

Figure 3G Left:

Date/MICE	3/5	6/5	11/5	14/5	18/5	21/5	25/5	28/5	1/6	4/6	8/6
SHASS 1	1.05	3.14	4.18	5.21	5.24	24.99	39.7	69.12	94.25	235.62	201.06
2	3.14	8.24	15.71	15.71	16.76	26.99	43.7	46.89	94.25	164.93	379.99
3	0.5236	0.5236	0.5236	0.5236	1.05	4.09	7.09	9.42			
4	0.5236	0.5236	0.5236	0.5236	0.52	12.19	21.57	29.94			
5	1.05	3.14	3.14	6.28	6.28	17.42	24.94	27.94			
6	2.09	2.09	3.14	6.28	12.57	20.94	59.13	71.83			
7	3.14	7.19	14.66	21.99	21.99	38.27	127.81	284.74			
8 *	*	*	*	2.09	3.14	6.28	10.47	9.57			
9	2.0944	3.1416	15.708	32.9868	32.9868	32.9868	32.9868	43.9824	43.9824	50.2656	314.16
10	2.0944	3.1416	15.708	23.562	25.1328	37.6992	43.9824	62.832	78.54	86.394	314.16
11	1.0472	1.5708	10.472	10.472	18.8496	18.8496	21.9912	41.888	57.596	86.394	117.81
12	1.0472	3.1416	15.708	15.708	21.9912	21.9912	25.1328	31.416	47.124	75.3984	117.81
13	3.1416	5.236	21.9912	16.7552	31.416	31.416	50.2656	54.4544	54.4544	73.304	196.35
AV	1.745167	3.423233	10.12203	12.16086	15.22511	22.62406	39.13606	60.30945	67.17097	110.3294	234.4771
SD	1.005858	2.395053	7.406952	9.996724	11.30196	10.97525	30.71097	70.34156	21.55916	65.85778	103.0093
EV 1	*	*	*	*	*	1.05	6.28	9.42	12.57	15.71	15.71
2	0.5236	2	2	3.14	3.14	3.14	3.14	10.57	13.71	23.56	23.56
3							0.52	2.09	2.09	3.14	3.14
4 *	*	*	*	0.52	2.09	2.09	3.14	4.71			
5 *	*	*	*	*	0.52	2.09	2.09	2.09			
6 *	*	*	*	0.5236	1.05	1.05	3.14	8.71			
7	1.05	1	1	1.05	3.14	4.19	4.19	3.14			
8 *	*	*	*	2.09	3.14	6.28	10.47	9.57			
9 *	*	*	*	*	2.0944	6.2832	6.2832	12.5664	15.708	31.416	20.944
10	2.0944	3.1416	12.5664	15.708	33.5104	33.5104	33.5104	56.5488	37.6992	56.5488	104.72
11 *	*	*	0.5236	2.0944	10.472	10.472	14.6608	21.9912	21.9912	32.9868	130.9
12	1.0472	1.5708	2.618	2.618	2.618	12.5664	12.5664	16.7552	33.5104	56.5488	104.72
13 *	*	0.5236	1.5708	1.5708	1.5708	2.0944	3.1416	3.1416	3.1416	3.1416	7.854
14 *	*	*	1.0472	1.5708	1.5708	3.1416	10.472	12.5664	21.9912	25.1328	41.888
15 *	*	*	0.5236	0.5236	1.5708	2.0944	4.1888	4.7124	5.236	5.236	31.416
16 *	*	*	*	0.5236	1.5708	2.0944	4.1888	4.7124	5.236	5.7596	4.1888
17	1.0472	1.0472	1.4399	1.36136	1.78024	4.39824	6.91152	8.3776	13.82304	19.16376	38.01336
AV	1.15248	1.5472	2.587722	2.561089	4.655883	6.034065	7.581972	11.27482	15.55889	23.19535	43.92118
SD	0.573449	0.932189	3.80275	4.040664	8.311138	8.031657	7.750961	12.86962	11.51801	18.81837	44.14308

Repeated Measures Analysis of Variance (Melanoma growth combined.sta)					
Sigma-restricted parameterization					
Effective hypothesis decomposition; Std. Error of Estimate: 40.28342					
Effect	SS	Degr. of Freedom	MS	F	p
Intercept	201471.8	1	201471.8	124.1542	0.000000
Group	86375.9	1	86375.9	53.2280	0.000001
Error	27586.8	17	1622.8		
TIME	288835.3	10	28883.5	48.9353	0.000000
TIME*Group	133758.1	10	13375.8	22.6617	0.000000
Error	100340.7	170	590.2		

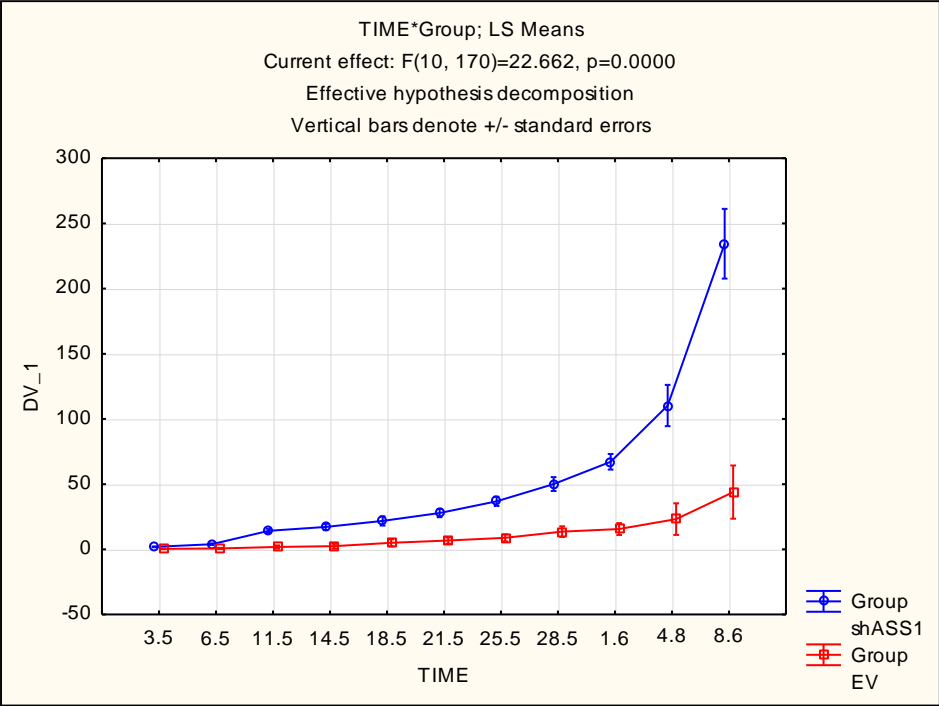
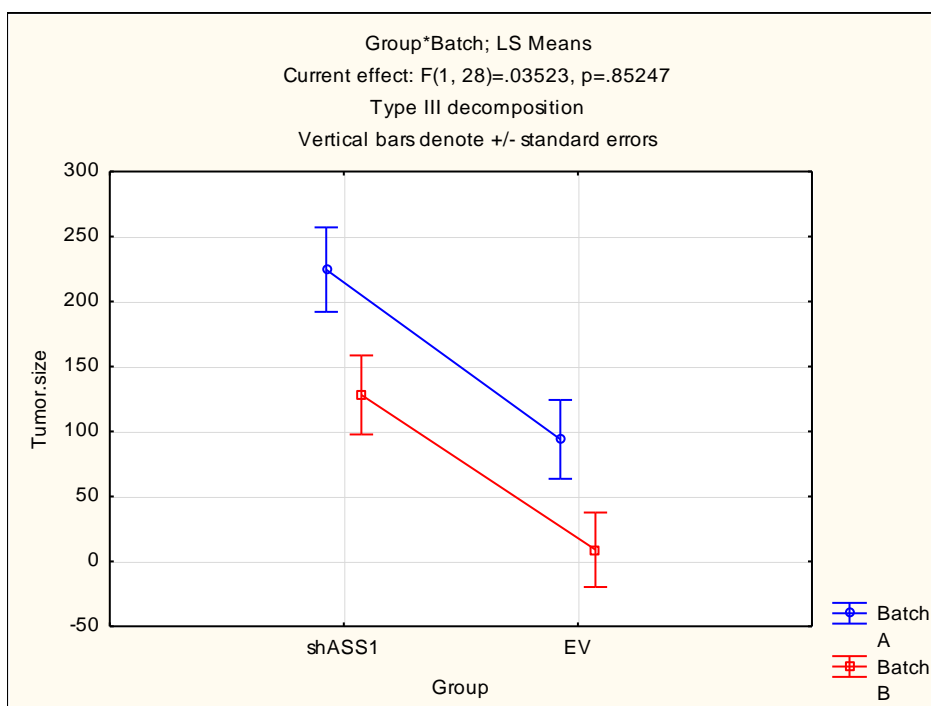


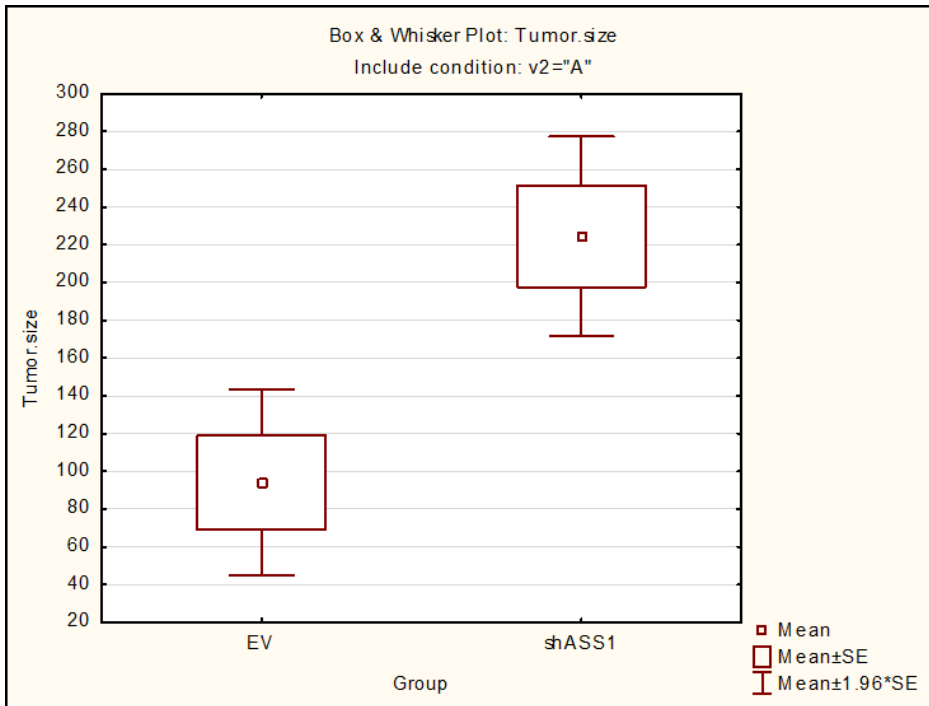
Figure 3G Right:

Tumor size mm ² PM		1 EV	A	84.446208
EV	84.44621	1 EV	A	102.8434176
EV	102.8434	1 EV	A	224.31024
EV	224.3102	1 EV	A	162.6175936
EV	162.6176	1 EV	A	17.69768
EV	17.69768	1 EV	A	87.65064
EV	87.65064	1 EV	A	55.1539296
EV	55.15393	1 EV	A	16.65048
EV	16.65048	2 EV	B	15.71
EV	15.71	2 EV	B	23.56
EV	23.56	2 EV	B	3.14
EV	3.14	2 EV	B	0
EV	0	2 EV	B	4.71
EV	4.71	2 EV	B	2.09
EV	2.09	2 EV	B	15.71
EV	15.71	2 EV	B	3.14
EV	3.14	2 EV	B	12.57
EV	12.57	1 shASS1	A	115.4538
		1 shASS1	A	146.3734272
shASS1	115.4538	1 shASS1	A	278.785584
shASS1	146.3734	1 shASS1	A	216.56096
shASS1	278.7856	1 shASS1	A	229.3305168
shASS1	216.561	1 shASS1	A	302.56226
shASS1	229.3305	1 shASS1	A	282.74
shASS1	302.5623	2 shASS1	B	47.12
shASS1	282.74	2 shASS1	B	201.06
shASS1	47.12	2 shASS1	B	379.99
shASS1	201.06	2 shASS1	B	9.42
shASS1	379.99	2 shASS1	B	20.94
shASS1	9.42	2 shASS1	B	20.94
shASS1	20.94	2 shASS1	B	62.83
shASS1	20.94	shASS1	B	282.74
shASS1	62.83			
shASS1	282.74			

Univariate Tests of Significance for Tumor.size (3g1.sta)								
Over-parameterized model								
Type III decomposition; Std. Error of Estimate: 85.94264								
Effect	Effect (F/R)	SS	Degr. of Freedom	MS	Den.Syn. Error df	Den.Syn. Error MS	F	p
Intercept	Fixed	411790.6	1	411790.6	1.00000	65276.57	6.3084	0.241219
Group	Fixed	123811.1	1	123811.1	1.00000	260.20	475.8225	0.029164
Batch	Random	65276.6	1	65276.6	1.00000	260.20	250.8665	0.040140
Group*Batch	Random	260.2	1	260.2	28.00000	7386.14	0.0352	0.852471
Error		206811.9	28	7386.1				



T-tests; Grouping: Group (3g1.sta)											
Group 1: EV											
Group 2: shASS1											
Include condition: v2="A"											
Variable	Mean EV	Mean shASS1	t-value	df	p	Valid N EV	Valid N shASS1	Std.Dev. EV	Std.Dev. shASS1	F-ratio Variances	p Variances
Tumor.size	93.92127	224.5438	-3.54950	13	0.003560	8	7	70.92540	71.31354	1.010975	0.972959



T-tests; Grouping: Group (3g1.sta)
Group 1: EV
Group 2: shASS1
Include condition: v2="B"

Variable	Mean EV	Mean shASS1	t-value	df	p	t separ. var. est.	df	p 2-sided	Valid N EV	Valid N shASS1	Std.Dev. EV	Std.Dev. shASS1	F-ratio Variances	p Variances
Tumor.size	8.958889	128.1300	-2.52882	15	0.023149	-2.37523	7.041113	0.049021	9	8	8.144038	141.7012	302.7385	0.000000

