min 12 min 14 min 16 min 18 min
Protocol	3	pAI pAB pDB

Number of Observations Read	336
Number of Observations Used	336

Dimensions	
G-side Cov. Parameters	1
R-side Cov. Parameters	1
Columns in X	60
Columns in Z	8
Subjects (Blocks in V)	1
Max Obs per Subject	336

Optimization Information	
Optimization Technique	Dual Quasi-Newton
Parameters in Optimization	1
Lower Boundaries	1
Upper Boundaries	0
Fixed Effects	Profiled
Residual Variance	Profiled
Starting From	Data

Part 2.1: Compare the effect of pAI vs pAB vs pDB on Bp1

The GLIMMIX Procedure

Iteration History					
Iteration	Restarts	Evaluations	Objective Function	Change	Max Gradient
0	0	4	2240.2800536	.	1.05E-14

Convergence criterion (ABSGCONV=0.00001) satisfied.

Fit Statistics	
-2 Res Log Likelihood	2240.28
AIC (smaller is better)	2244.28
AICC (smaller is better)	2244.32
BIC (smaller is better)	2244.44
CAIC (smaller is better)	2246.44
HQIC (smaller is better)	2243.21
Generalized Chi-Square	23803.57
Gener. Chi-Square / DF	80.96

Covariance Parameter Estimates		
Cov Parm	Estimate	Standard Error
Beagle	86.3420	47.1824
Residual	80.9645	6.7588

Type III Tests of Fixed Effects				
Effect	Num DF	Den DF	F Value	Pr > F
Protocol	2	287	2609.71	<.0001
Time	13	287	5.60	<.0001
Time*Protocol	26	287	0.89	0.6168

Time*Protocol Least Squares Means						
Time	Protocol	Estimate	Standard Error	DF	t Value	Pr > t
Baseline	pAI	180.87	4.5731	287	39.55	<.0001
Baseline	pAB	104.75	4.5731	287	22.91	<.0001
Baseline	pDB	118.50	4.5731	287	25.91	<.0001
inj time	pAI	186.25	4.5731	287	40.73	<.0001
inj time	pAB	108.75	4.5731	287	23.78	<.0001
inj time	pDB	116.50	4.5731	287	25.48	<.0001

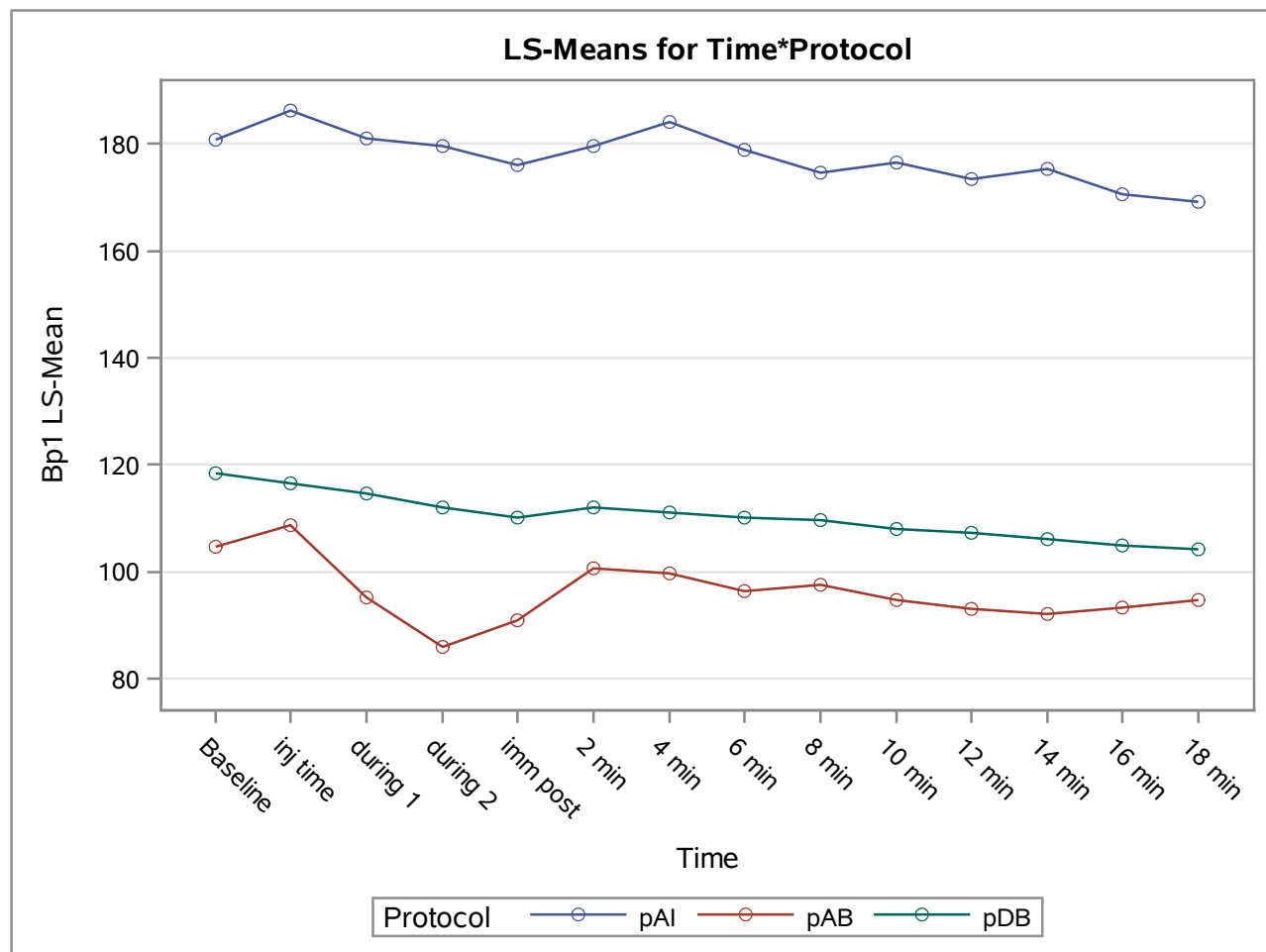
Part 2.1: Compare the effect of pAI vs pAB vs pDB on Bp1**The GLIMMIX Procedure**

Time*Protocol Least Squares Means						
Time	Protocol	Estimate	Standard Error	DF	t Value	Pr > t
during 1	pAI	181.12	4.5731	287	39.61	<.0001
during 1	pAB	95.1250	4.5731	287	20.80	<.0001
during 1	pDB	114.63	4.5731	287	25.07	<.0001
during 2	pAI	179.62	4.5731	287	39.28	<.0001
during 2	pAB	86.0000	4.5731	287	18.81	<.0001
during 2	pDB	112.00	4.5731	287	24.49	<.0001
imm post	pAI	176.12	4.5731	287	38.51	<.0001
imm post	pAB	90.8750	4.5731	287	19.87	<.0001
imm post	pDB	110.25	4.5731	287	24.11	<.0001
2 min	pAI	179.50	4.5731	287	39.25	<.0001
2 min	pAB	100.75	4.5731	287	22.03	<.0001
2 min	pDB	112.13	4.5731	287	24.52	<.0001
4 min	pAI	184.00	4.5731	287	40.24	<.0001
4 min	pAB	99.7500	4.5731	287	21.81	<.0001
4 min	pDB	111.13	4.5731	287	24.30	<.0001
6 min	pAI	179.00	4.5731	287	39.14	<.0001
6 min	pAB	96.5000	4.5731	287	21.10	<.0001
6 min	pDB	110.25	4.5731	287	24.11	<.0001
8 min	pAI	174.62	4.5731	287	38.19	<.0001
8 min	pAB	97.5000	4.5731	287	21.32	<.0001
8 min	pDB	109.75	4.5731	287	24.00	<.0001
10 min	pAI	176.50	4.5731	287	38.60	<.0001
10 min	pAB	94.7500	4.5731	287	20.72	<.0001
10 min	pDB	108.00	4.5731	287	23.62	<.0001
12 min	pAI	173.50	4.5731	287	37.94	<.0001
12 min	pAB	93.1250	4.5731	287	20.36	<.0001
12 min	pDB	107.25	4.5731	287	23.45	<.0001
14 min	pAI	175.37	4.5731	287	38.35	<.0001
14 min	pAB	92.2500	4.5731	287	20.17	<.0001
14 min	pDB	106.25	4.5731	287	23.23	<.0001
16 min	pAI	170.50	4.5731	287	37.28	<.0001
16 min	pAB	93.2500	4.5731	287	20.39	<.0001
16 min	pDB	104.88	4.5731	287	22.93	<.0001
18 min	pAI	169.13	4.5731	287	36.98	<.0001

Part 2.1: Compare the effect of pAI vs pAB vs pDB on Bp1

The GLIMMIX Procedure

Time*Protocol Least Squares Means						
Time	Protocol	Estimate	Standard Error	DF	t Value	Pr > t
18 min	pAB	94.7500	4.5731	287	20.72	<.0001
18 min	pDB	104.12	4.5731	287	22.77	<.0001



Simple Effect Comparisons of Time*Protocol Least Squares Means By Time							
Simple Effect Level	Protocol	_Protocol	Estimate	Standard Error	DF	t Value	Pr > t
Time Baseline	pAI	pAB	76.1250	4.4990	287	16.92	<.0001
Time Baseline	pAI	pDB	62.3750	4.4990	287	13.86	<.0001
Time Baseline	pAB	pDB	-13.7500	4.4990	287	-3.06	0.0025
Time inj time	pAI	pAB	77.5000	4.4990	287	17.23	<.0001
Time inj time	pAI	pDB	69.7500	4.4990	287	15.50	<.0001
Time inj time	pAB	pDB	-7.7500	4.4990	287	-1.72	0.0860
Time during 1	pAI	pAB	86.0000	4.4990	287	19.12	<.0001
Time during 1	pAI	pDB	66.5000	4.4990	287	14.78	<.0001
Time during 1	pAB	pDB	-19.5000	4.4990	287	-4.33	<.0001

Part 2.1: Compare the effect of pAI vs pAB vs pDB on Bp1**The GLIMMIX Procedure**

Simple Effect Comparisons of Time*Protocol Least Squares Means By Time							
Simple Effect Level	Protocol	_Protocol	Estimate	Standard Error	DF	t Value	Pr > t
Time during 2	pAI	pAB	93.6250	4.4990	287	20.81	<.0001
Time during 2	pAI	pDB	67.6250	4.4990	287	15.03	<.0001
Time during 2	pAB	pDB	-26.0000	4.4990	287	-5.78	<.0001
Time imm post	pAI	pAB	85.2500	4.4990	287	18.95	<.0001
Time imm post	pAI	pDB	65.8750	4.4990	287	14.64	<.0001
Time imm post	pAB	pDB	-19.3750	4.4990	287	-4.31	<.0001
Time 2 min	pAI	pAB	78.7500	4.4990	287	17.50	<.0001
Time 2 min	pAI	pDB	67.3750	4.4990	287	14.98	<.0001
Time 2 min	pAB	pDB	-11.3750	4.4990	287	-2.53	0.0120
Time 4 min	pAI	pAB	84.2500	4.4990	287	18.73	<.0001
Time 4 min	pAI	pDB	72.8750	4.4990	287	16.20	<.0001
Time 4 min	pAB	pDB	-11.3750	4.4990	287	-2.53	0.0120
Time 6 min	pAI	pAB	82.5000	4.4990	287	18.34	<.0001
Time 6 min	pAI	pDB	68.7500	4.4990	287	15.28	<.0001
Time 6 min	pAB	pDB	-13.7500	4.4990	287	-3.06	0.0025
Time 8 min	pAI	pAB	77.1250	4.4990	287	17.14	<.0001
Time 8 min	pAI	pDB	64.8750	4.4990	287	14.42	<.0001
Time 8 min	pAB	pDB	-12.2500	4.4990	287	-2.72	0.0069
Time 10 min	pAI	pAB	81.7500	4.4990	287	18.17	<.0001
Time 10 min	pAI	pDB	68.5000	4.4990	287	15.23	<.0001
Time 10 min	pAB	pDB	-13.2500	4.4990	287	-2.95	0.0035
Time 12 min	pAI	pAB	80.3750	4.4990	287	17.87	<.0001
Time 12 min	pAI	pDB	66.2500	4.4990	287	14.73	<.0001
Time 12 min	pAB	pDB	-14.1250	4.4990	287	-3.14	0.0019
Time 14 min	pAI	pAB	83.1250	4.4990	287	18.48	<.0001
Time 14 min	pAI	pDB	69.1250	4.4990	287	15.36	<.0001
Time 14 min	pAB	pDB	-14.0000	4.4990	287	-3.11	0.0020
Time 16 min	pAI	pAB	77.2500	4.4990	287	17.17	<.0001
Time 16 min	pAI	pDB	65.6250	4.4990	287	14.59	<.0001
Time 16 min	pAB	pDB	-11.6250	4.4990	287	-2.58	0.0103
Time 18 min	pAI	pAB	74.3750	4.4990	287	16.53	<.0001
Time 18 min	pAI	pDB	65.0000	4.4990	287	14.45	<.0001
Time 18 min	pAB	pDB	-9.3750	4.4990	287	-2.08	0.0381

Part 2.2: Compare the effect of pAI vs pAB vs pDB on Bp2

The GLIMMIX Procedure

Model Information	
Data Set	WORK.DAT2
Response Variable	Bp2
Response Distribution	Gaussian
Link Function	Identity
Variance Function	Default
Variance Matrix	Not blocked
Estimation Technique	Restricted Maximum Likelihood
Degrees of Freedom Method	Containment

Class Level Information		
Class	Levels	Values
Beagle	8	A B C D E F G H
Time	14	Baseline inj time during 1 during 2 imm post 2 min 4 min 6 min 8 min 10 min 12 min 14 min 16 min 18 min
Protocol	3	pAI pAB pDB

Number of Observations Read	336
Number of Observations Used	336

Dimensions	
G-side Cov. Parameters	1
R-side Cov. Parameters	1
Columns in X	60
Columns in Z	8
Subjects (Blocks in V)	1
Max Obs per Subject	336

Optimization Information	
Optimization Technique	Dual Quasi-Newton
Parameters in Optimization	1
Lower Boundaries	1
Upper Boundaries	0
Fixed Effects	Profiled
Residual Variance	Profiled
Starting From	Data

Part 2.2: Compare the effect of pAI vs pAB vs pDB on Bp2

The GLIMMIX Procedure

Iteration History					
Iteration	Restarts	Evaluations	Objective Function	Change	Max Gradient
0	0	4	1902.8441881	.	3.11E-15

Convergence criterion (ABSGCONV=0.00001) satisfied.

Fit Statistics	
-2 Res Log Likelihood	1902.84
AIC (smaller is better)	1906.84
AICC (smaller is better)	1906.89
BIC (smaller is better)	1907.00
CAIC (smaller is better)	1909.00
HQIC (smaller is better)	1905.77
Generalized Chi-Square	7733.71
Gener. Chi-Square / DF	26.31

Covariance Parameter Estimates		
Cov Parm	Estimate	Standard Error
Beagle	10.0648	5.7149
Residual	26.3051	2.1959

Type III Tests of Fixed Effects				
Effect	Num DF	Den DF	F Value	Pr > F
Protocol	2	287	1108.42	<.0001
Time	13	287	7.93	<.0001
Time*Protocol	26	287	1.29	0.1594

Time*Protocol Least Squares Means						
Time	Protocol	Estimate	Standard Error	DF	t Value	Pr > t
Baseline	pAI	85.8750	2.1322	287	40.28	<.0001
Baseline	pAB	53.2500	2.1322	287	24.97	<.0001
Baseline	pDB	61.7500	2.1322	287	28.96	<.0001
inj time	pAI	85.5000	2.1322	287	40.10	<.0001
inj time	pAB	50.1250	2.1322	287	23.51	<.0001
inj time	pDB	62.1250	2.1322	287	29.14	<.0001

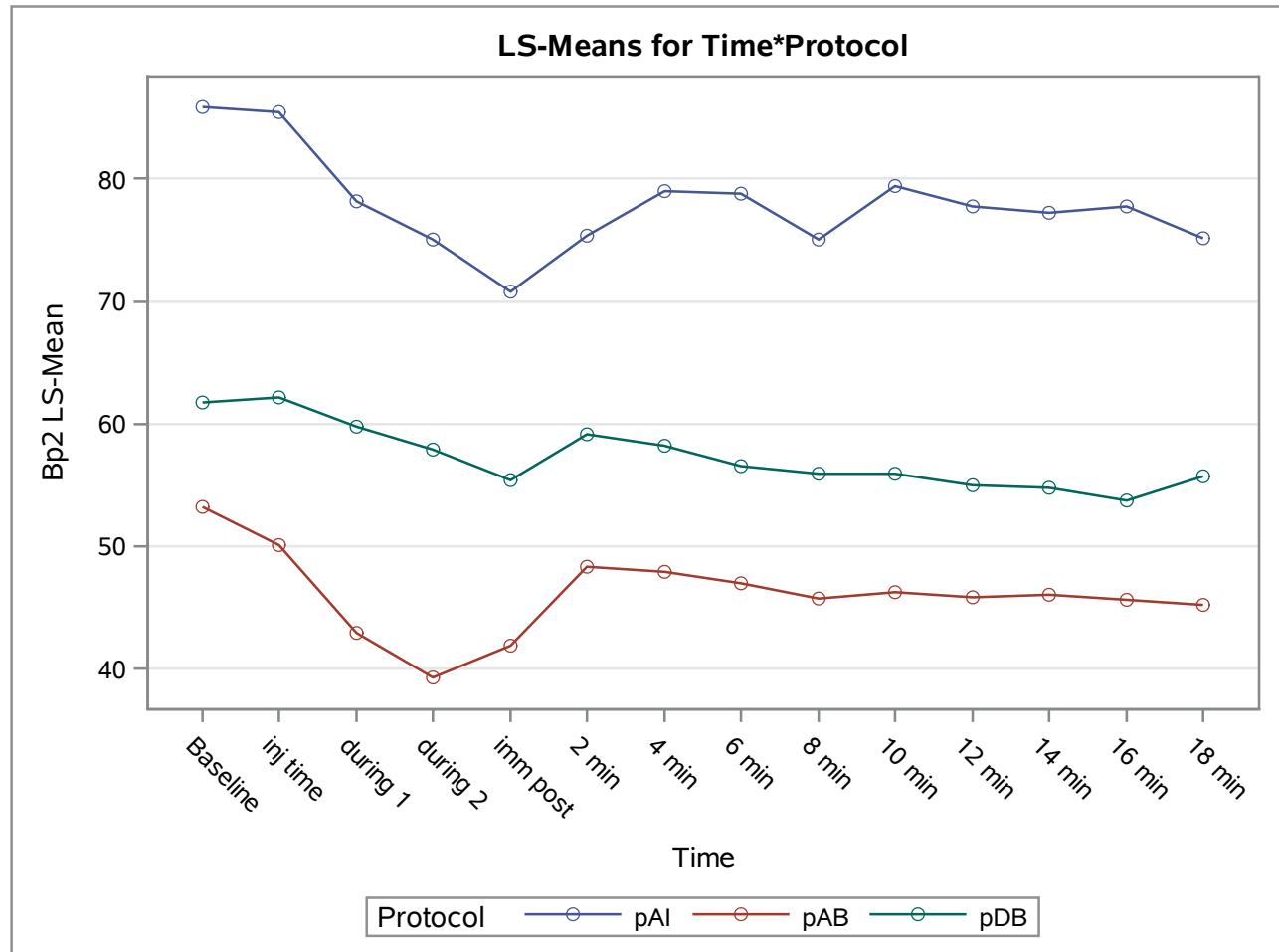
Part 2.2: Compare the effect of pAI vs pAB vs pDB on Bp2**The GLIMMIX Procedure**

Time*Protocol Least Squares Means						
Time	Protocol	Estimate	Standard Error	DF	t Value	Pr > t
during 1	pAI	78.1250	2.1322	287	36.64	<.0001
during 1	pAB	42.8750	2.1322	287	20.11	<.0001
during 1	pDB	59.7500	2.1322	287	28.02	<.0001
during 2	pAI	75.0000	2.1322	287	35.18	<.0001
during 2	pAB	39.2500	2.1322	287	18.41	<.0001
during 2	pDB	57.8750	2.1322	287	27.14	<.0001
imm post	pAI	70.7500	2.1322	287	33.18	<.0001
imm post	pAB	41.8750	2.1322	287	19.64	<.0001
imm post	pDB	55.3750	2.1322	287	25.97	<.0001
2 min	pAI	75.3750	2.1322	287	35.35	<.0001
2 min	pAB	48.3750	2.1322	287	22.69	<.0001
2 min	pDB	59.1250	2.1322	287	27.73	<.0001
4 min	pAI	79.0000	2.1322	287	37.05	<.0001
4 min	pAB	47.8750	2.1322	287	22.45	<.0001
4 min	pDB	58.2500	2.1322	287	27.32	<.0001
6 min	pAI	78.7500	2.1322	287	36.93	<.0001
6 min	pAB	47.0000	2.1322	287	22.04	<.0001
6 min	pDB	56.5000	2.1322	287	26.50	<.0001
8 min	pAI	75.0000	2.1322	287	35.18	<.0001
8 min	pAB	45.7500	2.1322	287	21.46	<.0001
8 min	pDB	55.8750	2.1322	287	26.21	<.0001
10 min	pAI	79.3750	2.1322	287	37.23	<.0001
10 min	pAB	46.2500	2.1322	287	21.69	<.0001
10 min	pDB	55.8750	2.1322	287	26.21	<.0001
12 min	pAI	77.7500	2.1322	287	36.46	<.0001
12 min	pAB	45.8750	2.1322	287	21.52	<.0001
12 min	pDB	55.0000	2.1322	287	25.80	<.0001
14 min	pAI	77.2500	2.1322	287	36.23	<.0001
14 min	pAB	46.0000	2.1322	287	21.57	<.0001
14 min	pDB	54.7500	2.1322	287	25.68	<.0001
16 min	pAI	77.7500	2.1322	287	36.46	<.0001
16 min	pAB	45.6250	2.1322	287	21.40	<.0001
16 min	pDB	53.7500	2.1322	287	25.21	<.0001
18 min	pAI	75.1250	2.1322	287	35.23	<.0001

Part 2.2: Compare the effect of pAI vs pAB vs pDB on Bp2

The GLIMMIX Procedure

Time*Protocol Least Squares Means						
Time	Protocol	Estimate	Standard Error	DF	t Value	Pr > t
18 min	pAB	45.2500	2.1322	287	21.22	<.0001
18 min	pDB	55.7500	2.1322	287	26.15	<.0001



Simple Effect Comparisons of Time*Protocol Least Squares Means By Time							
Simple Effect Level	Protocol	_Protocol	Estimate	Standard Error	DF	t Value	Pr > t
Time Baseline	pAI	pAB	32.6250	2.5644	287	12.72	<.0001
Time Baseline	pAI	pDB	24.1250	2.5644	287	9.41	<.0001
Time Baseline	pAB	pDB	-8.5000	2.5644	287	-3.31	0.0010
Time inj time	pAI	pAB	35.3750	2.5644	287	13.79	<.0001
Time inj time	pAI	pDB	23.3750	2.5644	287	9.12	<.0001
Time inj time	pAB	pDB	-12.0000	2.5644	287	-4.68	<.0001
Time during 1	pAI	pAB	35.2500	2.5644	287	13.75	<.0001
Time during 1	pAI	pDB	18.3750	2.5644	287	7.17	<.0001
Time during 1	pAB	pDB	-16.8750	2.5644	287	-6.58	<.0001

Part 2.2: Compare the effect of pAI vs pAB vs pDB on Bp2**The GLIMMIX Procedure**

Simple Effect Comparisons of Time*Protocol Least Squares Means By Time							
Simple Effect Level	Protocol	_Protocol	Estimate	Standard Error	DF	t Value	Pr > t
Time during 2	pAI	pAB	35.7500	2.5644	287	13.94	<.0001
Time during 2	pAI	pDB	17.1250	2.5644	287	6.68	<.0001
Time during 2	pAB	pDB	-18.6250	2.5644	287	-7.26	<.0001
Time imm post	pAI	pAB	28.8750	2.5644	287	11.26	<.0001
Time imm post	pAI	pDB	15.3750	2.5644	287	6.00	<.0001
Time imm post	pAB	pDB	-13.5000	2.5644	287	-5.26	<.0001
Time 2 min	pAI	pAB	27.0000	2.5644	287	10.53	<.0001
Time 2 min	pAI	pDB	16.2500	2.5644	287	6.34	<.0001
Time 2 min	pAB	pDB	-10.7500	2.5644	287	-4.19	<.0001
Time 4 min	pAI	pAB	31.1250	2.5644	287	12.14	<.0001
Time 4 min	pAI	pDB	20.7500	2.5644	287	8.09	<.0001
Time 4 min	pAB	pDB	-10.3750	2.5644	287	-4.05	<.0001
Time 6 min	pAI	pAB	31.7500	2.5644	287	12.38	<.0001
Time 6 min	pAI	pDB	22.2500	2.5644	287	8.68	<.0001
Time 6 min	pAB	pDB	-9.5000	2.5644	287	-3.70	0.0003
Time 8 min	pAI	pAB	29.2500	2.5644	287	11.41	<.0001
Time 8 min	pAI	pDB	19.1250	2.5644	287	7.46	<.0001
Time 8 min	pAB	pDB	-10.1250	2.5644	287	-3.95	<.0001
Time 10 min	pAI	pAB	33.1250	2.5644	287	12.92	<.0001
Time 10 min	pAI	pDB	23.5000	2.5644	287	9.16	<.0001
Time 10 min	pAB	pDB	-9.6250	2.5644	287	-3.75	0.0002
Time 12 min	pAI	pAB	31.8750	2.5644	287	12.43	<.0001
Time 12 min	pAI	pDB	22.7500	2.5644	287	8.87	<.0001
Time 12 min	pAB	pDB	-9.1250	2.5644	287	-3.56	0.0004
Time 14 min	pAI	pAB	31.2500	2.5644	287	12.19	<.0001
Time 14 min	pAI	pDB	22.5000	2.5644	287	8.77	<.0001
Time 14 min	pAB	pDB	-8.7500	2.5644	287	-3.41	0.0007
Time 16 min	pAI	pAB	32.1250	2.5644	287	12.53	<.0001
Time 16 min	pAI	pDB	24.0000	2.5644	287	9.36	<.0001
Time 16 min	pAB	pDB	-8.1250	2.5644	287	-3.17	0.0017
Time 18 min	pAI	pAB	29.8750	2.5644	287	11.65	<.0001
Time 18 min	pAI	pDB	19.3750	2.5644	287	7.56	<.0001
Time 18 min	pAB	pDB	-10.5000	2.5644	287	-4.09	<.0001

Part 2.3: Compare the effect of pAI vs pAB vs pDB on Bpm**The GLIMMIX Procedure**

Model Information	
Data Set	WORK.DAT2
Response Variable	Bpm
Response Distribution	Gaussian
Link Function	Identity
Variance Function	Default
Variance Matrix	Not blocked
Estimation Technique	Restricted Maximum Likelihood
Degrees of Freedom Method	Containment

Class Level Information		
Class	Levels	Values
Beagle	8	A B C D E F G H
Time	14	Baseline inj time during 1 during 2 imm post 2 min 4 min 6 min 8 min 10 min 12 min 14 min 16 min 18 min
Protocol	3	pAI pAB pDB

Number of Observations Read	336
Number of Observations Used	336

Dimensions	
G-side Cov. Parameters	1
R-side Cov. Parameters	1
Columns in X	60
Columns in Z	8
Subjects (Blocks in V)	1
Max Obs per Subject	336

Optimization Information	
Optimization Technique	Dual Quasi-Newton
Parameters in Optimization	1
Lower Boundaries	1
Upper Boundaries	0
Fixed Effects	Profiled
Residual Variance	Profiled
Starting From	Data

Part 2.3: Compare the effect of pAI vs pAB vs pDB on Bpm**The GLIMMIX Procedure**

Iteration History					
Iteration	Restarts	Evaluations	Objective Function	Change	Max Gradient
0	0	4	1996.7013854	.	1.4E-14

Convergence criterion (ABSGCONV=0.00001) satisfied.

Fit Statistics	
-2 Res Log Likelihood	1996.70
AIC (smaller is better)	2000.70
AICC (smaller is better)	2000.74
BIC (smaller is better)	2000.86
CAIC (smaller is better)	2002.86
HQIC (smaller is better)	1999.63
Generalized Chi-Square	10484.91
Gener. Chi-Square / DF	35.66

Covariance Parameter Estimates		
Cov Parm	Estimate	Standard Error
Beagle	26.2439	14.4820
Residual	35.6630	2.9771

Type III Tests of Fixed Effects				
Effect	Num DF	Den DF	F Value	Pr > F
Protocol	2	287	1933.99	<.0001
Time	13	287	7.92	<.0001
Time*Protocol	26	287	0.93	0.5675

Time*Protocol Least Squares Means						
Time	Protocol	Estimate	Standard Error	DF	t Value	Pr > t
Baseline	pAI	118.87	2.7818	287	42.73	<.0001
Baseline	pAB	69.3750	2.7818	287	24.94	<.0001
Baseline	pDB	78.2500	2.7818	287	28.13	<.0001
inj time	pAI	116.75	2.7818	287	41.97	<.0001
inj time	pAB	67.0000	2.7818	287	24.09	<.0001
inj time	pDB	77.6250	2.7818	287	27.90	<.0001

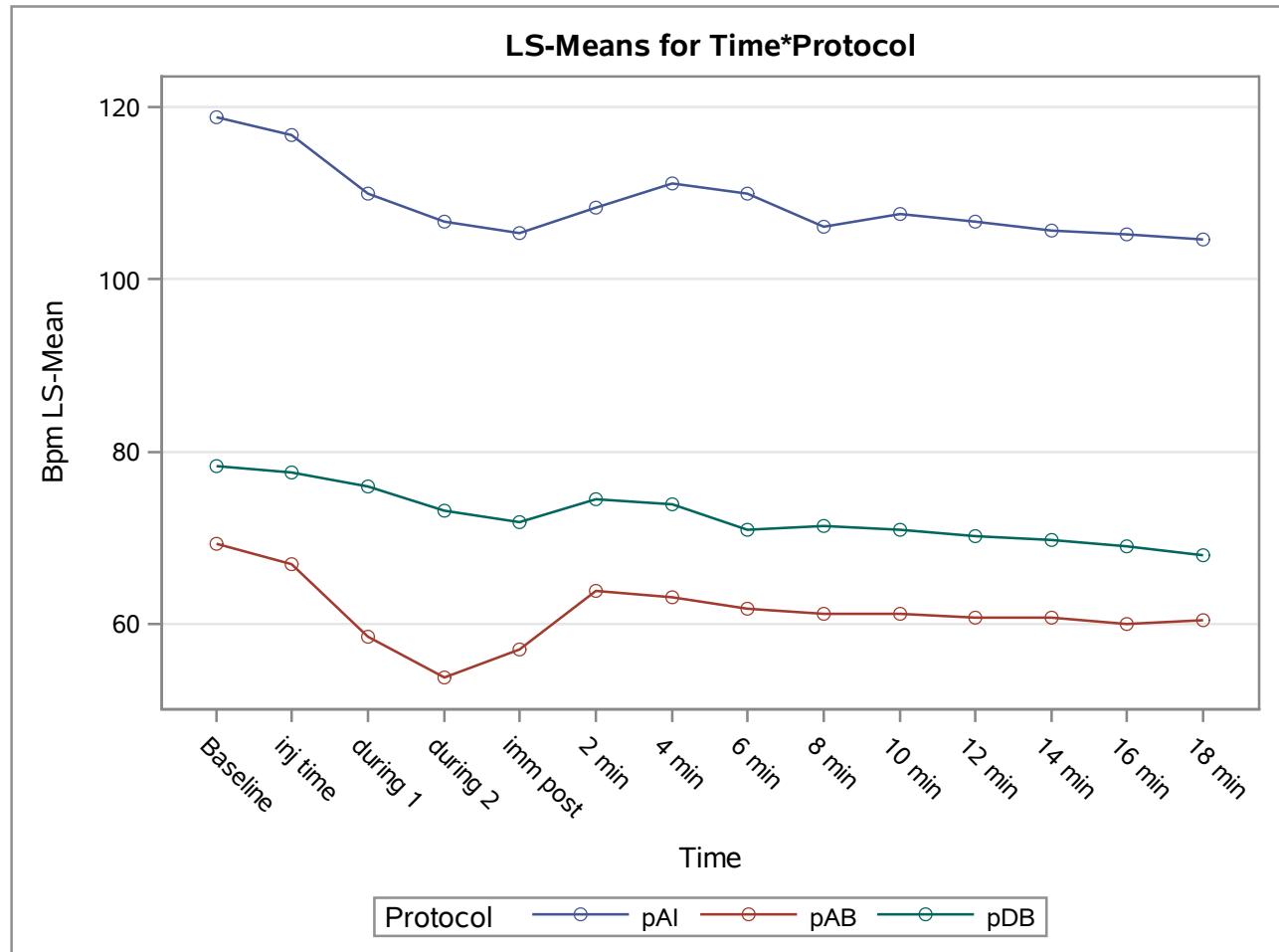
Part 2.3: Compare the effect of pAI vs pAB vs pDB on Bpm**The GLIMMIX Procedure**

Time*Protocol Least Squares Means						
Time	Protocol	Estimate	Standard Error	DF	t Value	Pr > t
during 1	pAI	110.00	2.7818	287	39.54	<.0001
during 1	pAB	58.5000	2.7818	287	21.03	<.0001
during 1	pDB	76.0000	2.7818	287	27.32	<.0001
during 2	pAI	106.75	2.7818	287	38.37	<.0001
during 2	pAB	53.7500	2.7818	287	19.32	<.0001
during 2	pDB	73.1250	2.7818	287	26.29	<.0001
imm post	pAI	105.37	2.7818	287	37.88	<.0001
imm post	pAB	57.0000	2.7818	287	20.49	<.0001
imm post	pDB	71.7500	2.7818	287	25.79	<.0001
2 min	pAI	108.37	2.7818	287	38.96	<.0001
2 min	pAB	63.8750	2.7818	287	22.96	<.0001
2 min	pDB	74.5000	2.7818	287	26.78	<.0001
4 min	pAI	111.12	2.7818	287	39.95	<.0001
4 min	pAB	63.1250	2.7818	287	22.69	<.0001
4 min	pDB	73.8750	2.7818	287	26.56	<.0001
6 min	pAI	110.00	2.7818	287	39.54	<.0001
6 min	pAB	61.7500	2.7818	287	22.20	<.0001
6 min	pDB	70.8750	2.7818	287	25.48	<.0001
8 min	pAI	106.12	2.7818	287	38.15	<.0001
8 min	pAB	61.2500	2.7818	287	22.02	<.0001
8 min	pDB	71.3750	2.7818	287	25.66	<.0001
10 min	pAI	107.62	2.7818	287	38.69	<.0001
10 min	pAB	61.1250	2.7818	287	21.97	<.0001
10 min	pDB	70.8750	2.7818	287	25.48	<.0001
12 min	pAI	106.75	2.7818	287	38.37	<.0001
12 min	pAB	60.7500	2.7818	287	21.84	<.0001
12 min	pDB	70.1250	2.7818	287	25.21	<.0001
14 min	pAI	105.62	2.7818	287	37.97	<.0001
14 min	pAB	60.7500	2.7818	287	21.84	<.0001
14 min	pDB	69.7500	2.7818	287	25.07	<.0001
16 min	pAI	105.25	2.7818	287	37.84	<.0001
16 min	pAB	60.0000	2.7818	287	21.57	<.0001
16 min	pDB	69.0000	2.7818	287	24.80	<.0001
18 min	pAI	104.63	2.7818	287	37.61	<.0001

Part 2.3: Compare the effect of pAI vs pAB vs pDB on Bpm

The GLIMMIX Procedure

Time*Protocol Least Squares Means						
Time	Protocol	Estimate	Standard Error	DF	t Value	Pr > t
18 min	pAB	60.5000	2.7818	287	21.75	<.0001
18 min	pDB	68.0000	2.7818	287	24.44	<.0001



Simple Effect Comparisons of Time*Protocol Least Squares Means By Time							
Simple Effect Level	Protocol	_Protocol	Estimate	Standard Error	DF	t Value	Pr > t
Time Baseline	pAI	pAB	49.5000	2.9859	287	16.58	<.0001
Time Baseline	pAI	pDB	40.6250	2.9859	287	13.61	<.0001
Time Baseline	pAB	pDB	-8.8750	2.9859	287	-2.97	0.0032
Time inj time	pAI	pAB	49.7500	2.9859	287	16.66	<.0001
Time inj time	pAI	pDB	39.1250	2.9859	287	13.10	<.0001
Time inj time	pAB	pDB	-10.6250	2.9859	287	-3.56	0.0004
Time during 1	pAI	pAB	51.5000	2.9859	287	17.25	<.0001
Time during 1	pAI	pDB	34.0000	2.9859	287	11.39	<.0001
Time during 1	pAB	pDB	-17.5000	2.9859	287	-5.86	<.0001

Part 2.3: Compare the effect of pAI vs pAB vs pDB on Bpm**The GLIMMIX Procedure**

Simple Effect Comparisons of Time*Protocol Least Squares Means By Time							
Simple Effect Level	Protocol	_Protocol	Estimate	Standard Error	DF	t Value	Pr > t
Time during 2	pAI	pAB	53.0000	2.9859	287	17.75	<.0001
Time during 2	pAI	pDB	33.6250	2.9859	287	11.26	<.0001
Time during 2	pAB	pDB	-19.3750	2.9859	287	-6.49	<.0001
Time imm post	pAI	pAB	48.3750	2.9859	287	16.20	<.0001
Time imm post	pAI	pDB	33.6250	2.9859	287	11.26	<.0001
Time imm post	pAB	pDB	-14.7500	2.9859	287	-4.94	<.0001
Time 2 min	pAI	pAB	44.5000	2.9859	287	14.90	<.0001
Time 2 min	pAI	pDB	33.8750	2.9859	287	11.34	<.0001
Time 2 min	pAB	pDB	-10.6250	2.9859	287	-3.56	0.0004
Time 4 min	pAI	pAB	48.0000	2.9859	287	16.08	<.0001
Time 4 min	pAI	pDB	37.2500	2.9859	287	12.48	<.0001
Time 4 min	pAB	pDB	-10.7500	2.9859	287	-3.60	0.0004
Time 6 min	pAI	pAB	48.2500	2.9859	287	16.16	<.0001
Time 6 min	pAI	pDB	39.1250	2.9859	287	13.10	<.0001
Time 6 min	pAB	pDB	-9.1250	2.9859	287	-3.06	0.0025
Time 8 min	pAI	pAB	44.8750	2.9859	287	15.03	<.0001
Time 8 min	pAI	pDB	34.7500	2.9859	287	11.64	<.0001
Time 8 min	pAB	pDB	-10.1250	2.9859	287	-3.39	0.0008
Time 10 min	pAI	pAB	46.5000	2.9859	287	15.57	<.0001
Time 10 min	pAI	pDB	36.7500	2.9859	287	12.31	<.0001
Time 10 min	pAB	pDB	-9.7500	2.9859	287	-3.27	0.0012
Time 12 min	pAI	pAB	46.0000	2.9859	287	15.41	<.0001
Time 12 min	pAI	pDB	36.6250	2.9859	287	12.27	<.0001
Time 12 min	pAB	pDB	-9.3750	2.9859	287	-3.14	0.0019
Time 14 min	pAI	pAB	44.8750	2.9859	287	15.03	<.0001
Time 14 min	pAI	pDB	35.8750	2.9859	287	12.01	<.0001
Time 14 min	pAB	pDB	-9.0000	2.9859	287	-3.01	0.0028
Time 16 min	pAI	pAB	45.2500	2.9859	287	15.15	<.0001
Time 16 min	pAI	pDB	36.2500	2.9859	287	12.14	<.0001
Time 16 min	pAB	pDB	-9.0000	2.9859	287	-3.01	0.0028
Time 18 min	pAI	pAB	44.1250	2.9859	287	14.78	<.0001
Time 18 min	pAI	pDB	36.6250	2.9859	287	12.27	<.0001
Time 18 min	pAB	pDB	-7.5000	2.9859	287	-2.51	0.0126

Part 2.4: Compare the effect of pAI vs pAB vs pDB on HR

The GLIMMIX Procedure

Model Information	
Data Set	WORK.DAT2
Response Variable	HR
Response Distribution	Poisson
Link Function	Log
Variance Function	Default
Variance Matrix	Not blocked
Estimation Technique	Residual PL
Degrees of Freedom Method	Containment

Class Level Information		
Class	Levels	Values
Beagle	8	A B C D E F G H
Time	14	Baseline inj time during 1 during 2 imm post 2 min 4 min 6 min 8 min 10 min 12 min 14 min 16 min 18 min
Protocol	3	pAI pAB pDB

Number of Observations Read	336
Number of Observations Used	336

Dimensions	
G-side Cov. Parameters	1
Columns in X	60
Columns in Z	8
Subjects (Blocks in V)	1
Max Obs per Subject	336

Optimization Information	
Optimization Technique	Dual Quasi-Newton
Parameters in Optimization	1
Lower Boundaries	1
Upper Boundaries	0
Fixed Effects	Profiled
Starting From	Data

Part 2.4: Compare the effect of pAI vs pAB vs pDB on HR

The GLIMMIX Procedure

Iteration History					
Iteration	Restarts	Subiterations	Objective Function	Change	Max Gradient
0	0	3	-130.6659416	2.00000000	0.000503
1	0	2	-120.2635395	0.10278220	0.000342
2	0	1	-120.1735332	0.00002181	7.712E-7
3	0	0	-120.1735252	0.00000000	7.003E-7

Convergence criterion (PCONV=1.11022E-8) satisfied.

Fit Statistics	
-2 Res Log Pseudo-Likelihood	-120.17
Generalized Chi-Square	538.81
Gener. Chi-Square / DF	1.83

Covariance Parameter Estimates		
Cov Parm	Estimate	Standard Error
Beagle	0.01213	0.006629

Type III Tests of Fixed Effects				
Effect	Num DF	Den DF	F Value	Pr > F
Protocol	2	287	387.05	<.0001
Time	13	287	10.66	<.0001
Time*Protocol	26	287	3.20	<.0001

Time*Protocol Least Squares Means						
Time	Protocol	Estimate	Standard Error	DF	t Value	Pr > t
Baseline	pAI	4.5924	0.05269	287	87.16	<.0001
Baseline	pAB	4.6380	0.05216	287	88.92	<.0001
Baseline	pDB	4.1239	0.05941	287	69.42	<.0001
inj time	pAI	4.6185	0.05238	287	88.17	<.0001
inj time	pAB	4.6606	0.05190	287	89.80	<.0001
inj time	pDB	4.1807	0.05846	287	71.51	<.0001
during 1	pAI	4.6476	0.05205	287	89.30	<.0001
during 1	pAB	4.6746	0.05174	287	90.35	<.0001
during 1	pDB	4.2271	0.05772	287	73.23	<.0001

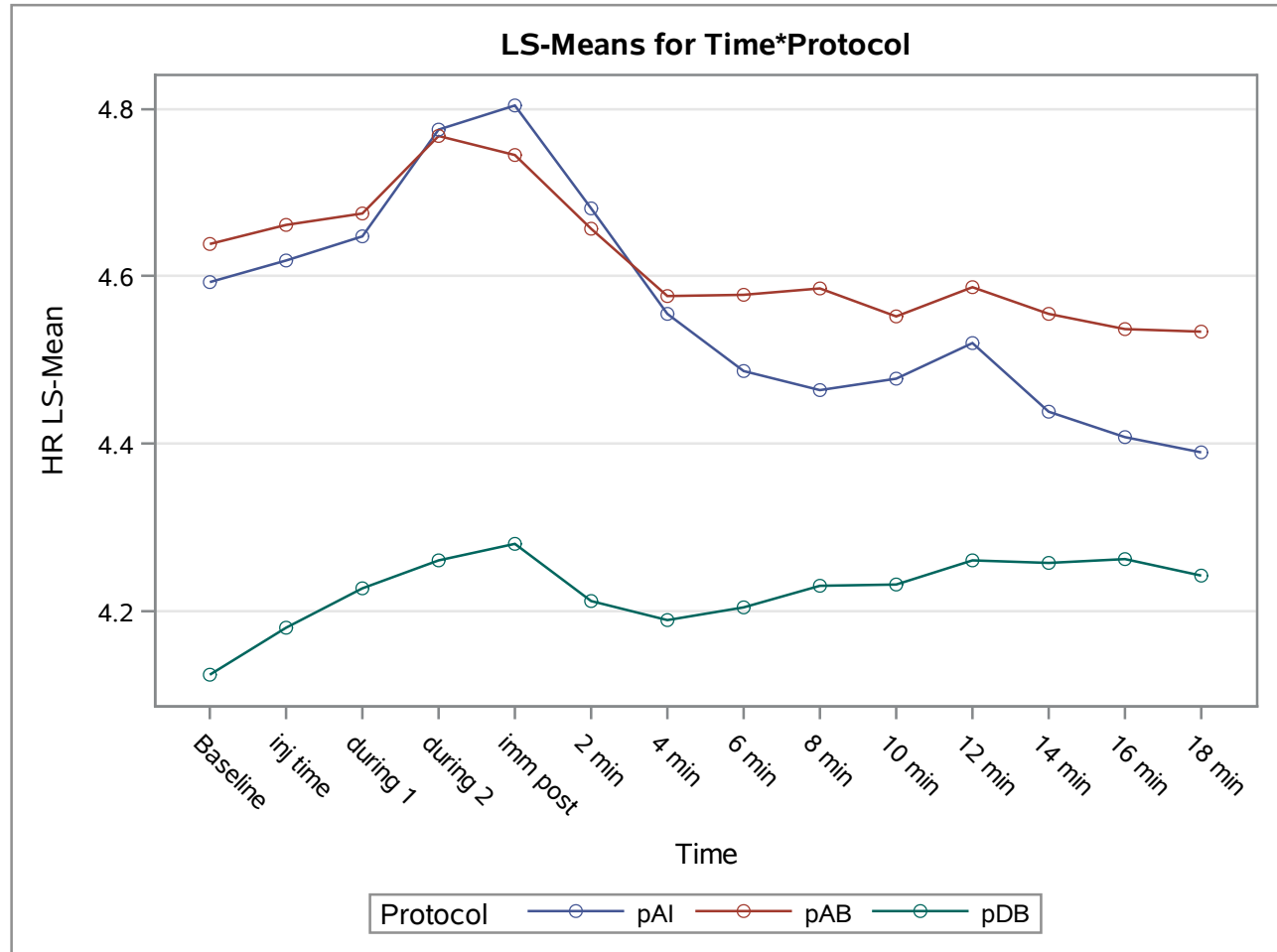
Part 2.4: Compare the effect of pAI vs pAB vs pDB on HR

The GLIMMIX Procedure

Time*Protocol Least Squares Means						
Time	Protocol	Estimate	Standard Error	DF	t Value	Pr > t
during 2	pAI	4.7750	0.05066	287	94.26	<.0001
during 2	pAB	4.7676	0.05074	287	93.97	<.0001
during 2	pDB	4.2610	0.05720	287	74.50	<.0001
imm post	pAI	4.8039	0.05036	287	95.39	<.0001
imm post	pAB	4.7441	0.05098	287	93.05	<.0001
imm post	pDB	4.2801	0.05691	287	75.21	<.0001
2 min	pAI	4.6816	0.05166	287	90.62	<.0001
2 min	pAB	4.6571	0.05194	287	89.66	<.0001
2 min	pDB	4.2125	0.05795	287	72.69	<.0001
4 min	pAI	4.5552	0.05314	287	85.72	<.0001
4 min	pAB	4.5759	0.05289	287	86.52	<.0001
4 min	pDB	4.1901	0.05831	287	71.86	<.0001
6 min	pAI	4.4862	0.05401	287	83.06	<.0001
6 min	pAB	4.5785	0.05286	287	86.62	<.0001
6 min	pDB	4.2051	0.05807	287	72.41	<.0001
8 min	pAI	4.4636	0.05431	287	82.19	<.0001
8 min	pAB	4.5861	0.05277	287	86.91	<.0001
8 min	pDB	4.2307	0.05767	287	73.37	<.0001
10 min	pAI	4.4778	0.05412	287	82.73	<.0001
10 min	pAB	4.5513	0.05319	287	85.56	<.0001
10 min	pDB	4.2325	0.05764	287	73.43	<.0001
12 min	pAI	4.5207	0.05357	287	84.38	<.0001
12 min	pAB	4.5874	0.05275	287	86.96	<.0001
12 min	pDB	4.2610	0.05720	287	74.50	<.0001
14 min	pAI	4.4389	0.05464	287	81.24	<.0001
14 min	pAB	4.5552	0.05314	287	85.72	<.0001
14 min	pDB	4.2575	0.05725	287	74.37	<.0001
16 min	pAI	4.4076	0.05507	287	80.04	<.0001
16 min	pAB	4.5368	0.05337	287	85.00	<.0001
16 min	pDB	4.2627	0.05717	287	74.56	<.0001
18 min	pAI	4.3892	0.05532	287	79.34	<.0001
18 min	pAB	4.5341	0.05341	287	84.90	<.0001
18 min	pDB	4.2433	0.05747	287	73.84	<.0001

Part 2.4: Compare the effect of pAI vs pAB vs pDB on HR

The GLIMMIX Procedure



Simple Effect Comparisons of Time*Protocol Least Squares Means By Time							
Simple Effect Level	Protocol	_Protocol	Estimate	Standard Error	DF	t Value	Pr > t
Time Baseline	pAI	pAB	-0.04555	0.04963	287	-0.92	0.3595
Time Baseline	pAI	pDB	0.4685	0.05720	287	8.19	<.0001
Time Baseline	pAB	pDB	0.5140	0.05670	287	9.07	<.0001
Time inj time	pAI	pAB	-0.04205	0.04903	287	-0.86	0.3918
Time inj time	pAI	pDB	0.4379	0.05593	287	7.83	<.0001
Time inj time	pAB	pDB	0.4799	0.05548	287	8.65	<.0001
Time during 1	pAI	pAB	-0.02704	0.04850	287	-0.56	0.5775
Time during 1	pAI	pDB	0.4205	0.05483	287	7.67	<.0001
Time during 1	pAB	pDB	0.4475	0.05454	287	8.20	<.0001
Time during 2	pAI	pAB	0.007372	0.04590	287	0.16	0.8725
Time during 2	pAI	pDB	0.5140	0.05295	287	9.71	<.0001
Time during 2	pAB	pDB	0.5066	0.05302	287	9.55	<.0001
Time imm post	pAI	pAB	0.05986	0.04584	287	1.31	0.1927
Time imm post	pAI	pDB	0.5238	0.05235	287	10.01	<.0001

Part 2.4: Compare the effect of pAI vs pAB vs pDB on HR

The GLIMMIX Procedure

Simple Effect Comparisons of Time*Protocol Least Squares Means By Time							
Simple Effect Level	Protocol	_Protocol	Estimate	Standard Error	DF	t Value	Pr > t
Time imm post	pAB	pDB	0.4640	0.05295	287	8.76	<.0001
Time 2 min	pAI	pAB	0.02449	0.04830	287	0.51	0.6125
Time 2 min	pAI	pDB	0.4691	0.05471	287	8.57	<.0001
Time 2 min	pAB	pDB	0.4446	0.05498	287	8.09	<.0001
Time 4 min	pAI	pAB	-0.02070	0.05087	287	-0.41	0.6844
Time 4 min	pAI	pDB	0.3651	0.05648	287	6.46	<.0001
Time 4 min	pAB	pDB	0.3858	0.05625	287	6.86	<.0001
Time 6 min	pAI	pAB	-0.09225	0.05175	287	-1.78	0.0757
Time 6 min	pAI	pDB	0.2812	0.05706	287	4.93	<.0001
Time 6 min	pAB	pDB	0.3734	0.05597	287	6.67	<.0001
Time 8 min	pAI	pAB	-0.1225	0.05196	287	-2.36	0.0190
Time 8 min	pAI	pDB	0.2329	0.05693	287	4.09	<.0001
Time 8 min	pAB	pDB	0.3554	0.05546	287	6.41	<.0001
Time 10 min	pAI	pAB	-0.07350	0.05220	287	-1.41	0.1602
Time 10 min	pAI	pDB	0.2453	0.05672	287	4.32	<.0001
Time 10 min	pAB	pDB	0.3188	0.05583	287	5.71	<.0001
Time 12 min	pAI	pAB	-0.06674	0.05118	287	-1.30	0.1933
Time 12 min	pAI	pDB	0.2597	0.05575	287	4.66	<.0001
Time 12 min	pAB	pDB	0.3264	0.05496	287	5.94	<.0001
Time 14 min	pAI	pAB	-0.1163	0.05268	287	-2.21	0.0281
Time 14 min	pAI	pDB	0.1814	0.05682	287	3.19	0.0016
Time 14 min	pAB	pDB	0.2978	0.05539	287	5.38	<.0001
Time 16 min	pAI	pAB	-0.1292	0.05335	287	-2.42	0.0161
Time 16 min	pAI	pDB	0.1449	0.05715	287	2.53	0.0118
Time 16 min	pAB	pDB	0.2740	0.05552	287	4.94	<.0001
Time 18 min	pAI	pAB	-0.1448	0.05365	287	-2.70	0.0073
Time 18 min	pAI	pDB	0.1460	0.05770	287	2.53	0.0120
Time 18 min	pAB	pDB	0.2908	0.05586	287	5.21	<.0001