Statistiques Volumes

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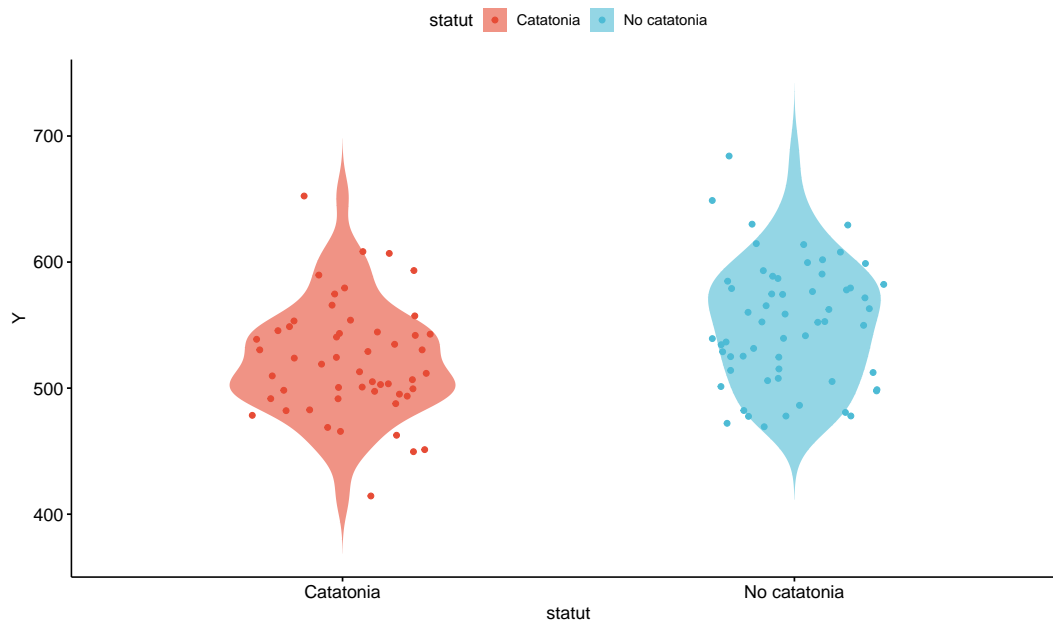
Statistics on volumes

Analyzing White Matter (WM) volume cm3

Table 1: Analyzing White Matter (WM) volume cm3 ~ statut + ECT + age +sex + tesla + duree_pec_psy + equivalent_olz_1 + equivalent_valium_10

	Sum Sq	Df	F value	Pr(>F)
statut	2.346430e+24	1	11.3923077	0.0010694

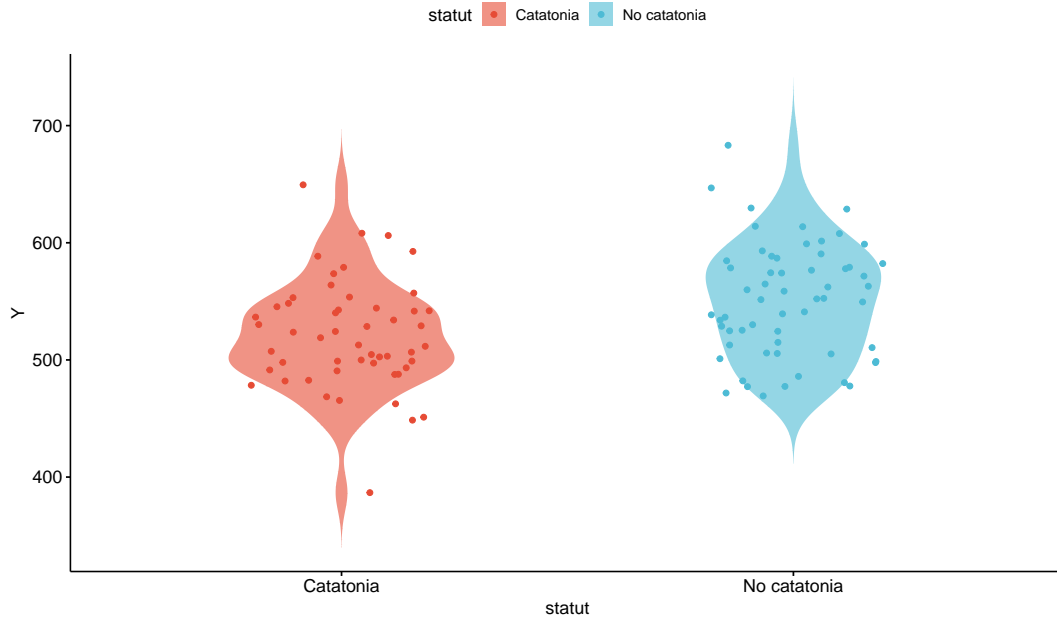|	Sum Sq	Df	F value	Pr(>F)
Age	1.024416e+23	1	0.4973711	0.4823831
Sex	1.175454e+22	1	0.0570703	0.8117025
tesla	1.500354e+24	1	7.2844680	0.0082330
duree_pec_psy	5.682079e+23	1	2.7587440	0.1000212
equivalent_olz_1	1.214006e+23	1	0.5894202	0.4445475
equivalent_valium_10	2.923536e+23	1	1.4194252	0.2364661
Residuals	1.956679e+25	95	NA	NA

adjusted pvalue 0.02305457

Analyzing Normal Appearing White Matter volume cm3

Table 2: Analyzing Normal Appearing White Matter volume cm3
~ statut + ECT + age +sex + tesla + duree_pec_psy + equivalent_olz_1 + equivalent_valium_10

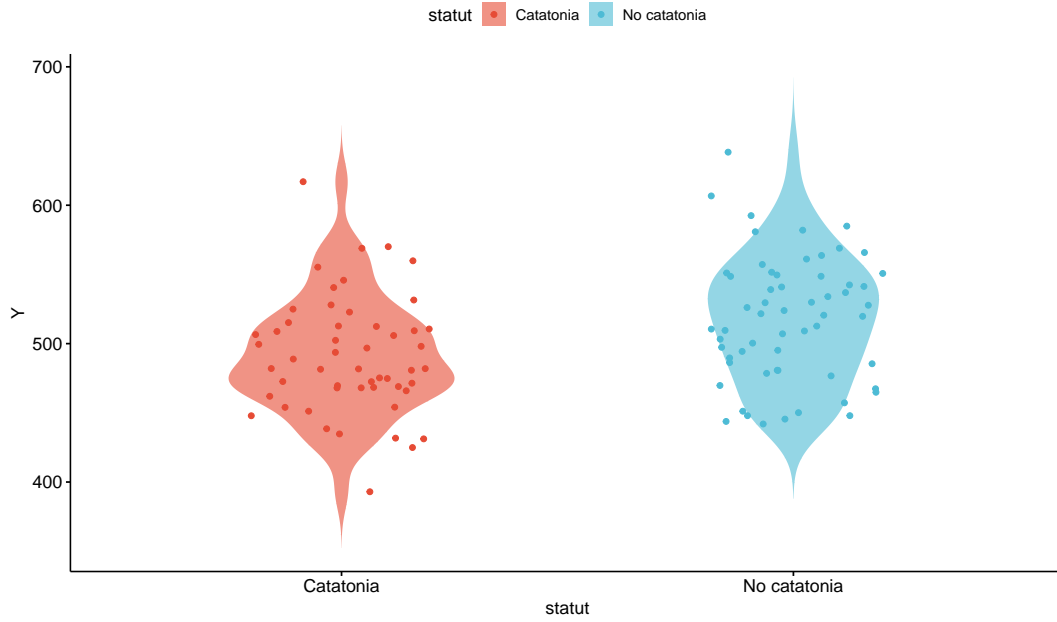|	Sum Sq	Df	F value	Pr(>F)
statut	2.520130e+24	1	11.9398074	0.0008230
Age	5.043968e+22	1	0.2389718	0.6260764
Sex	2.201785e+22	1	0.1043156	0.7474208
tesla	1.633870e+24	1	7.7409098	0.0065120
duree_pec_psy	5.708850e+23	1	2.7047244	0.1033566
equivalent_olz_1	1.199962e+23	1	0.5685152	0.4527144
equivalent_valium_10	2.901237e+23	1	1.3745407	0.2439649
Residuals	2.005161e+25	95	NA	NA

adjusted pvalue 0.02305457

Analyzing Cerebrum WM total volume cm3

Table 3: Analyzing Cerebrum WM total volume cm3 ~ statut + ECT + age +sex + tesla + duree_pec_psy + equivalent_olz_1 + equivalent_valium_10

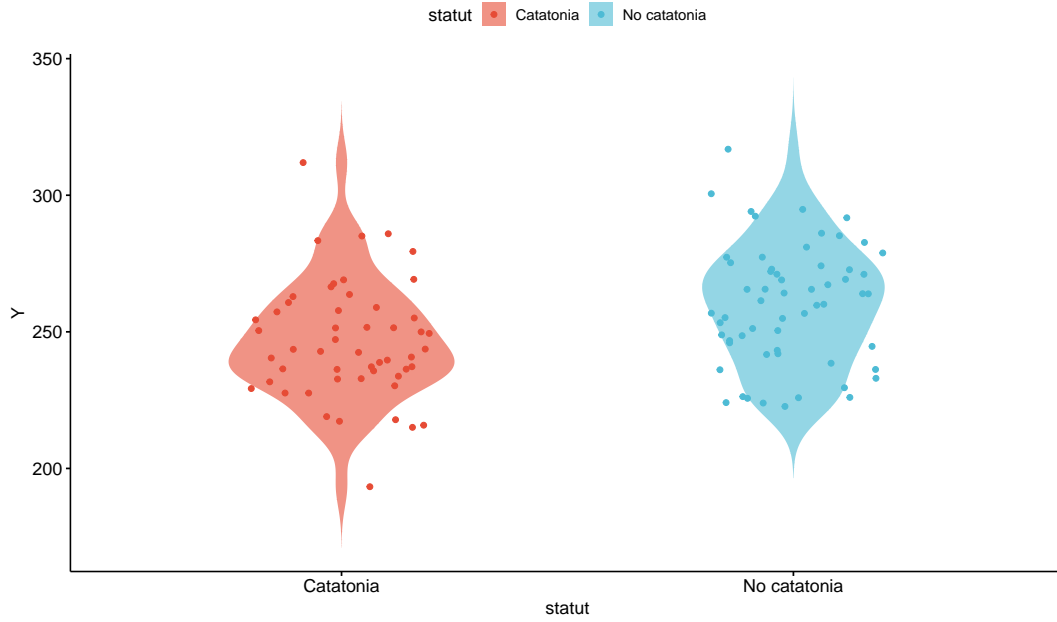|	Sum Sq	Df	F value	Pr(>F)
statut	1.965536e+24	1	10.8936620	0.0013599
Age	1.218492e+23	1	0.6753292	0.4132575
Sex	4.064116e+21	1	0.0225247	0.8810179
tesla	1.342633e+24	1	7.4413268	0.0075936
duree_pec_psy	5.282918e+23	1	2.9279713	0.0903202
equivalent_olz_1	9.583580e+22	1	0.5311543	0.4679148
equivalent_valium_10	2.653424e+23	1	1.4706168	0.2282554
Residuals	1.714078e+25	95	NA	NA

adjusted pvalue 0.02305457

Analyzing Cerebrum WM right volume cm3

Table 4: Analyzing Cerebrum WM right volume cm3 ~ statut +
ECT + age +sex + tesla + duree_pec_psy + equivalent_olz_1 +
equivalent_valium_10

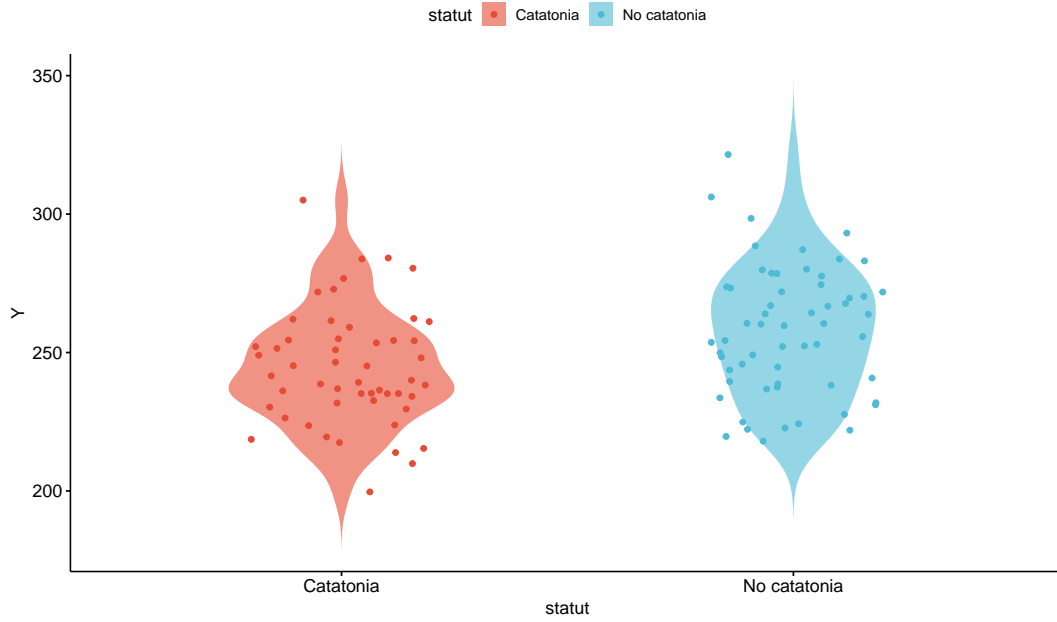|	Sum Sq	Df	F value	Pr(>F)
statut	4.933134e+23	1	11.0945305	0.0012341
Age	1.511772e+22	1	0.3399949	0.5612138
Sex	9.433909e+20	1	0.0212167	0.8844988
tesla	3.501417e+23	1	7.8746248	0.0060822
duree_pec_psy	1.246193e+23	1	2.8026668	0.0973971
equivalent_olz_1	2.736375e+22	1	0.6154058	0.4347114
equivalent_valium_10	5.722127e+22	1	1.2868963	0.2594751
Residuals	4.224133e+24	95	NA	NA

adjusted pvalue 0.02305457

Analyzing Cerebrum WM left volume cm3

Table 5: Analyzing Cerebrum WM left volume cm3 ~ statut + ECT + age +sex + tesla + duree_pec_psy + equivalent_olz_1 + equivalent__valium_10

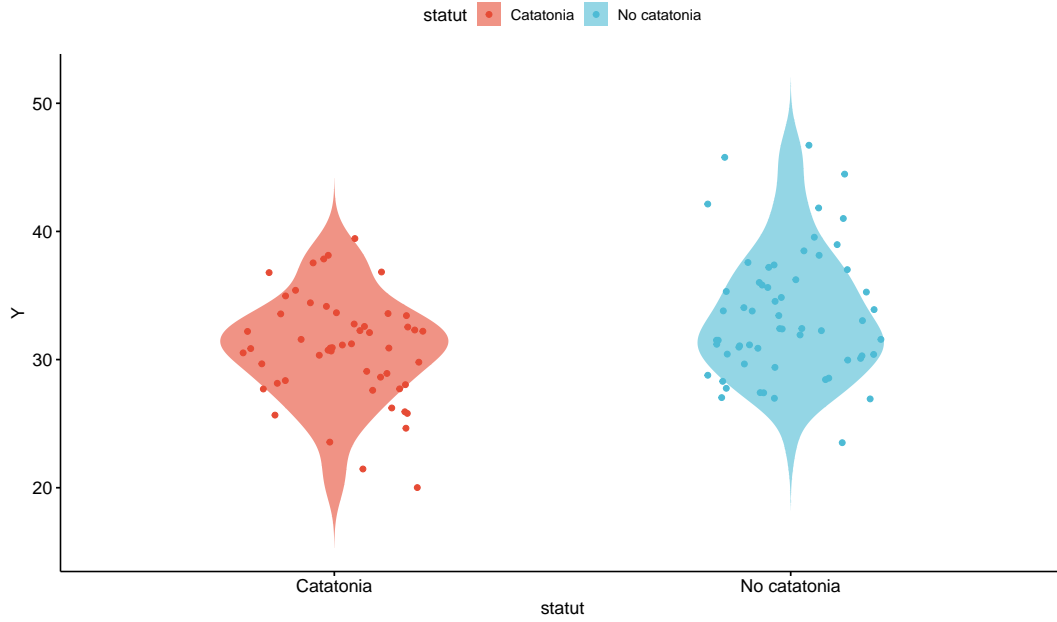|	Sum Sq	Df	F value	Pr(>F)
statut	4.894582e+23	1	10.5353397	0.0016181
Age	5.112853e+22	1	1.1005157	0.2968145
Sex	1.091404e+21	1	0.0234919	0.8785099
tesla	3.214802e+23	1	6.9196992	0.0099466
duree__pec__psy	1.397427e+23	1	3.0078917	0.0861036
equivalent__olz__1	2.078026e+22	1	0.4472846	0.5052492
equivalent__valium__10	7.612326e+22	1	1.6385147	0.2036463
Residuals	4.413577e+24	95	NA	NA

adjusted pvalue 0.02305457

Analyzing Cerebellum WM total volume cm3

Table 6: Analyzing Cerebellum WM total volume cm3 ~ statut + ECT + age +sex + tesla + duree_pec_psy + equivalent_olz_1 + equivalent_valium_10

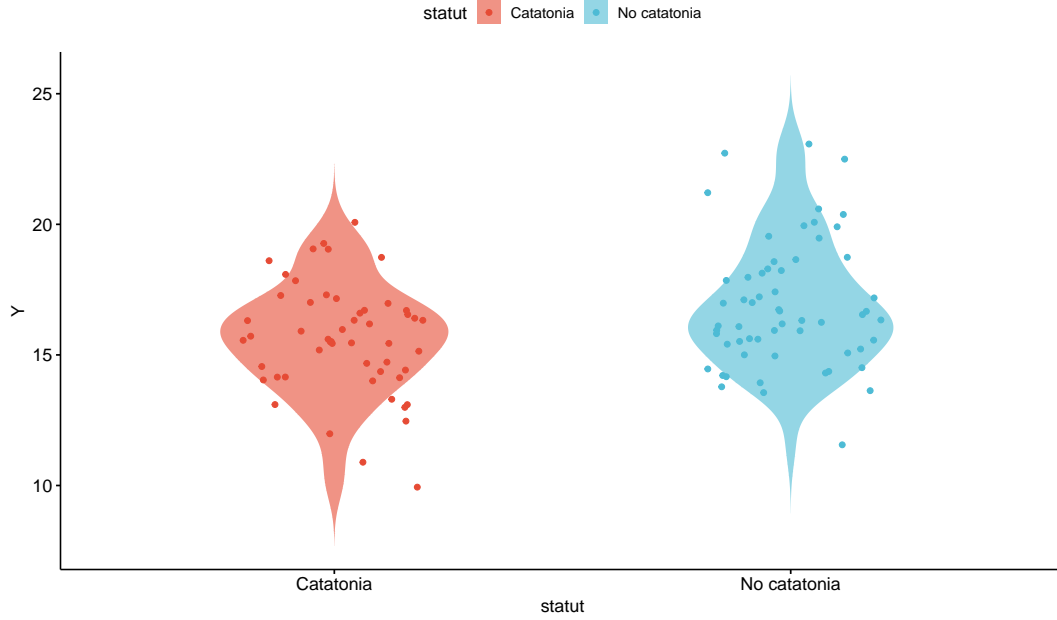|	Sum Sq	Df	F value	Pr(>F)
statut	1.685597e+22	1	8.0944270	0.0054386
Age	8.412733e+20	1	0.4039889	0.5265645
Sex	1.995167e+21	1	0.9581016	0.3301517
tesla	4.378277e+21	1	2.1024975	0.1503523
duree_pec_psy	7.267598e+20	1	0.3489982	0.5560836
equivalent_olz_1	1.509488e+21	1	0.7248731	0.3966911
equivalent_valium_10	6.545188e+20	1	0.3143073	0.5763689
Residuals	1.978296e+23	95	NA	NA

adjusted pvalue 0.02305457

Analyzing Cerebellum WM right volume cm3

Table 7: Analyzing Cerebellum WM right volume cm3 ~ statut + ECT + age +sex + tesla + duree_pec_psy + equivalent_olz_1 + equivalent_valium_10

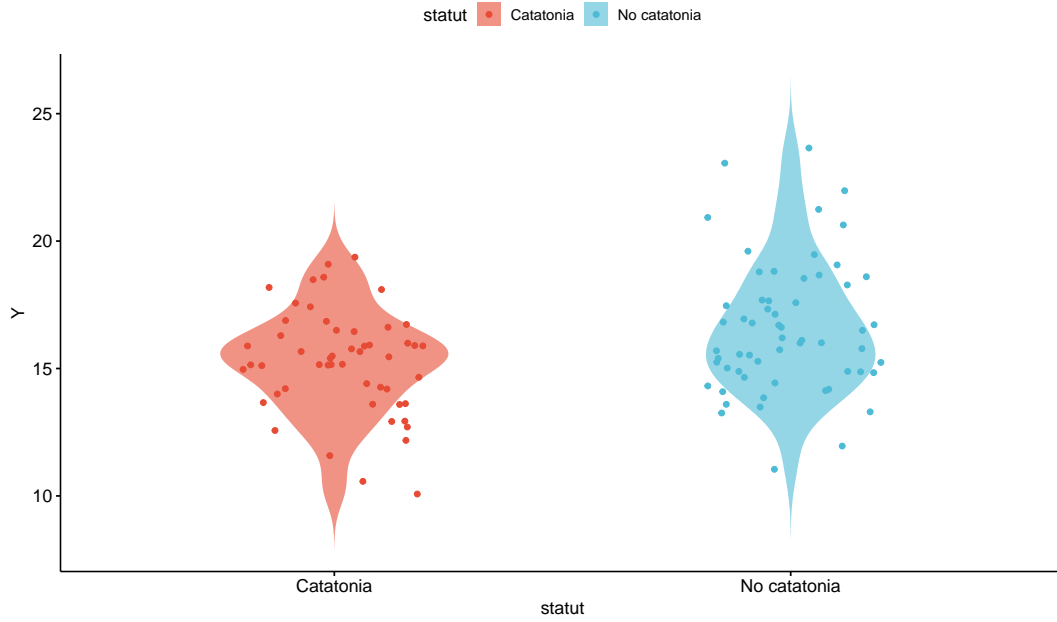|	Sum Sq	Df	F value	Pr(>F)
statut	4.187104e+21	1	8.1720349	0.0052286
Age	3.407862e+20	1	0.6651177	0.4167990
Sex	5.730663e+20	1	1.1184623	0.2929316
tesla	1.141122e+21	1	2.2271452	0.1389177
duree_pec_psy	3.537499e+20	1	0.6904192	0.4081053
equivalent_olz_1	5.393360e+20	1	1.0526304	0.3075074
equivalent_valium_10	1.581358e+20	1	0.3086360	0.5798243
Residuals	4.867513e+22	95	NA	NA

adjusted pvalue 0.02305457

Analyzing Cerebellum WM left volume cm3

Table 8: Analyzing Cerebellum WM left volume cm3 ~ statut + ECT + age +sex + tesla + duree_pec_psy + equivalent_olz_1 + equivalent_valium_10

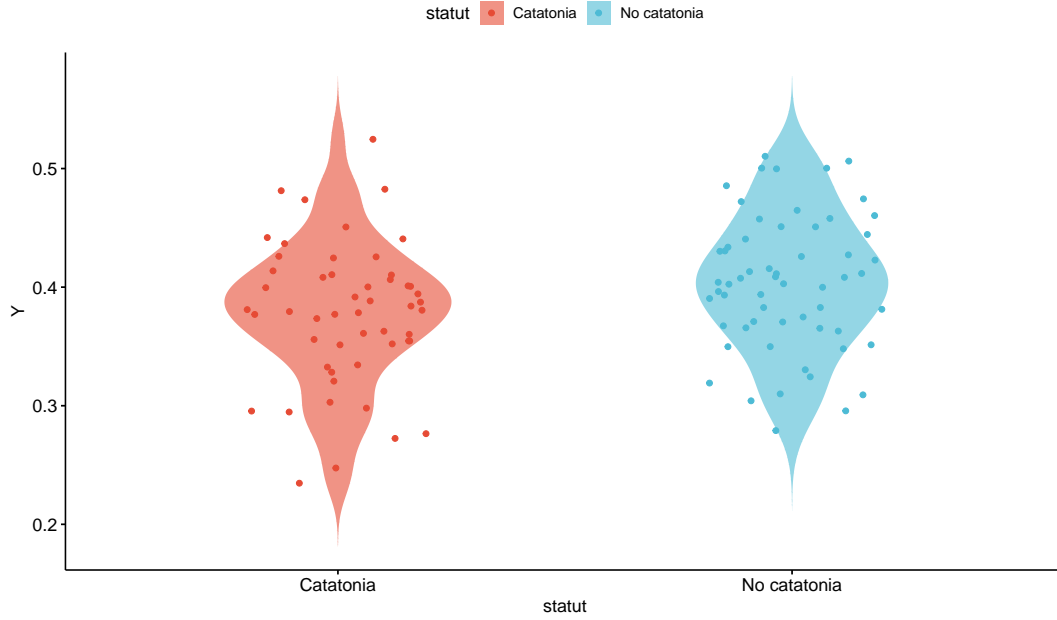|	Sum Sq	Df	F value	Pr(>F)
statut	4.240956e+21	1	7.6153186	0.0069445
Age	1.111786e+20	1	0.1996390	0.6560294
Sex	4.297152e+20	1	0.7716228	0.3819318
tesla	1.048956e+21	1	1.8835691	0.1731607
duree_pec_psy	6.644317e+19	1	0.1193094	0.7305484
equivalent_olz_1	2.442371e+20	1	0.4385670	0.5094183
equivalent_valium_10	1.692303e+20	1	0.3038803	0.5827542
Residuals	5.290531e+22	95	NA	NA

adjusted pvalue 0.02305457

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Analyzing Accumbens left volume cm3

Table 9: Analyzing Accumbens left volume cm3 ~ statut + ECT + age +sex + tesla + duree_pec_psy + equivalent_olz_1 + equivalent_valium_10

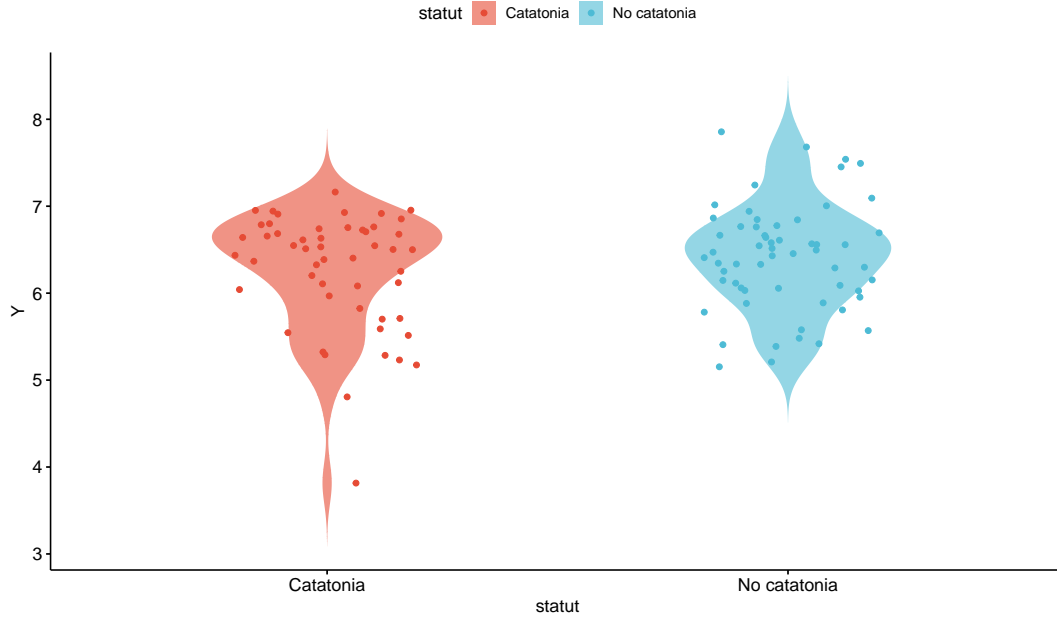|	Sum Sq	Df	F value	Pr(>F)
statut	2.267000e+18	1	9.5844812	0.0025790
Age	9.950109e+18	1	42.0673280	0.0000000
Sex	1.964458e+18	1	8.3053849	0.0048872
tesla	2.194759e+15	1	0.0092791	0.9234631
duree_pec_psy	7.016256e+17	1	2.9663506	0.0882676
equivalent_olz_1	5.943890e+17	1	2.5129732	0.1162360
equivalent_valium_10	7.668337e+17	1	3.2420393	0.0749446
Residuals	2.247018e+19	95	NA	NA

adjusted pvalue 0.02305457

Analyzing Thalamus right volume cm3

Table 10: Analyzing Thalamus right volume cm3 ~ statut + ECT + age +sex + tesla + duree_pec_psy + equivalent_olz_1 + equivalent_valium_10

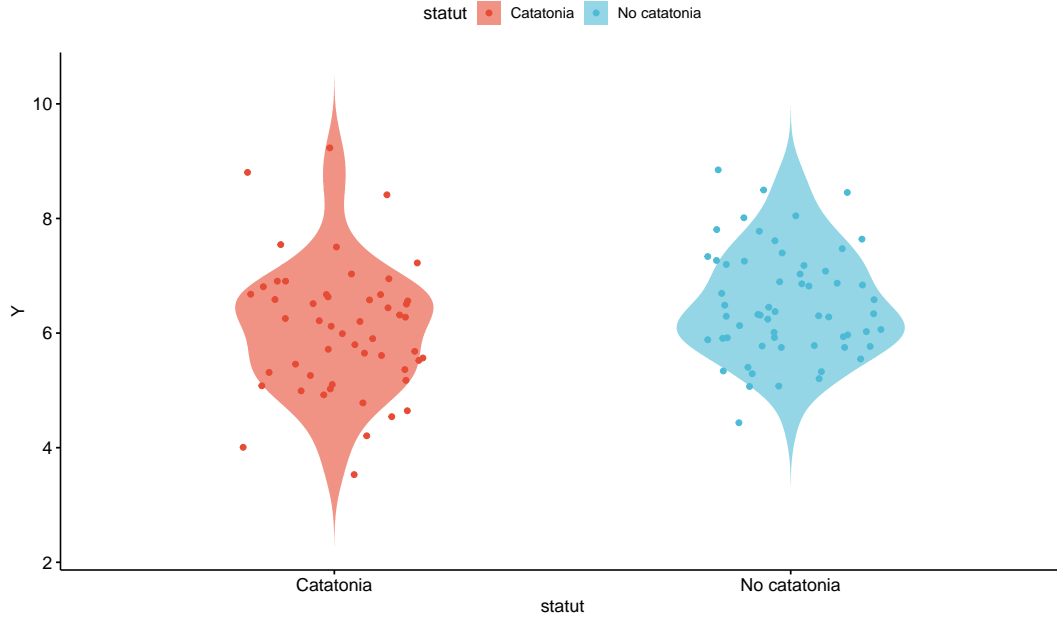|	Sum Sq	Df	F value	Pr(>F)
statut	1.604294e+20	1	6.7100225	0.0110964
Age	1.728973e+21	1	72.3150031	0.0000000
Sex	3.427917e+20	1	14.3374004	0.0002677
tesla	1.056236e+20	1	4.4177477	0.0382128
duree_pec_psy	3.504237e+19	1	1.4656611	0.2290349
equivalent_olz_1	4.226582e+19	1	1.7677851	0.1868403
equivalent_valium_10	3.915346e+18	1	0.1637609	0.6866270
Residuals	2.271347e+21	95	NA	NA

adjusted pvalue 0.03881905

Analyzing ACgG left volume cm3

Table 11: Analyzing ACgG left volume cm3 ~ statut + ECT + age +sex + tesla + duree_pec_psy + equivalent_olz_1 + equivalent_valium_10

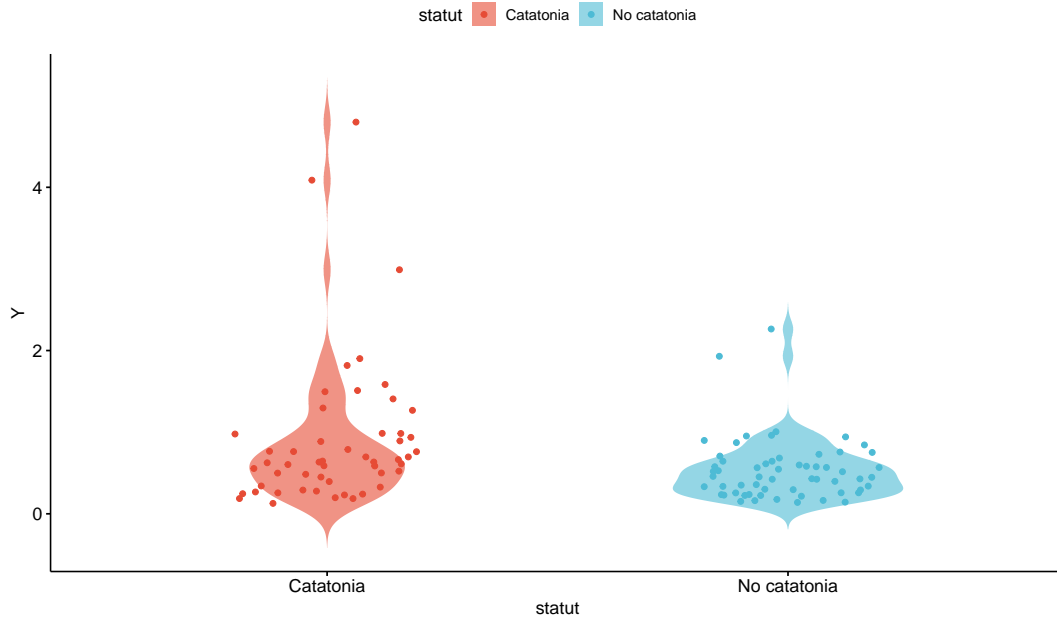|	Sum Sq	Df	F value	Pr(>F)
statut	6.237052e+20	1	6.7123996	0.0110826
Age	1.322460e+21	1	14.2324946	0.0002809
Sex	4.854190e+19	1	0.5224145	0.4715892
tesla	1.563849e+20	1	1.6830360	0.1976632
duree_pec_psy	1.036970e+19	1	0.1116001	0.7390660
equivalent_olz_1	4.544435e+19	1	0.4890782	0.4860476
equivalent_valium_10	2.879362e+18	1	0.0309881	0.8606417
Residuals	8.827245e+21	95	NA	NA

adjusted pvalue 0.03970166

Analyzing Inf, Lateral Ventricle total volume cm3

Table 12: Analyzing Inf, Lateral Ventricle total volume cm3 ~ statut
+ ECT + age +sex + tesla + duree_pec_psy + equivalent_olz_1
+ equivalent_valium_10

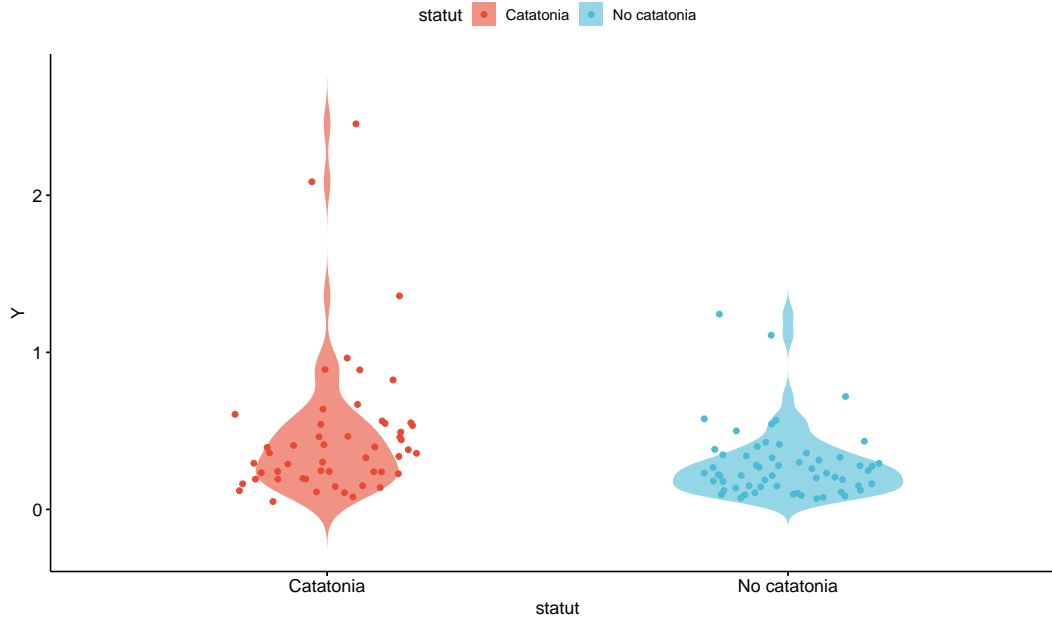|	Sum Sq	Df	F value	Pr(>F)
statut	3.909920e+20	1	9.2268195	0.0030792
Age	5.057695e+20	1	11.9353933	0.0008248
Sex	8.962009e+19	1	2.1148983	0.1491677
tesla	1.932471e+20	1	4.5603380	0.0352924
duree_pec_psy	8.527719e+17	1	0.0201241	0.8874914
equivalent_olz_1	1.187693e+19	1	0.2802775	0.5977544
equivalent_valium_10	1.885935e+17	1	0.0044505	0.9469510
Residuals	4.025682e+21	95	NA	NA

adjusted pvalue 0.02305457

Analyzing Inf, Lateral Ventricle right volume cm3

Table 13: Analyzing Inf, Lateral Ventricle right volume cm3 ~ statut + ECT + age +sex + tesla + duree_pec_psy + equivalent_olz_1 + equivalent_valium_10

	Sum Sq	Df	F value	Pr(>F)
statut	9.430640e+19	1	8.3072546	0.0048826
Age	1.252087e+20	1	11.0293770	0.0012736
Sex	1.100062e+19	1	0.9690215	0.3274248
tesla	4.936039e+19	1	4.3480541	0.0397329
duree_pec_psy	1.280678e+17	1	0.0112812	0.9156372
equivalent_olz_1	1.019154e+18	1	0.0897752	0.7651178
equivalent_valium_10	2.282344e+17	1	0.0201047	0.8875453
Residuals	1.078468e+21	95	NA	NA

adjusted pvalue 0.0283563

Analyzing Inf, Lateral Ventricle left volume cm3

Table 14: Analyzing Inf, Lateral Ventricle left volume cm3 ~ statut + ECT + age +sex + tesla + duree_pec_psy + equivalent_olz_1 + equivalent_valium_10

	Sum Sq	Df	F value	Pr(>F)
statut	1.012465e+20	1	9.1864985	0.0031416
Age	1.276789e+20	1	11.5848244	0.0009751
Sex	3.782079e+19	1	3.4316330	0.0670638
tesla	4.727173e+19	1	4.2891549	0.0410680
duree_pec_psy	3.198579e+17	1	0.0290220	0.8650905
equivalent_olz_1	5.938077e+18	1	0.5387857	0.4647442
equivalent_valium_10	1.887485e+15	1	0.0001713	0.9895861
Residuals	1.047016e+21	95	NA	NA

adjusted pvalue 0.02305457