

# Results

## ANOVA no inter

ANOVA - BS

Cases	Sum of Squares	df	Mean Square	F	p
Gln_dose	2.564×10 <sup>-4</sup>	2	1.282×10 <sup>-4</sup>	0.073	0.930
Ins_dose	0.003	2	0.001	0.762	0.474
Gln_dose * Ins_dose	0.014	4	0.004	2.013	0.113
Residuals	0.063	36	0.002		

Note. Type III Sum of Squares

**MANOVA no inter**

MANOVA

MANOVA: Pillai Test

Cases	df	Approx. F	Trace <sub>Pillai</sub>	Num df	Den df	p
(Intercept)	1	305370.725	1.000	2	35.000	5.865×10 <sup>-75</sup>
Ins_dose	2	1.600	0.163	4	72.000	0.184
Gln_dose	2	1.250	0.130	4	72.000	0.298
Ins_dose *	4	2.157	0.387	8	72.000	0.041
Gln_dose						
Residuals	36					

MANOVA: Wilks Test

Cases	df	Approx. F	Wilks' Λ	Num df	Den df	p
(Intercept)	1	305370.725	5.730×10 <sup>-5</sup>	2	35.000	5.865×10 <sup>-75</sup>
Ins_dose	2	1.626	0.837	4	70.000	0.177
Gln_dose	2	1.256	0.871	4	70.000	0.296
Ins_dose *	4	2.123	0.648	8	70.000	0.045
Gln_dose						
Residuals	36					

MANOVA: Hotelling-Lawley Test

Cases	df	Approx. F	Trace <sub>H-L</sub>	Num df	Den df	p
(Intercept)	1	305370.725	17449.756	2	35.000	5.865×10 <sup>-75</sup>
Ins_dose	2	1.648	0.194	4	68.000	0.172
Gln_dose	2	1.259	0.148	4	68.000	0.294
Ins_dose *	4	2.088	0.491	8	68.000	0.049
Gln_dose						
Residuals	36					

MANOVA: Roy Test

Cases	df	Approx. F	Largest Root	Num df	Den df	p
(Intercept)	1	305370.725	17449.756	2	35.000	5.865×10 <sup>-75</sup>
Ins_dose	2	3.441	0.191	2	36.000	0.043
Gln_dose	2	2.607	0.145	2	36.000	0.088
Ins_dose *	4	2.986	0.332	4	36.000	0.032
Gln_dose						
Residuals	36					

Bayesian ANOVA no inter

Model Comparison

Models	P(M)	P(M data)	BF <sub>M</sub>	BF <sub>10</sub>	error %
Null model	0.200	0.646	7.307	1.000	
Ins_dose	0.200	0.176	0.854	0.272	0.009
Gln_dose	0.200	0.111	0.501	0.172	0.008
Ins_dose + Gln_dose	0.200	0.037	0.152	0.057	1.943
Ins_dose * Gln_dose					
Ins_dose + Gln_dose	0.200	0.030	0.124	0.046	1.168

