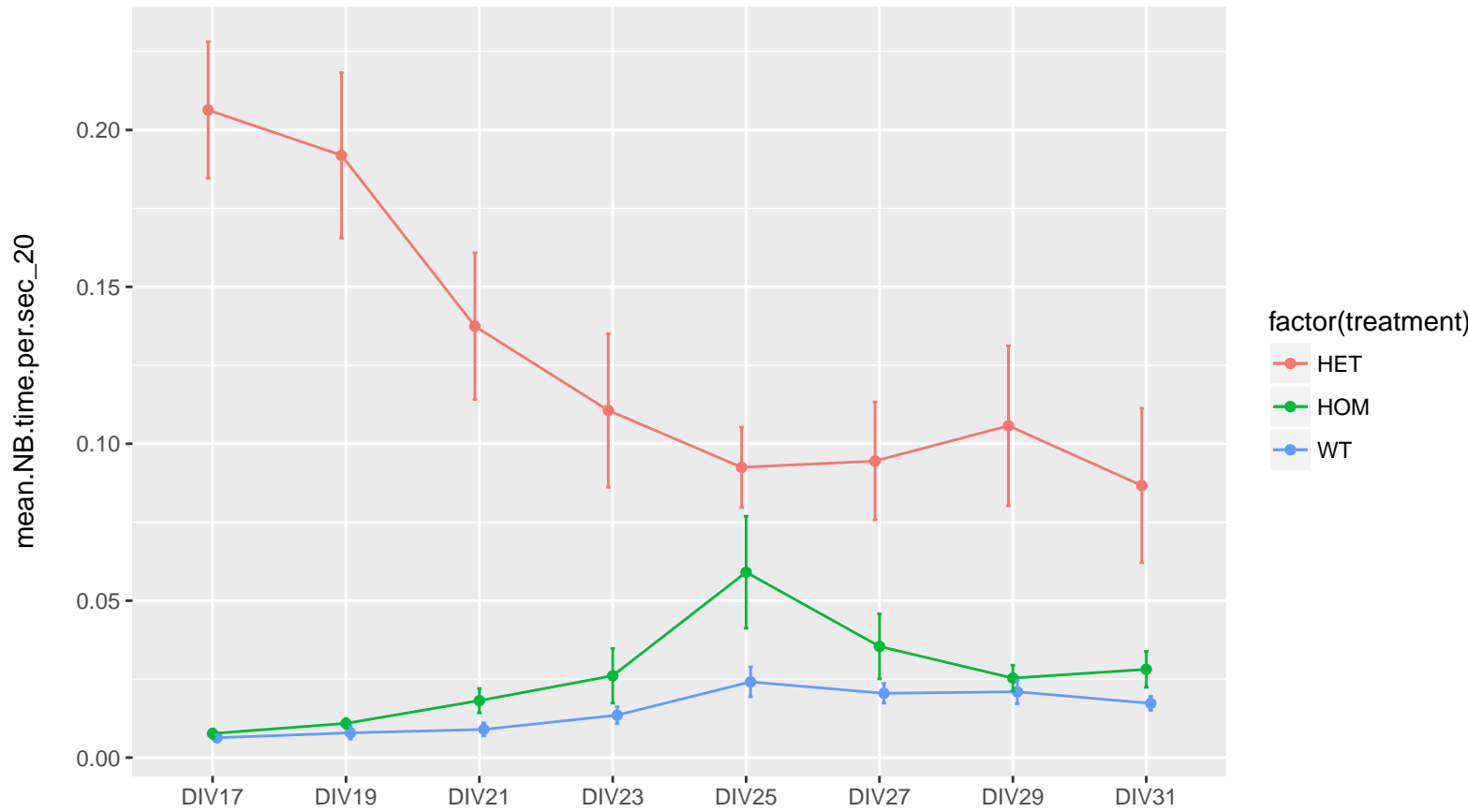
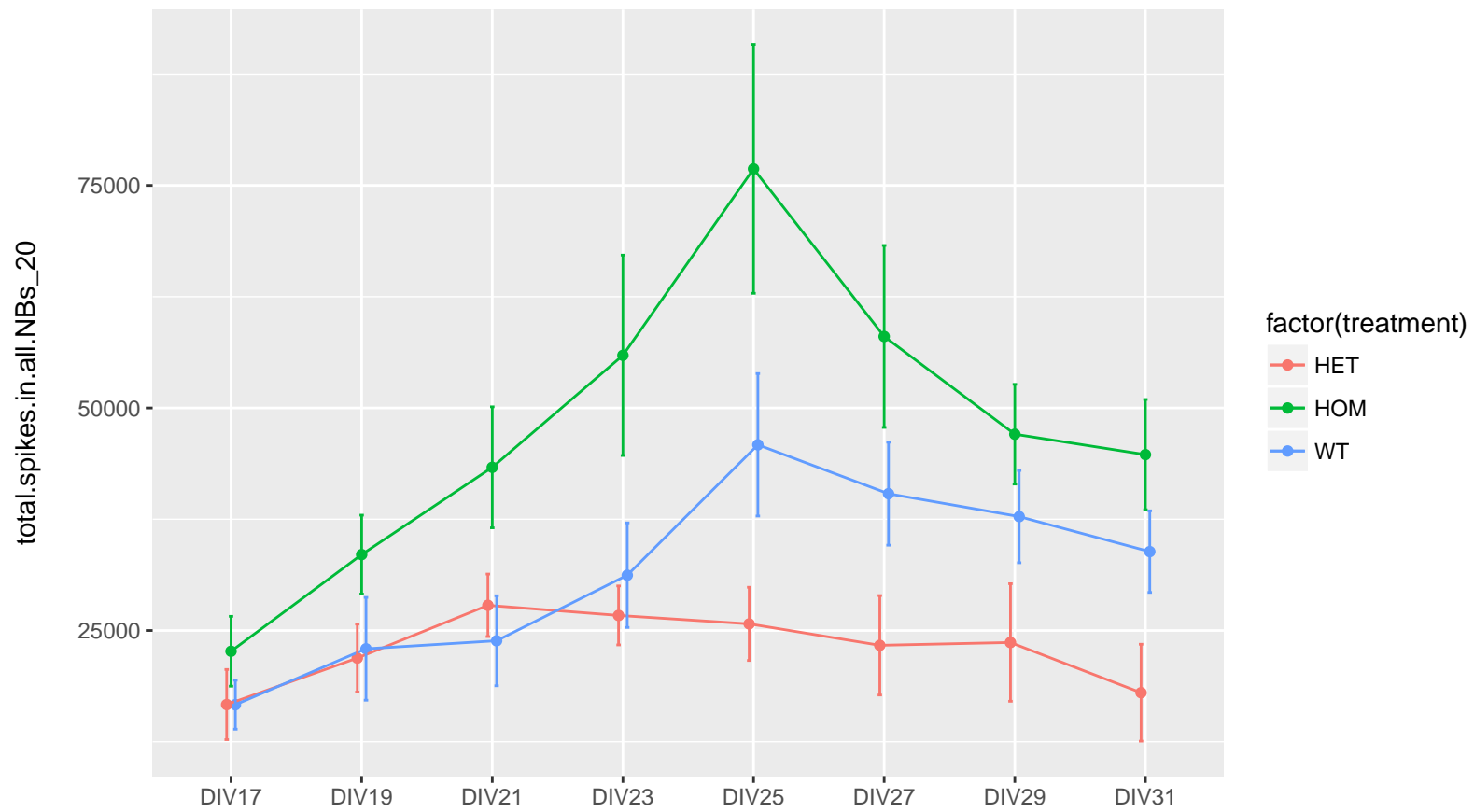


Kcnt1Y777H\_20170817\_500659\_mean.NB.time.per.sec\_20



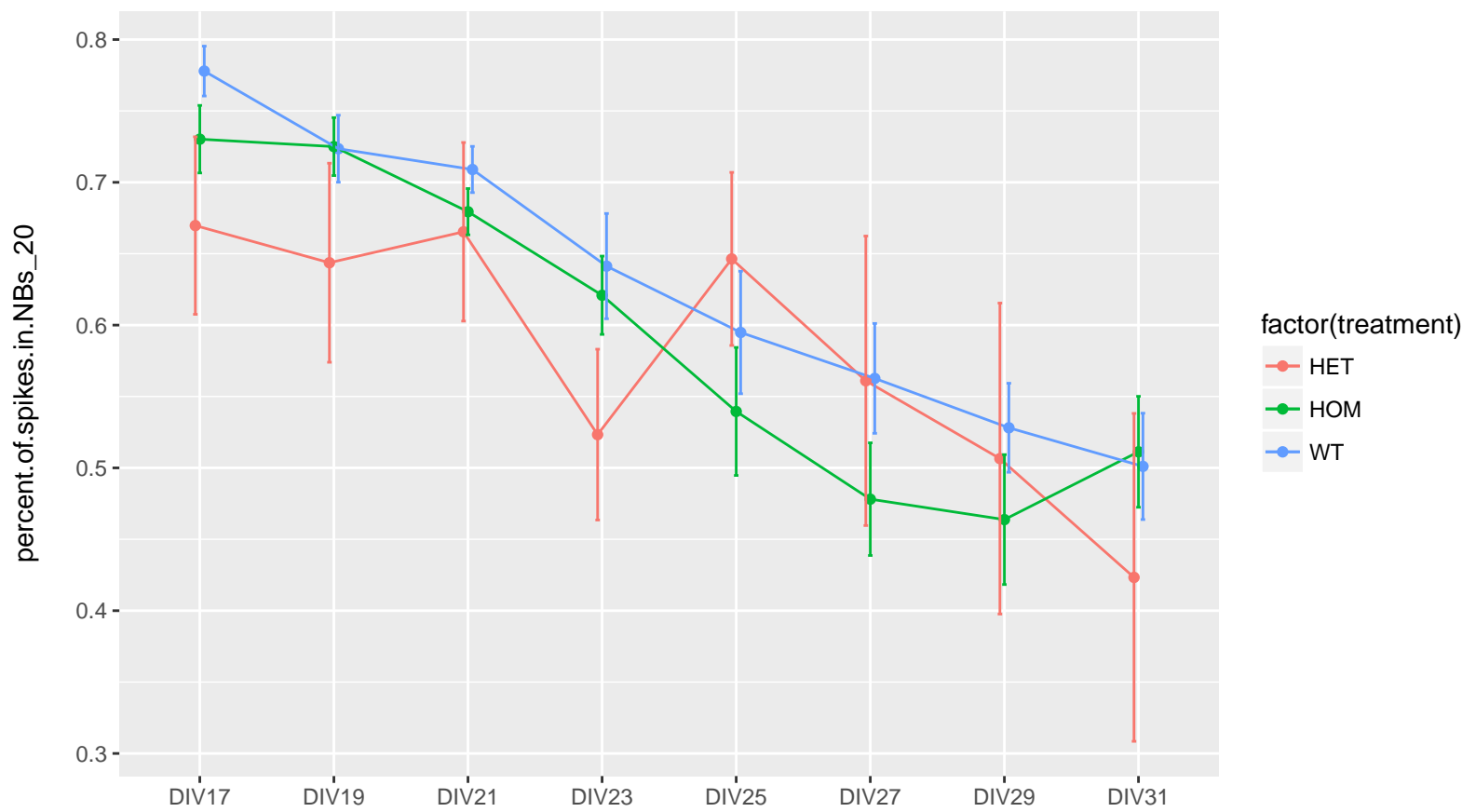
	Treatment/Genotype	perm.pval	MW.pval
1	WT vs. HOM	0.3	0.00334
2	WT vs. HET	< 0.1	6.57e-21

Kcnt1Y777H\_20170817\_500659\_total.spikes.in.all.NBs\_20



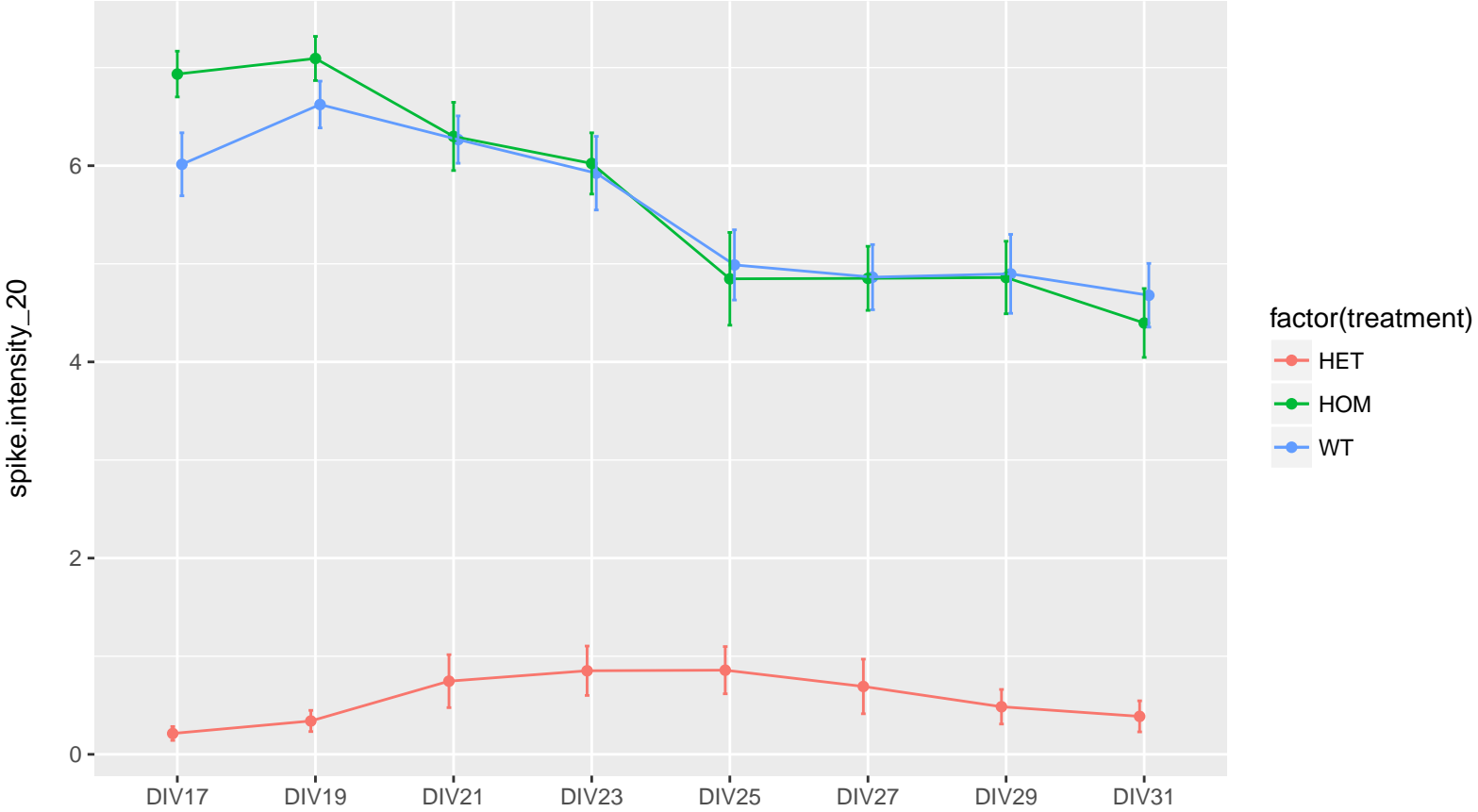
	Treatment/Genotype	perm.pval	MW.pval
1	WT vs. HOM	< 0.1	3.2e−05
2	WT vs. HET	0.5	0.0306

Kcnt1Y777H\_20170817\_500659\_percent.of.spikes.in.NBs\_20



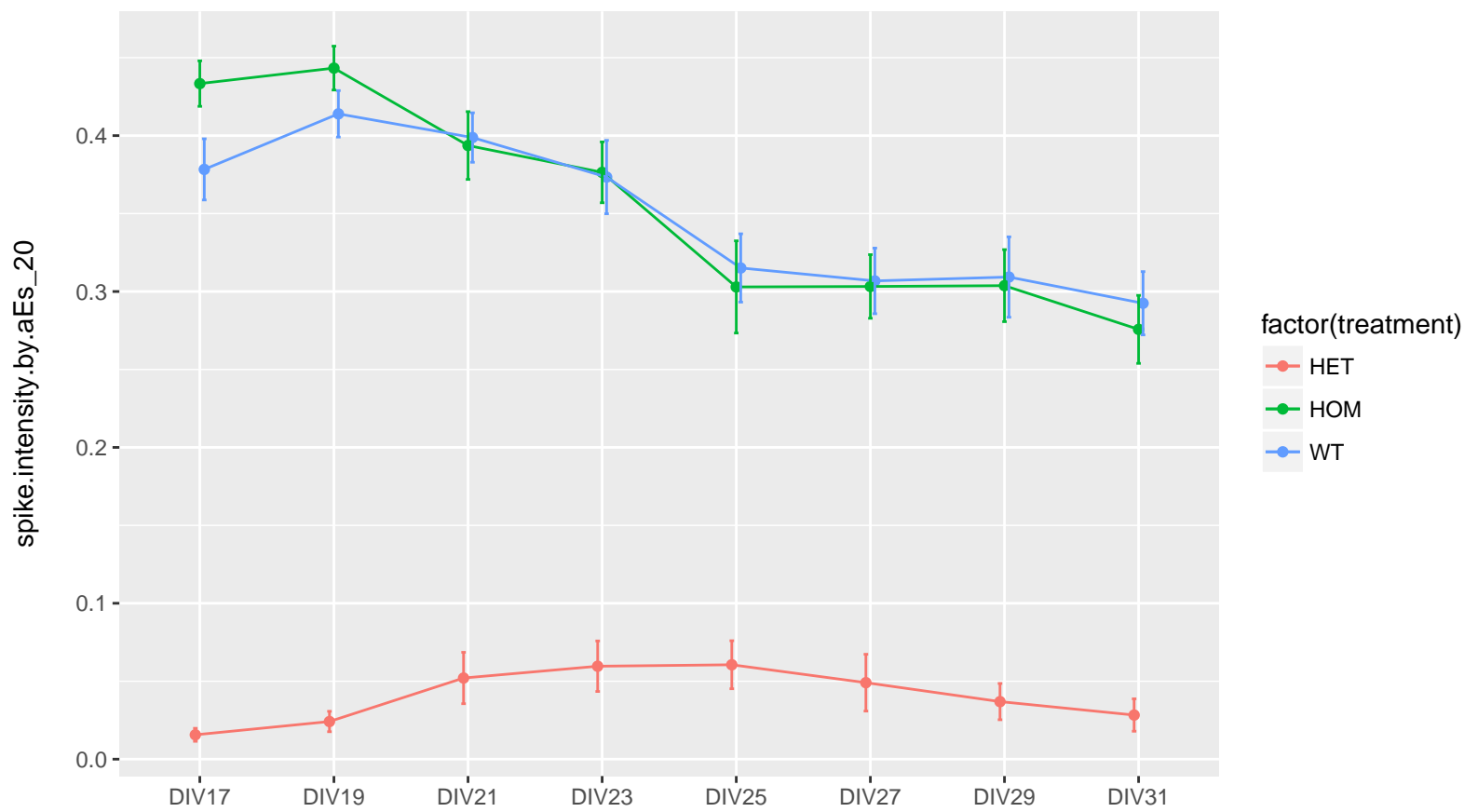
	Treatment/Genotype	perm.pval	MW.pval
1	WT vs. HOM	0.1	0.0843
2	WT vs. HET	0.8	0.429

Kcnt1Y777H\_20170817\_500659\_spike.intensity\_20



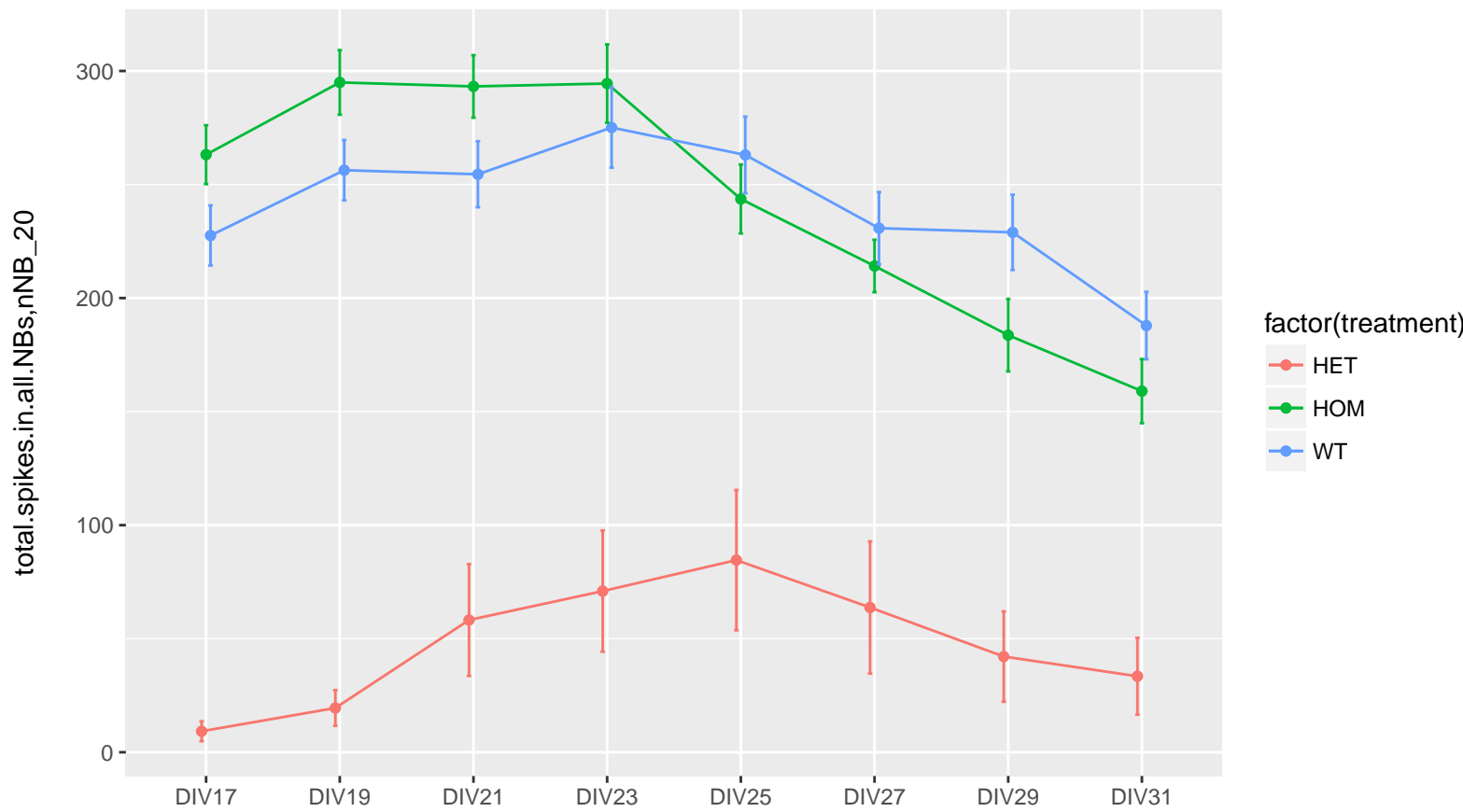
	Treatment/Genotype	perm.pval	MW.pval
1	WT vs. HOM	0.8	0.41
2	WT vs. HET	< 0.1	1.79e-31

Kcnt1Y777H\_20170817\_500659\_spike.intensity.by.aEs\_20



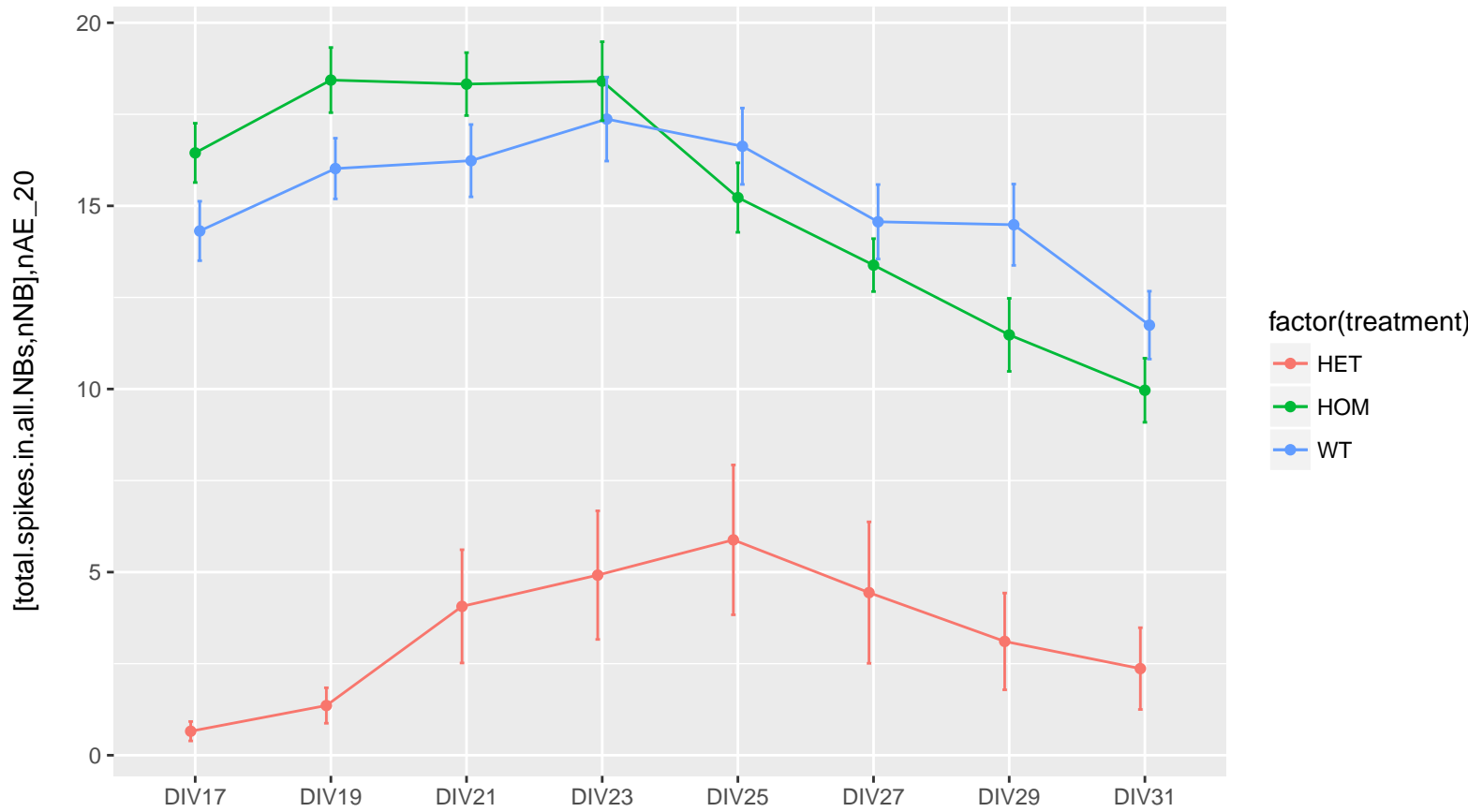
	Treatment/Genotype	perm.pval	MW.pval
1	WT vs. HOM	0.6	0.569
2	WT vs. HET	< 0.1	1.9e-31

Kcnt1Y777H\_20170817\_500659\_total.spikes.in.all.NBs,nNB\_20



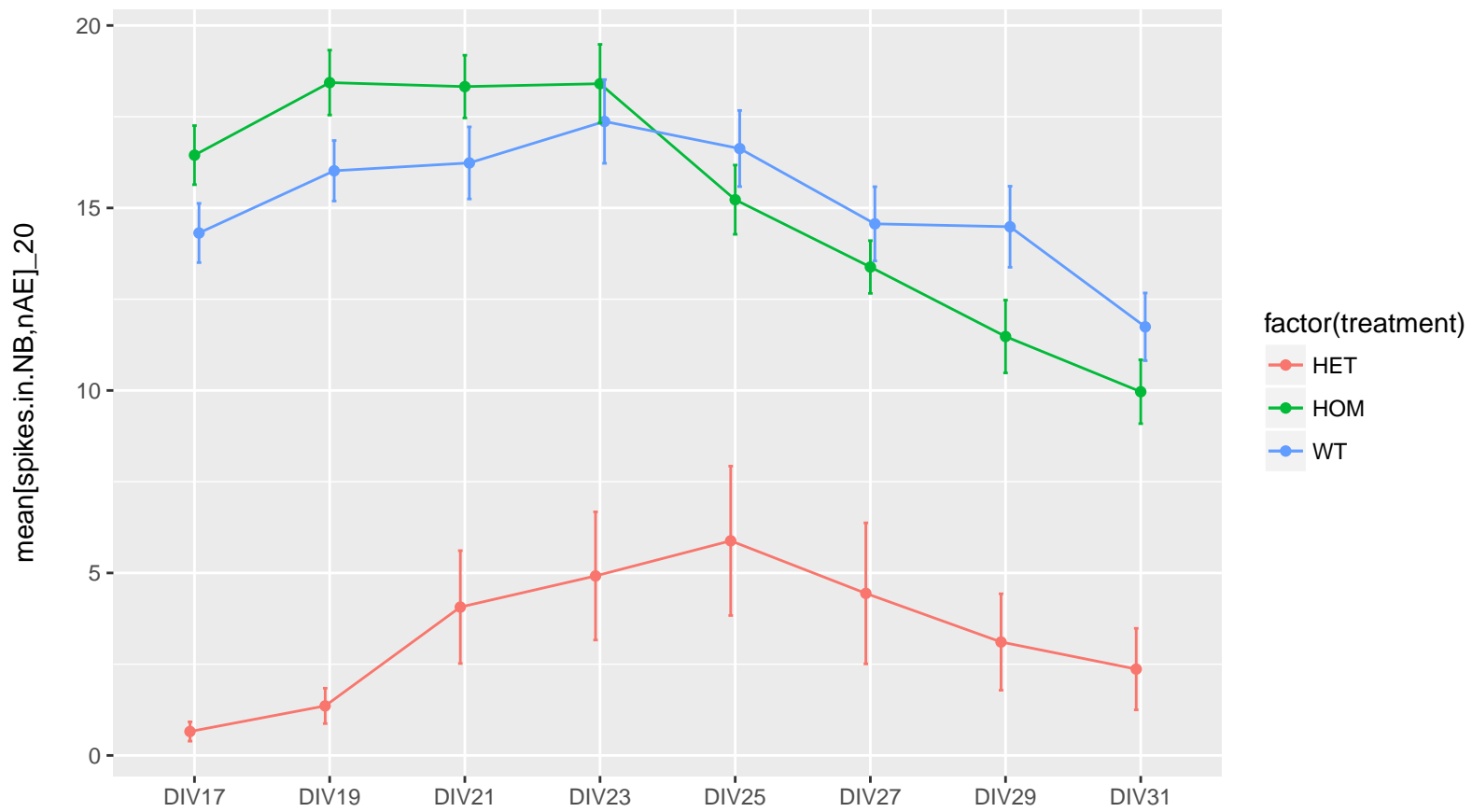
	Treatment/Genotype	perm.pval	MW.pval
1	WT vs. HOM	0.8	0.759
2	WT vs. HET	< 0.1	1.06e−26

Kcnt1Y777H\_20170817\_500659\_[total.spikes.in.all.NBs,nNB],nAE\_20



	Treatment/Genotype	perm.pval	MW.pval
1	WT vs. HOM	1	0.936
2	WT vs. HET	< 0.1	4.26e-26

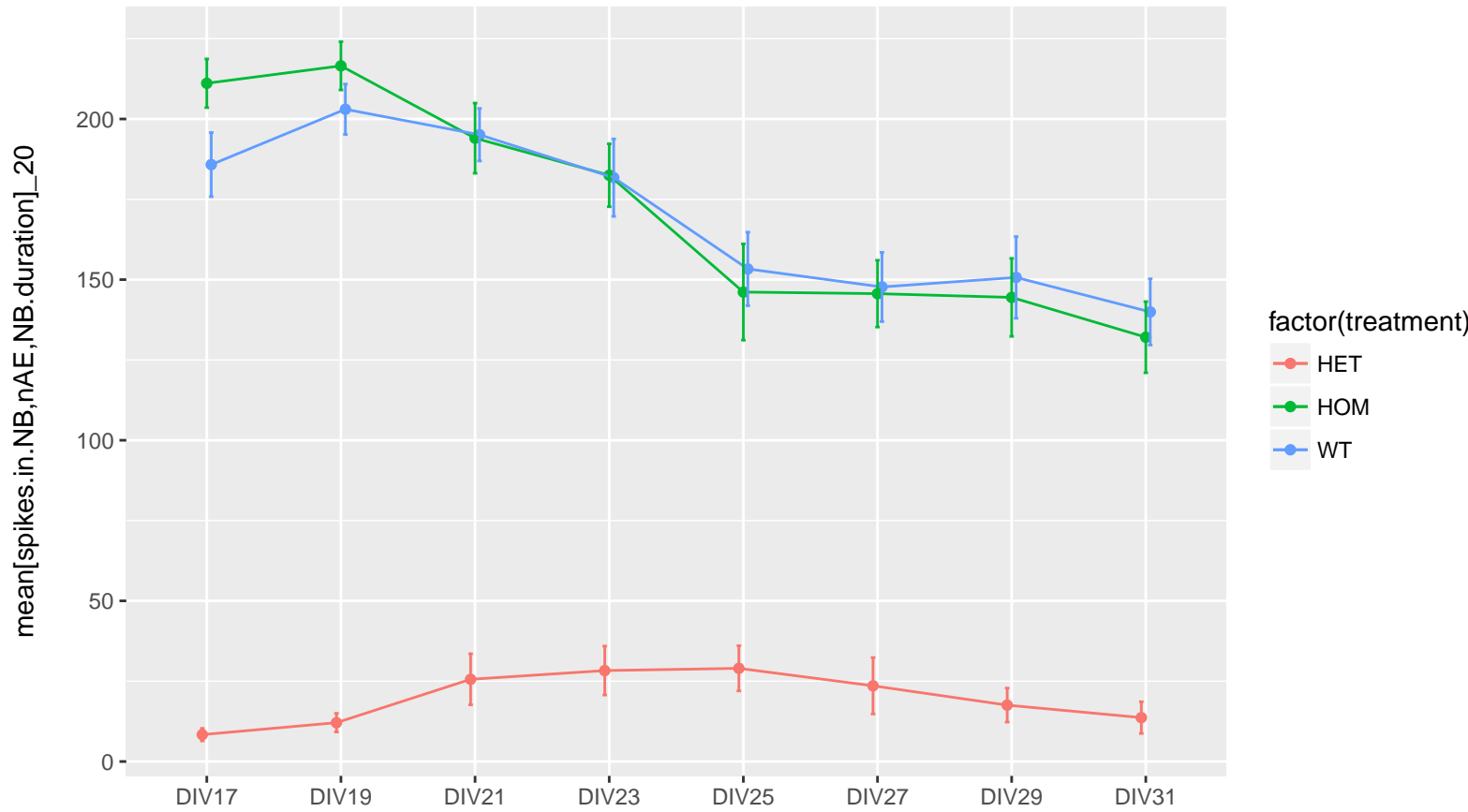
Kcnt1Y777H\_20170817\_500659\_mean[spikes.in.NB,nAE]\_20



	Treatment/Genotype	perm.pval	MW.pval
1	WT vs. HOM	1	0.936
2	WT vs. HET	< 0.1	4.26e-26

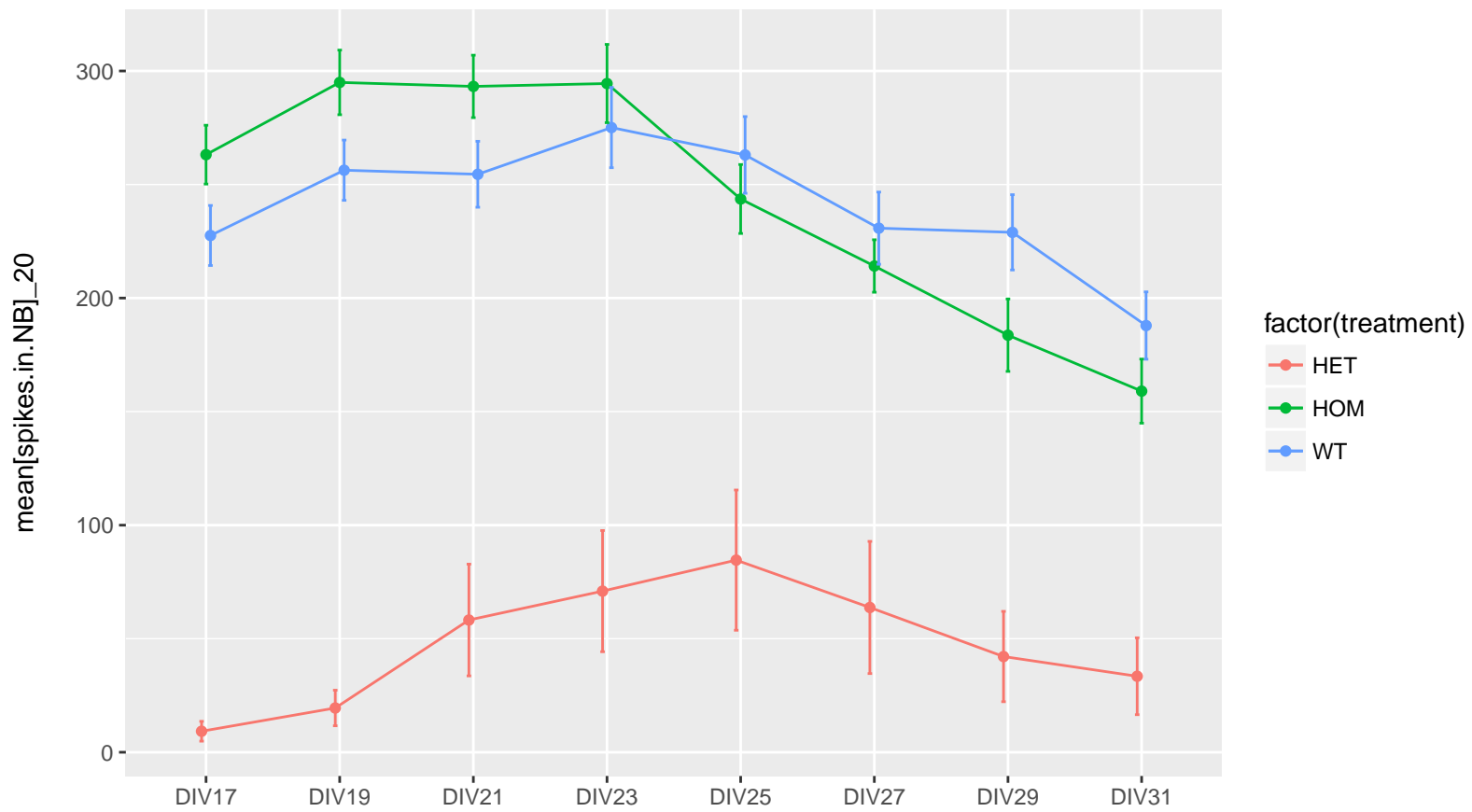


Kcnt1Y777H\_20170817\_500659\_mean[spikes.in.NB,nAE,NB.duration]\_20



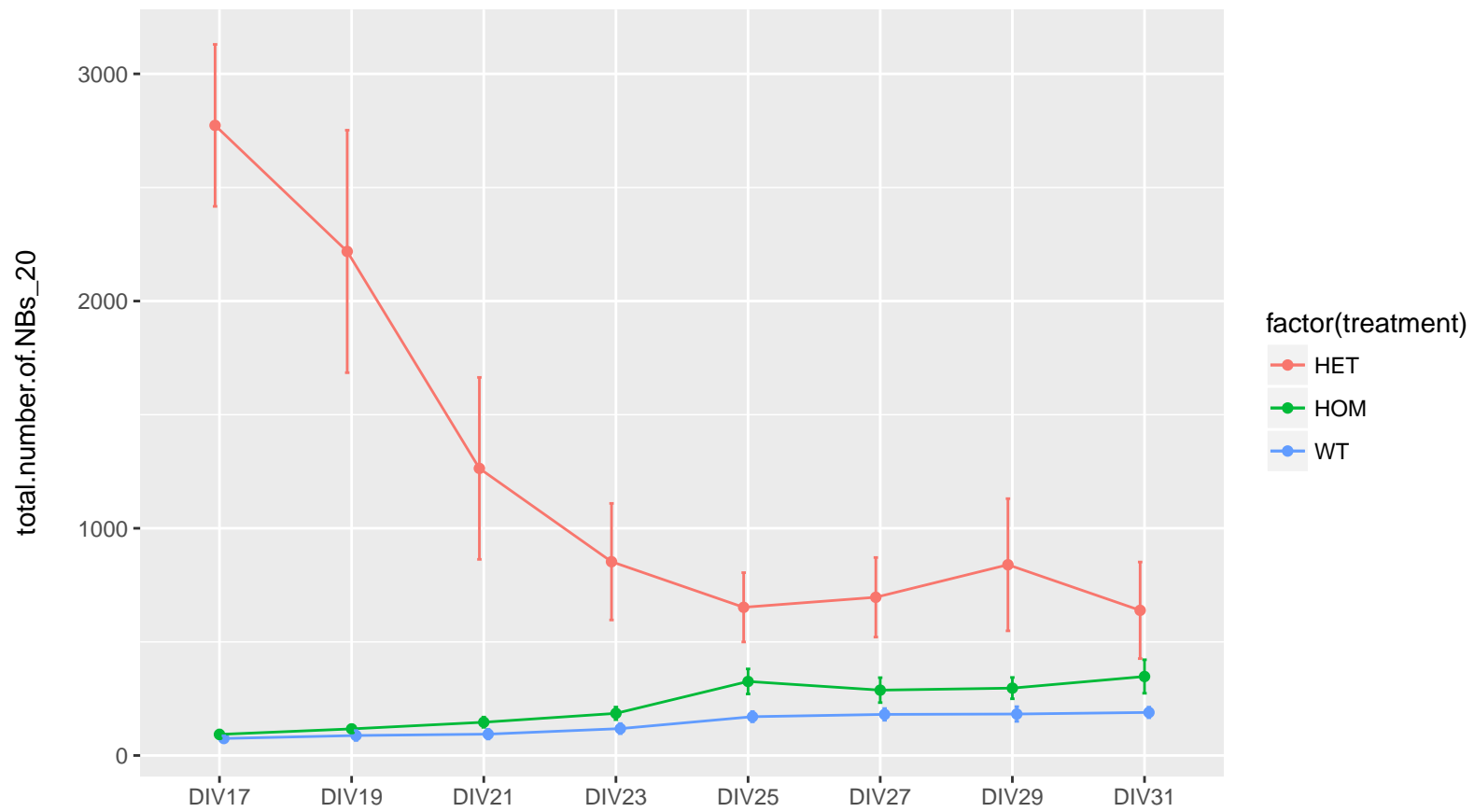
	Treatment/Genotype	perm.pval	MW.pval
1	WT vs. HOM	0.7	0.685
2	WT vs. HET	< 0.1	1.96e-31

Kcnt1Y777H\_20170817\_500659\_mean[spikes.in.NB]\_20



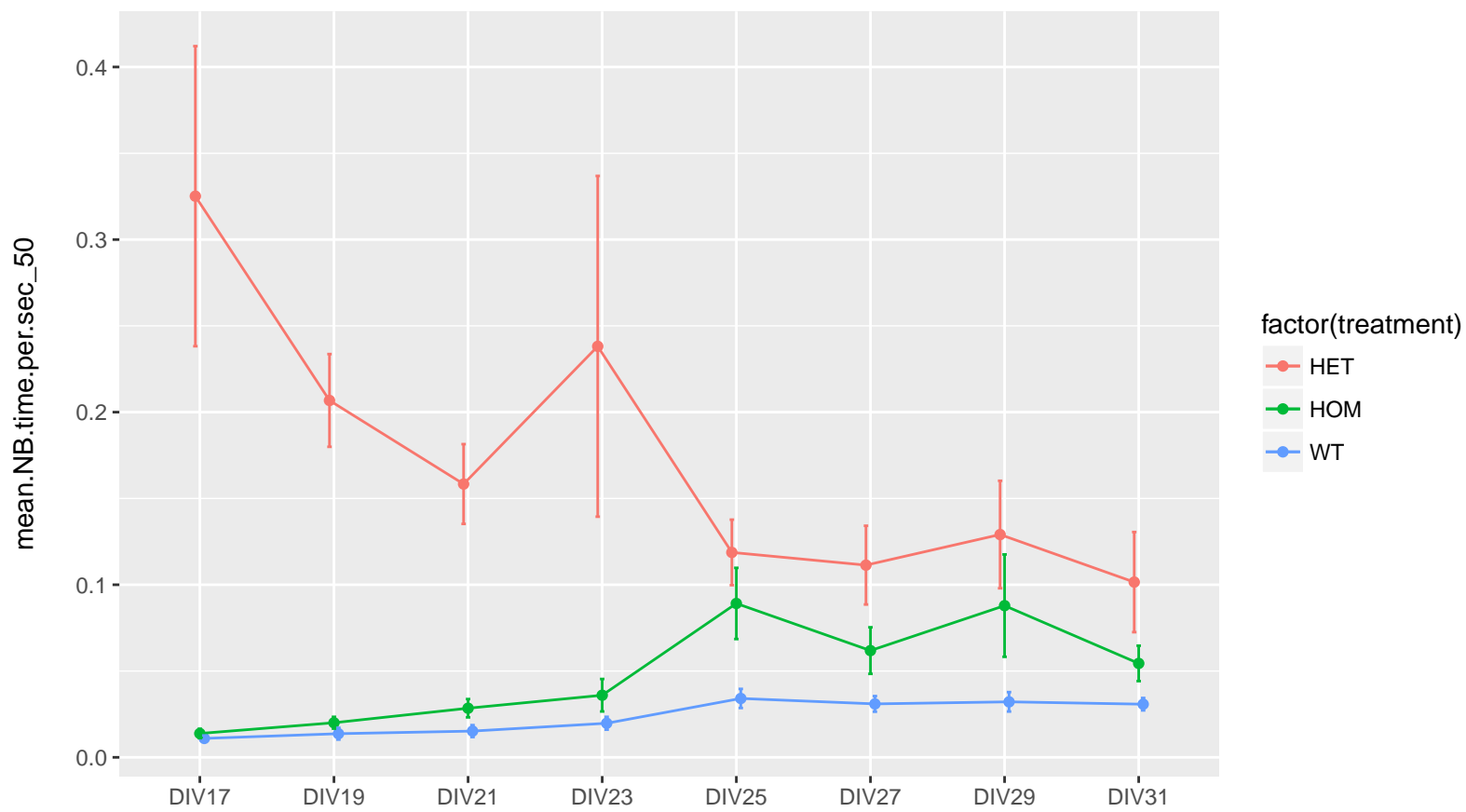
	Treatment/Genotype	perm.pval	MW.pval
1	WT vs. HOM	0.8	0.759
2	WT vs. HET	< 0.1	1.06e-26

Kcnt1Y777H\_20170817\_500659\_total.number.of.NBs\_20



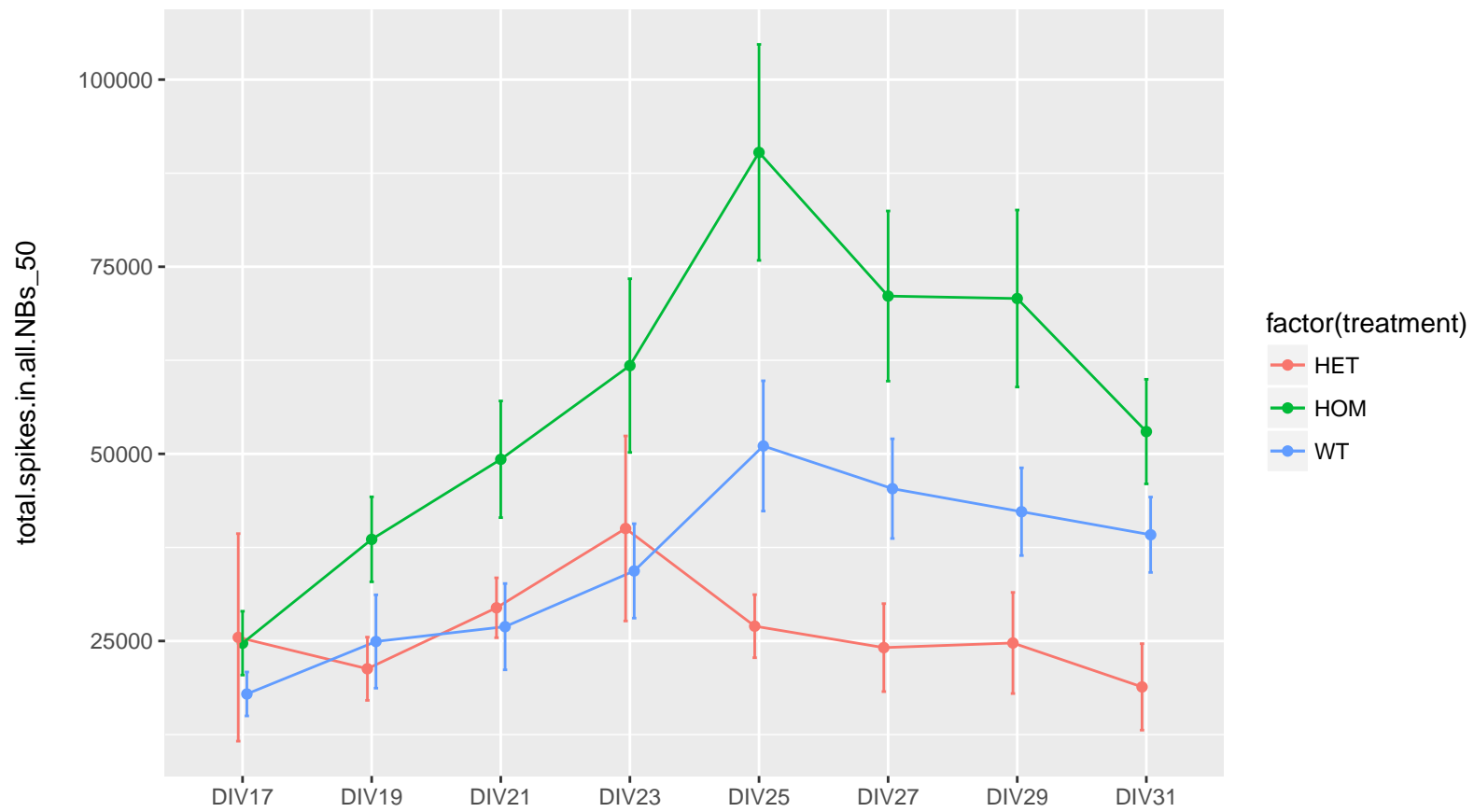
	Treatment/Genotype	perm.pval	MW.pval
1	WT vs. HOM	< 0.1	0.000193
2	WT vs. HET	< 0.1	2.15e−18

Kcnt1Y777H\_20170817\_500659\_mean.NB.time.per.sec\_50



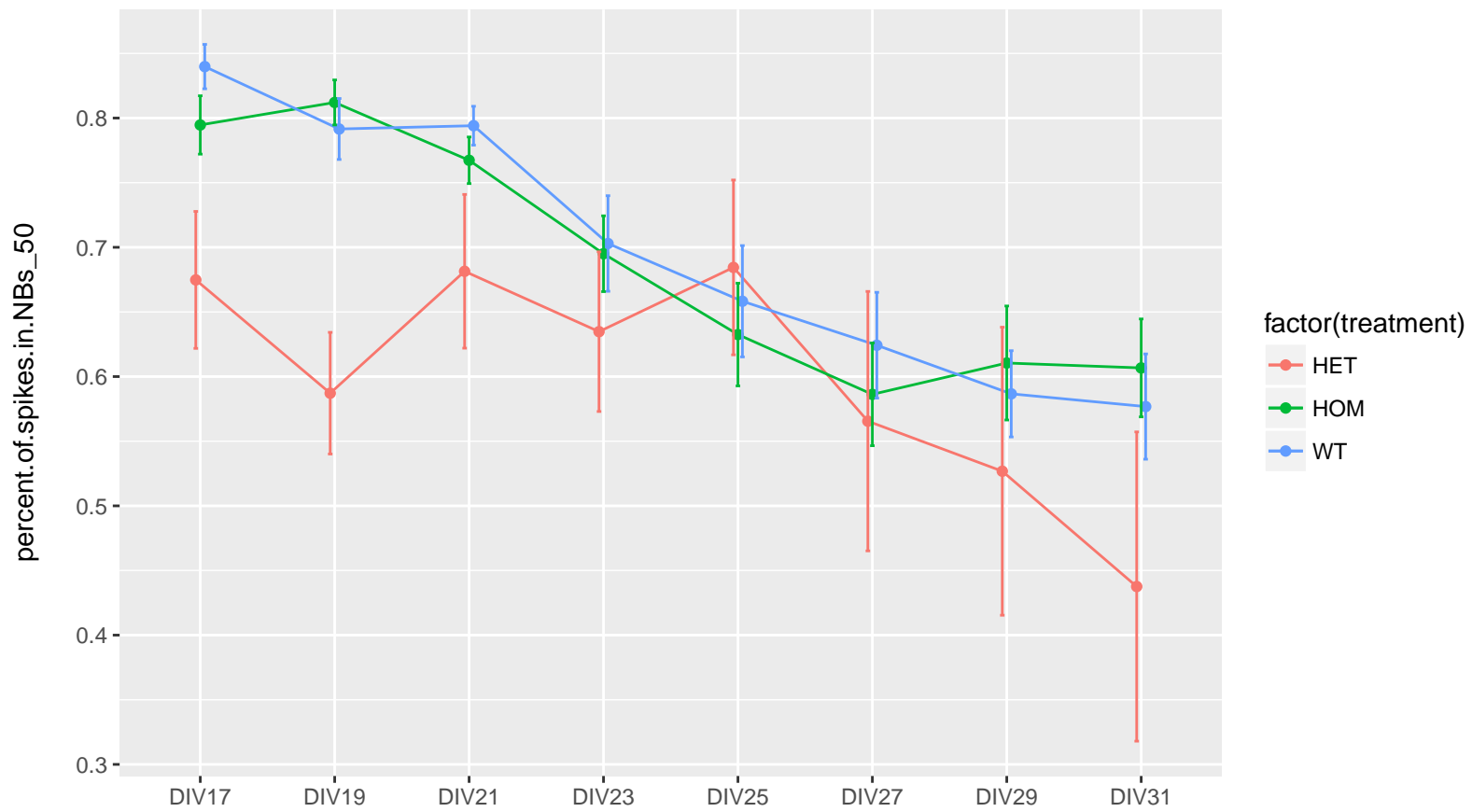
	Treatment/Genotype	perm.pval	MW.pval
1	WT vs. HOM	< 0.1	7.92e-05
2	WT vs. HET	< 0.1	2.13e-20

## Kcnt1Y777H\_20170817\_500659\_total.spikes.in.all.NBs\_50



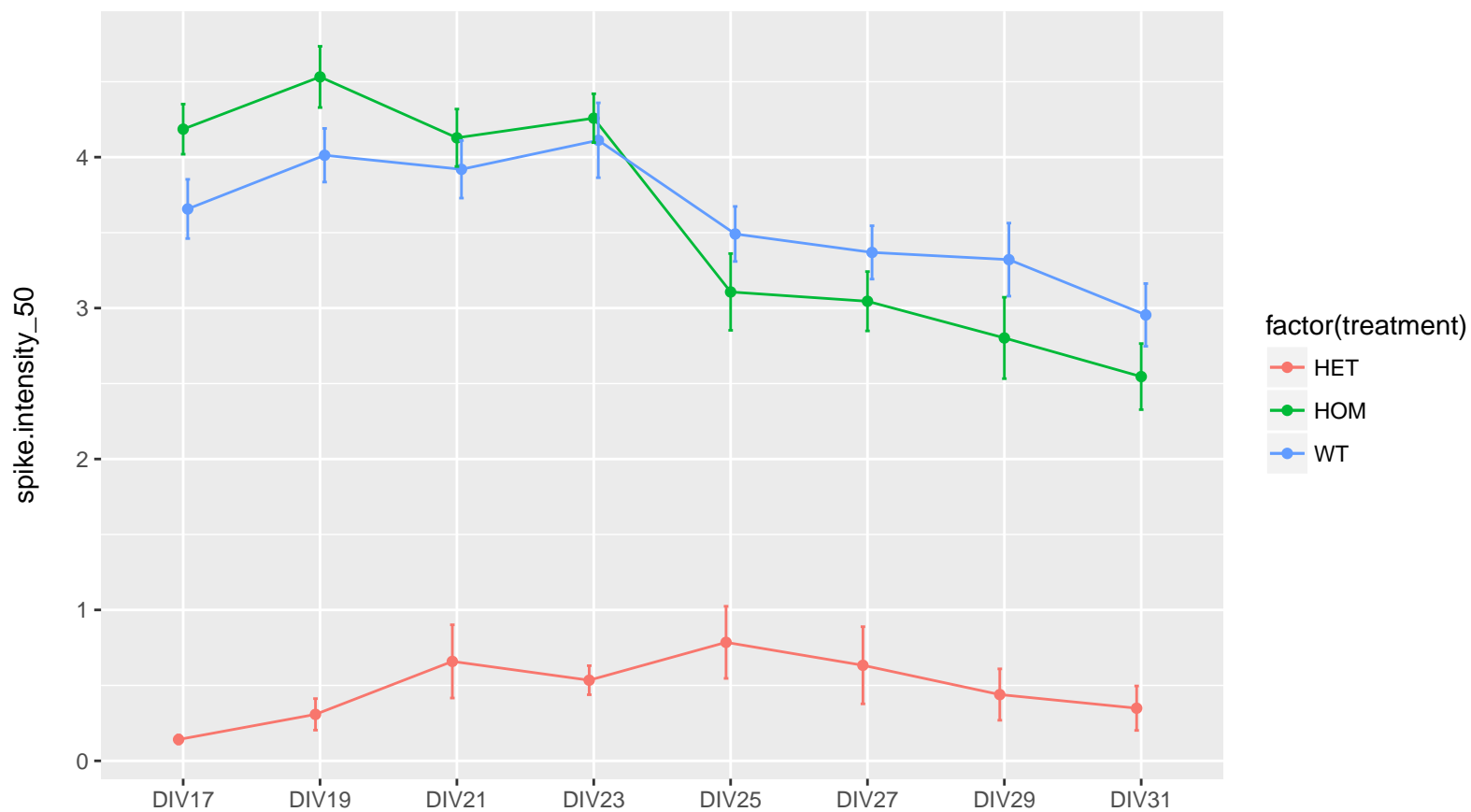
	Treatment/Genotype	perm.pval	MW.pval
1	WT vs. HOM	< 0.1	3.49e-06
2	WT vs. HET	0.2	0.0112

## Kcnt1Y777H\_20170817\_500659\_percent.of.spikes.in.NBs\_50



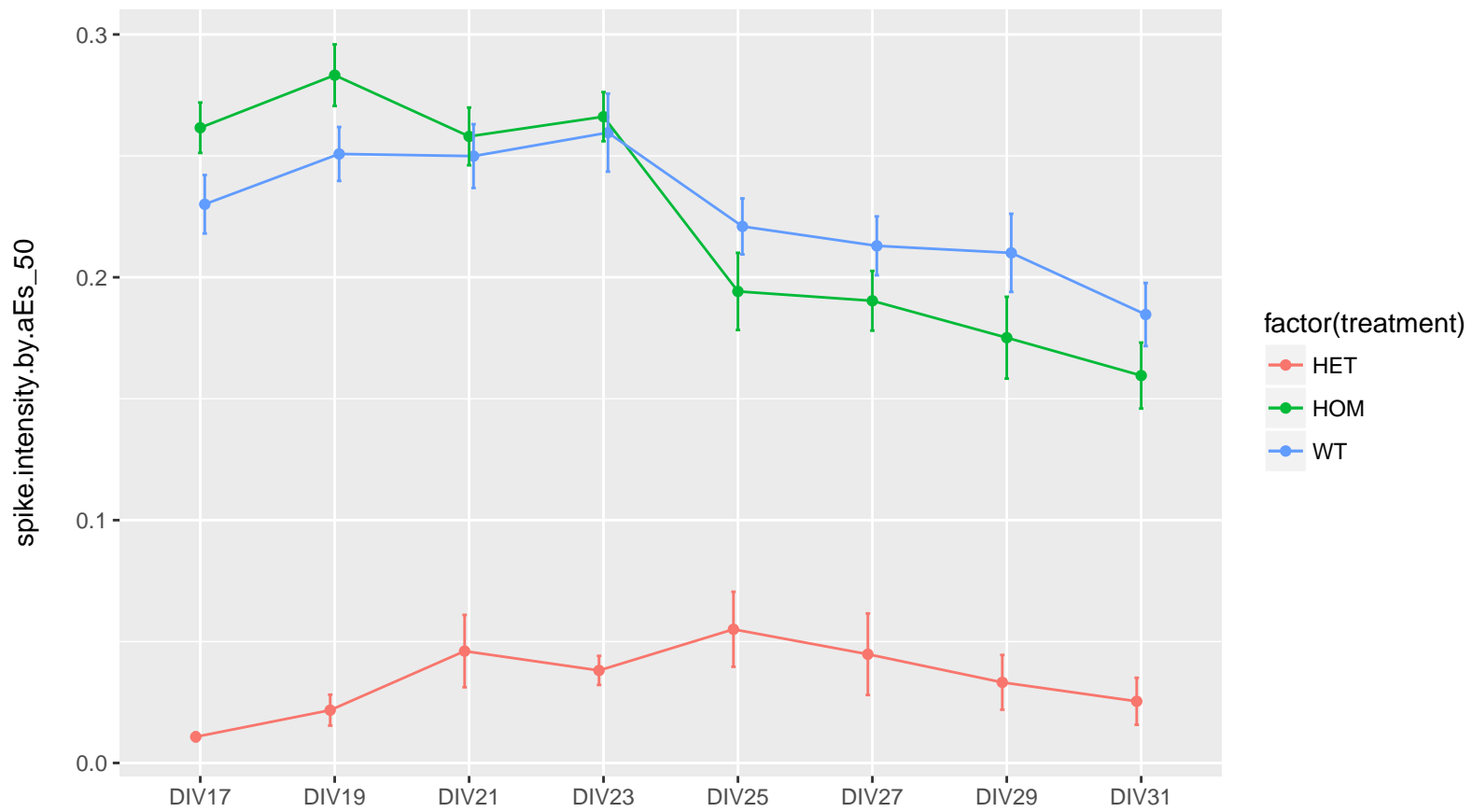
	Treatment/Genotype	perm.pval	MW.pval
1	WT vs. HOM	0.2	0.55
2	WT vs. HET	< 0.1	0.00456

Kcnt1Y777H\_20170817\_500659\_spike.intensity\_50



	Treatment/Genotype	perm.pval	MW.pval
1	WT vs. HOM	0.6	0.834
2	WT vs. HET	< 0.1	4.01e-31

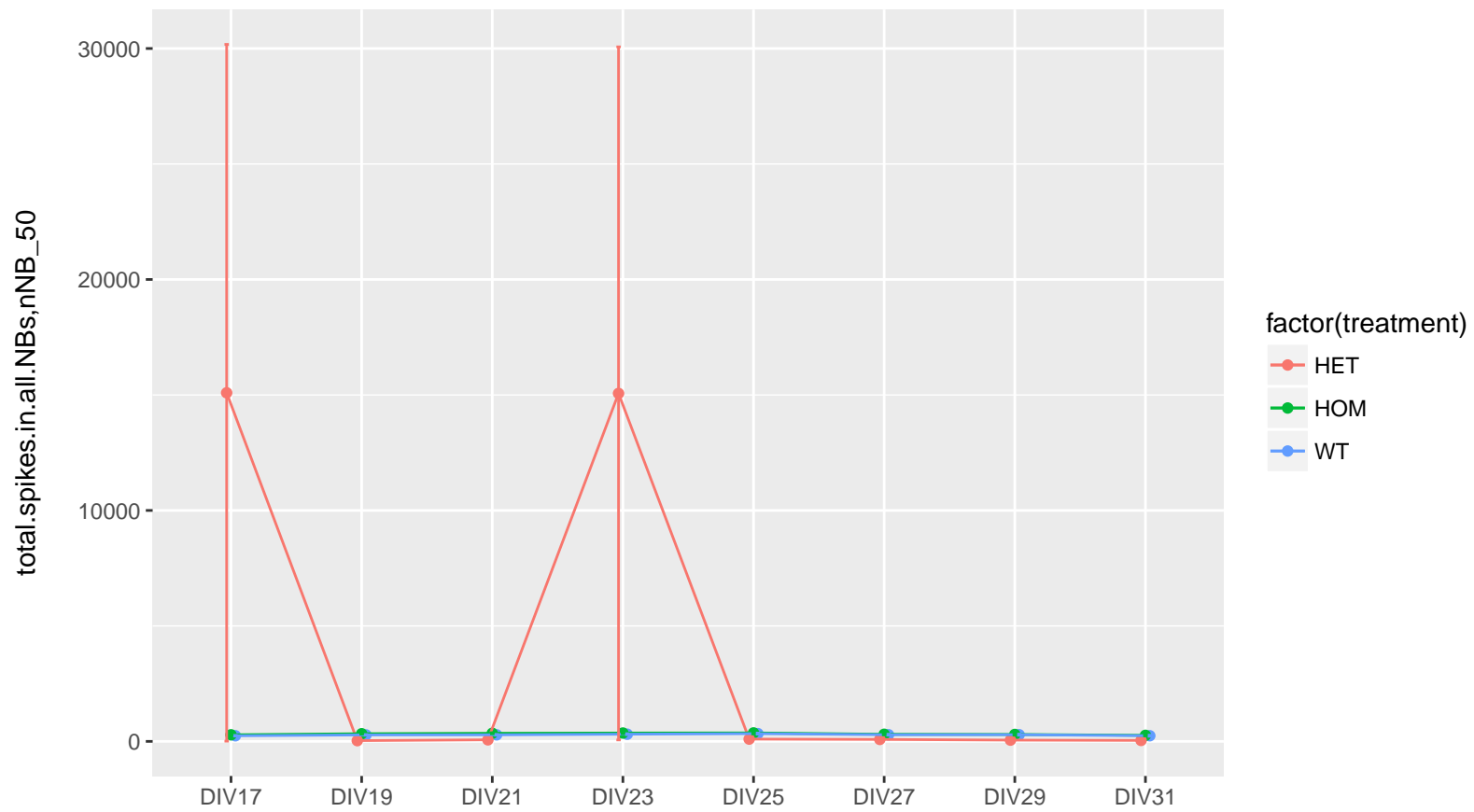
## Kcnt1Y777H\_20170817\_500659\_spike.intensity.by.aEs\_50



	Treatment/Genotype	perm.pval	MW.pval
1	WT vs. HOM	0.9	0.932
2	WT vs. HET	< 0.1	4.65e-31

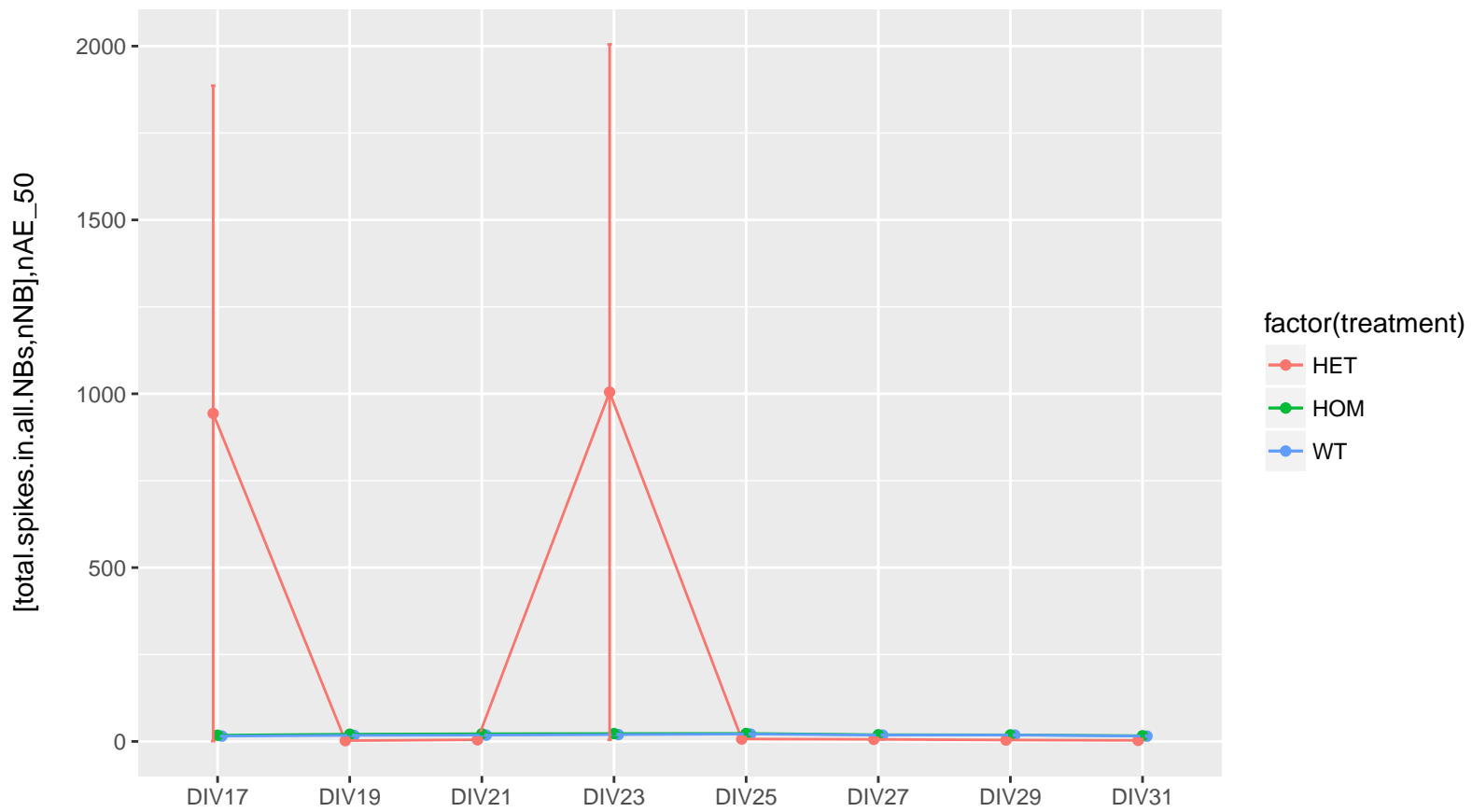


Kcnt1Y777H\_20170817\_500659\_total.spikes.in.all.NBs,nNB\_50



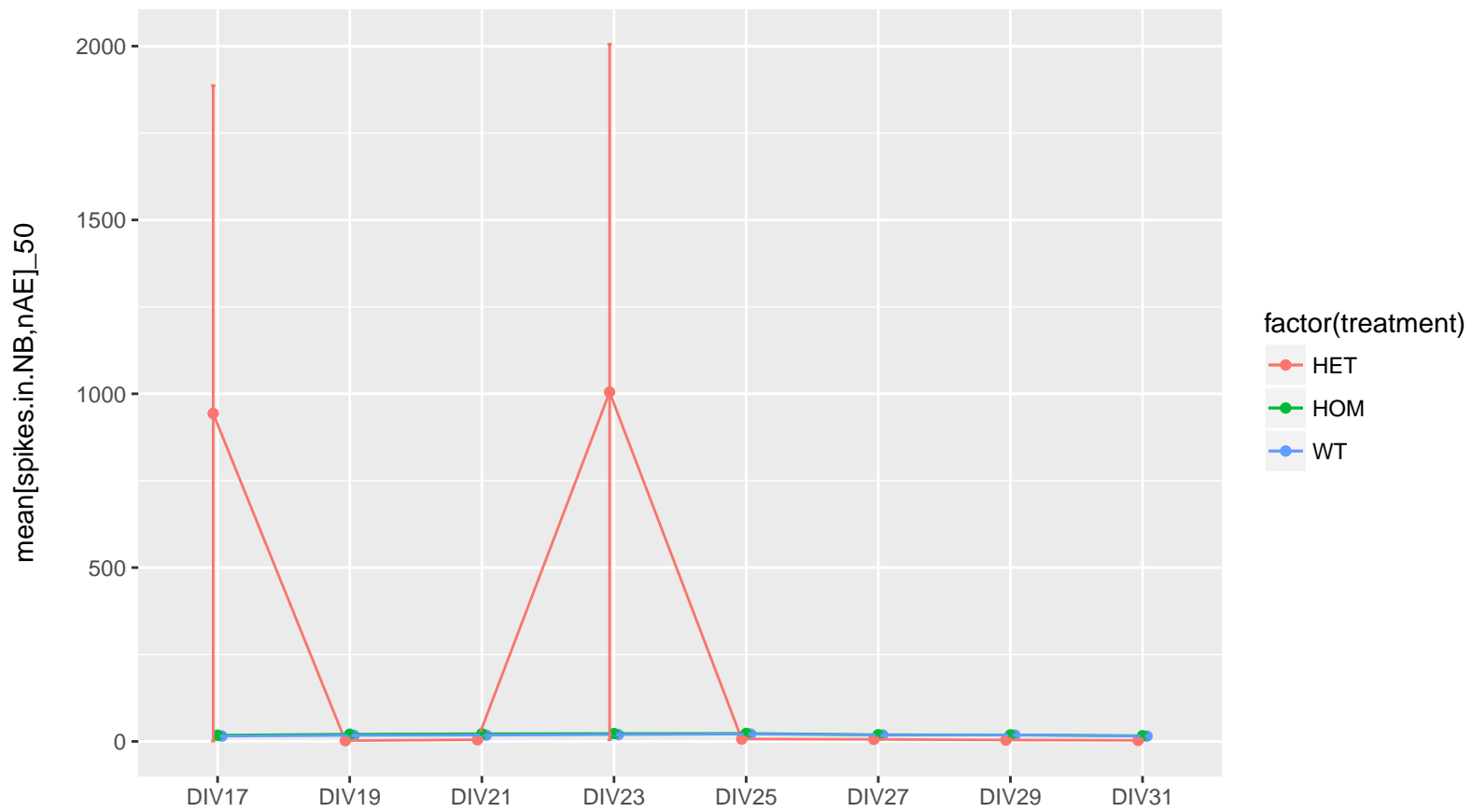
	Treatment/Genotype	perm.pval	MW.pval
1	WT vs. HOM	0.2	0.00982
2	WT vs. HET	< 0.1	1.45e−24

Kcnt1Y777H\_20170817\_500659\_[total.spikes.in.all.NBs,nNB],nAE\_50



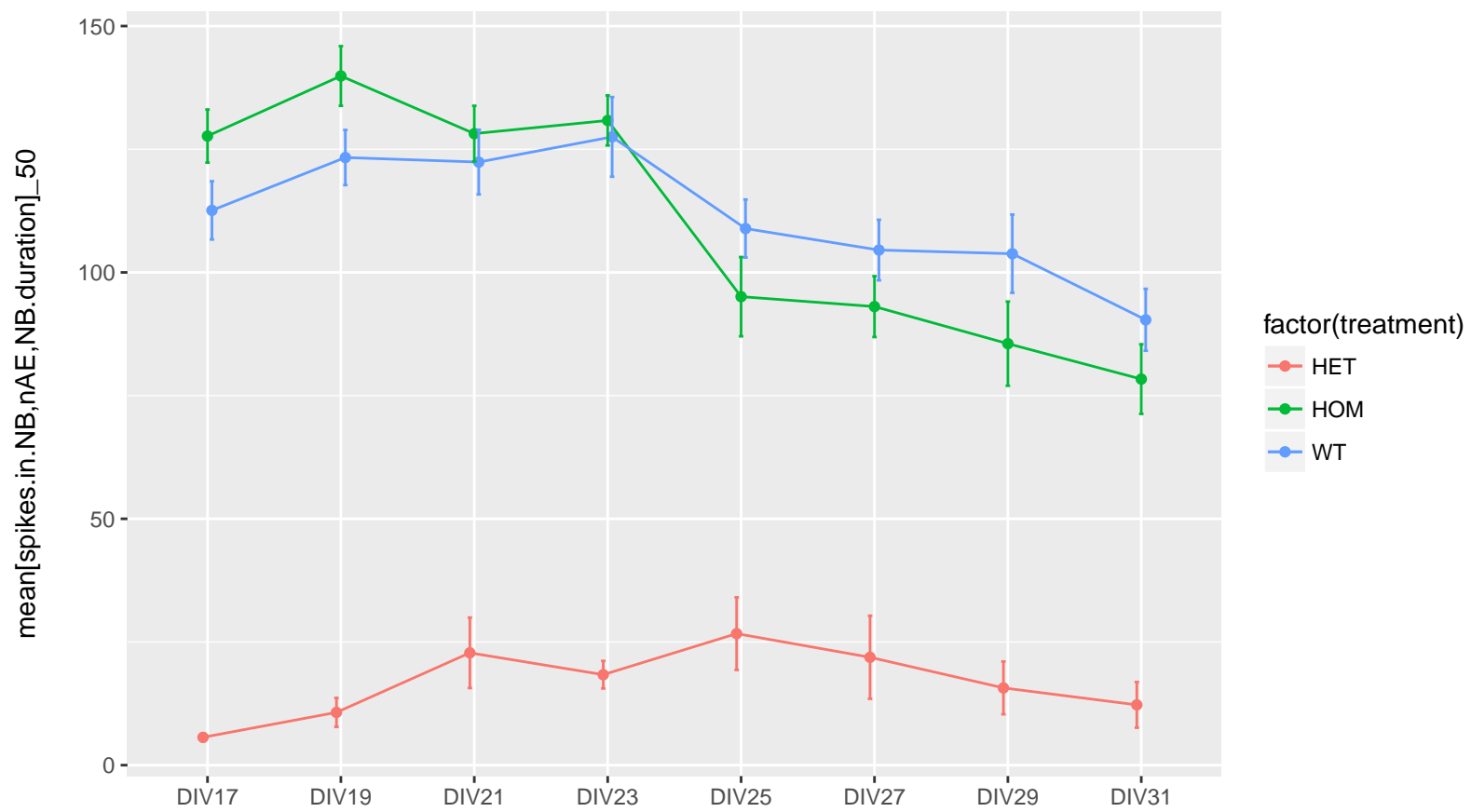
	Treatment/Genotype	perm.pval	MW.pval
1	WT vs. HOM	0.7	0.0154
2	WT vs. HET	< 0.1	4.01e-24

Kcnt1Y777H\_20170817\_500659\_mean[spikes.in.NB,nAE]\_50



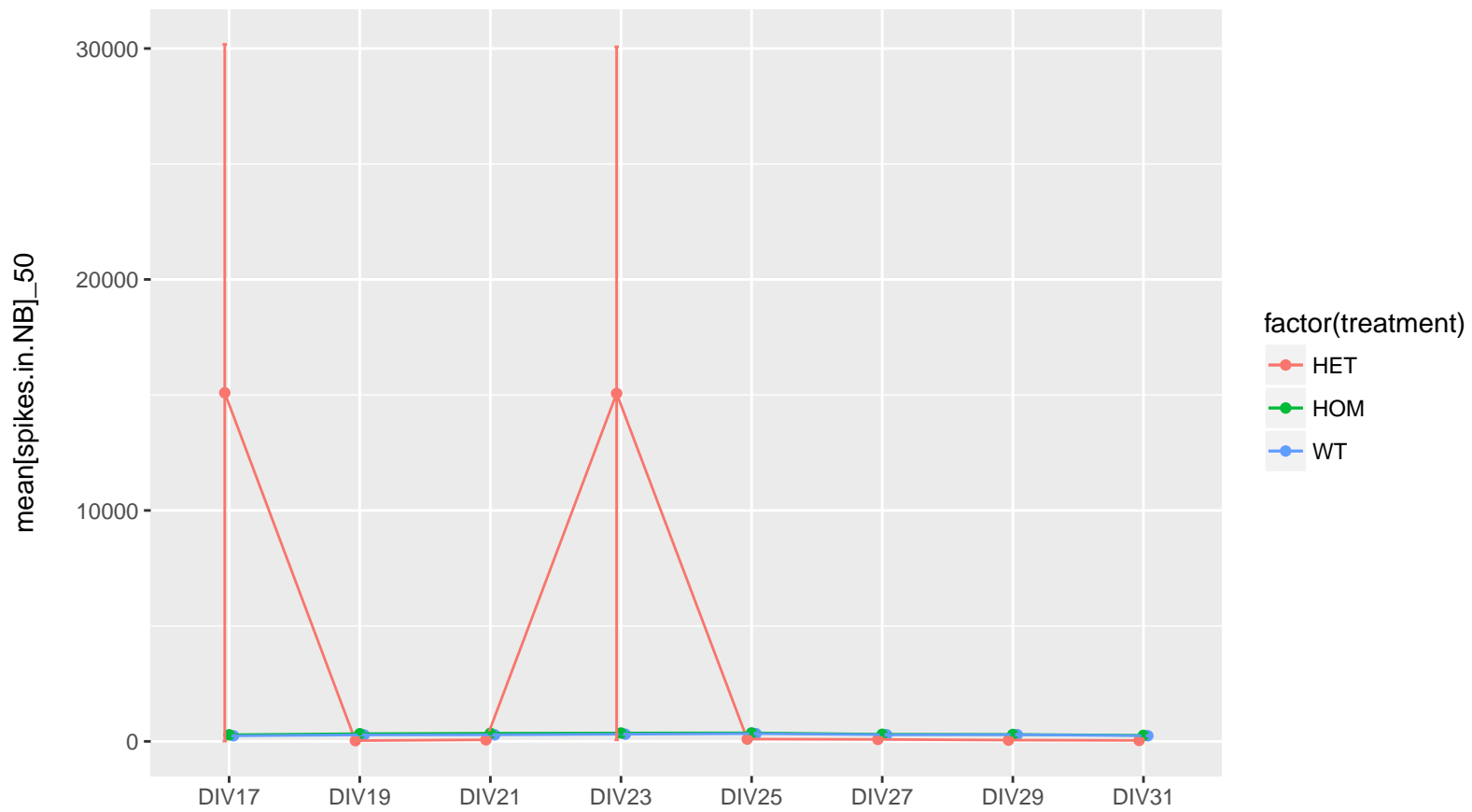
	Treatment/Genotype	perm.pval	MW.pval
1	WT vs. HOM	0.4	0.0154
2	WT vs. HET	< 0.1	4.01e−24

Kcnt1Y777H\_20170817\_500659\_mean[spikes.in.NB,nAE,NB.duration]\_50



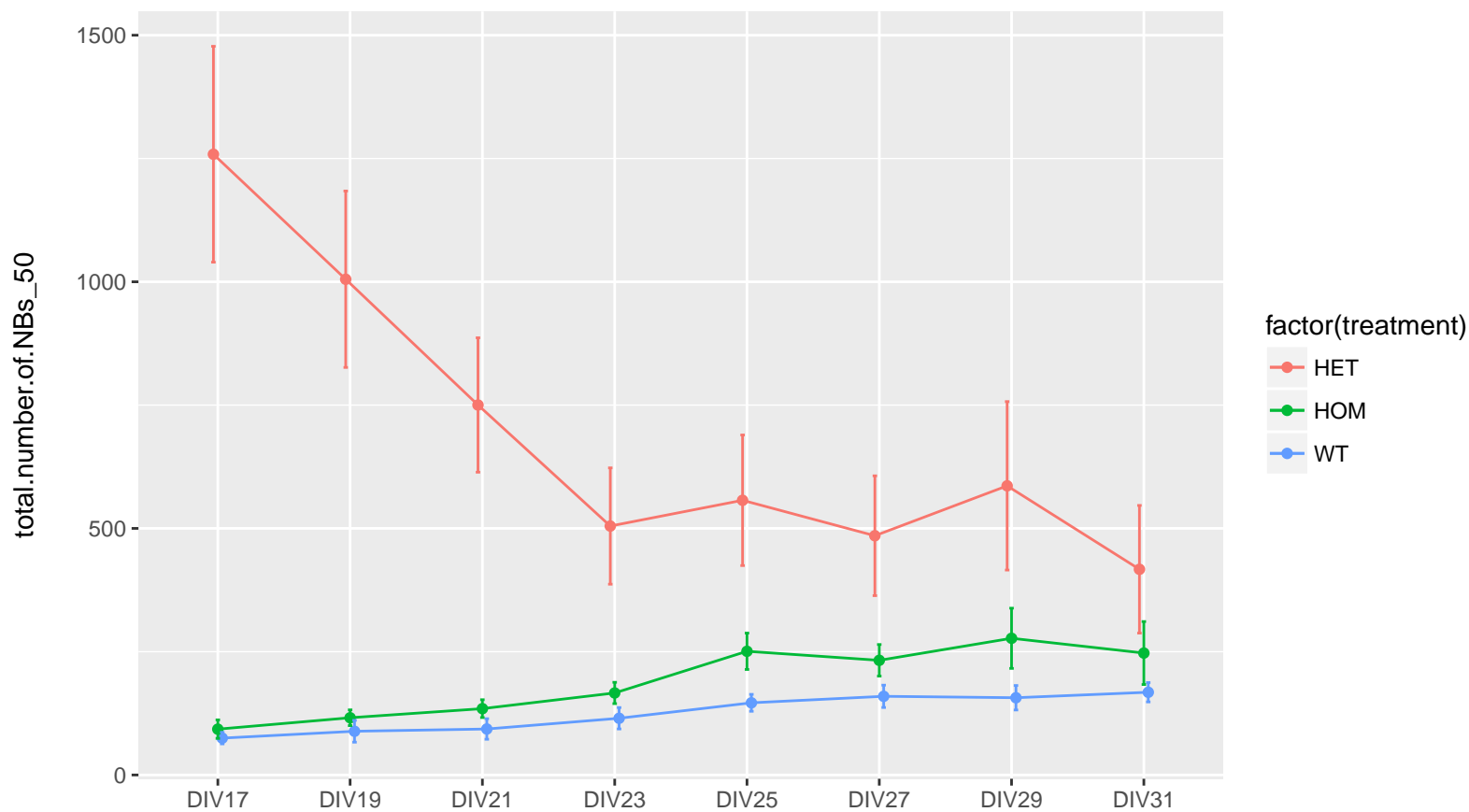
	Treatment/Genotype	perm.pval	MW.pval
1	WT vs. HOM	1	0.956
2	WT vs. HET	< 0.1	4.51e-31

Kcnt1Y777H\_20170817\_500659\_mean[spikes.in.NB]\_50



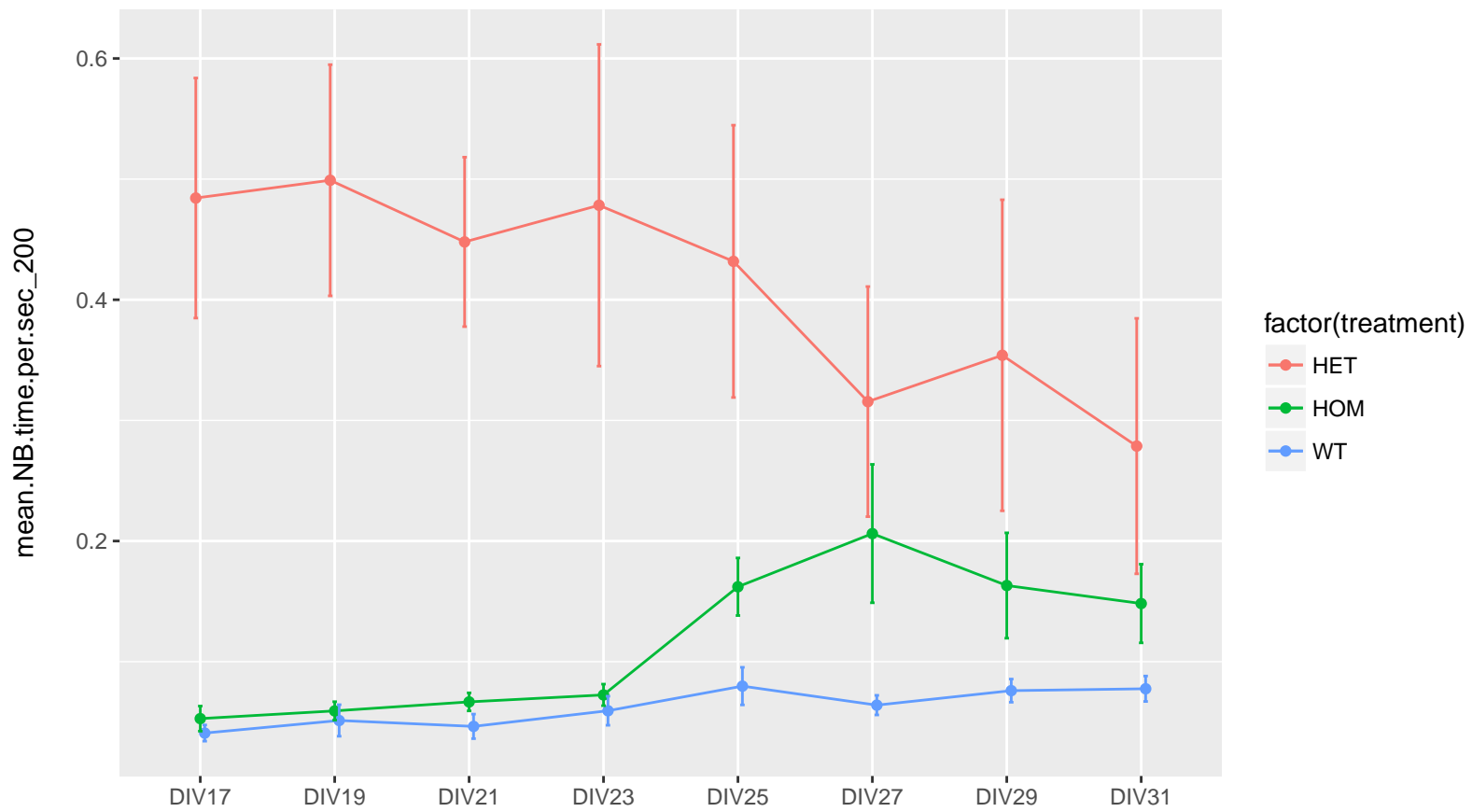
	Treatment/Genotype	perm.pval	MW.pval
1	WT vs. HOM	0.1	0.00982
2	WT vs. HET	< 0.1	1.45e−24

## Kcnt1Y777H\_20170817\_500659\_total.number.of.NBs\_50



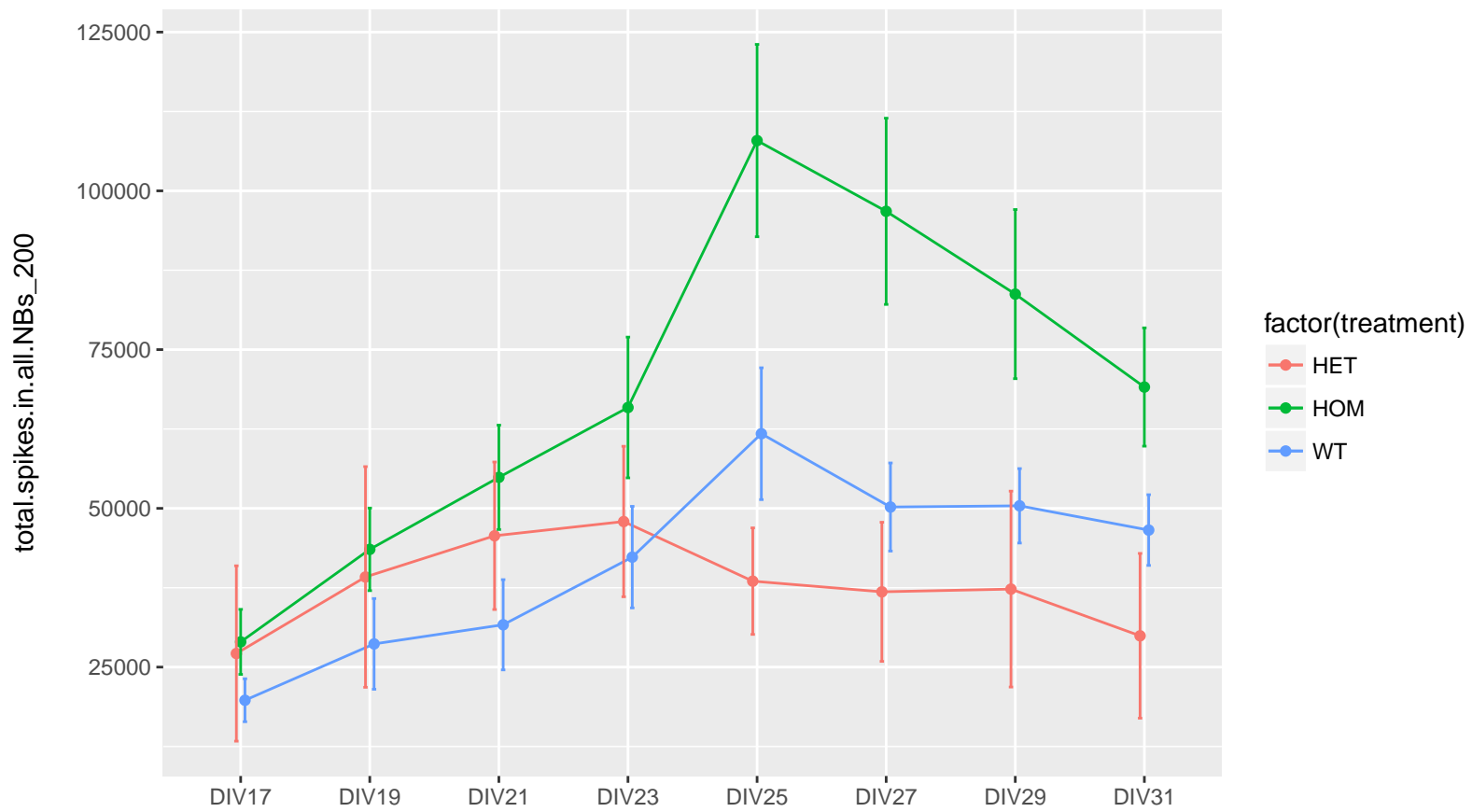
	Treatment/Genotype	perm.pval	MW.pval
1	WT vs. HOM	< 0.1	0.000139
2	WT vs. HET	< 0.1	2.57e−16

Kcnt1Y777H\_20170817\_500659\_mean.NB.time.per.sec\_200



	Treatment/Genotype	perm.pval	MW.pval
1	WT vs. HOM	< 0.1	3.57e-07
2	WT vs. HET	< 0.1	3.42e-21

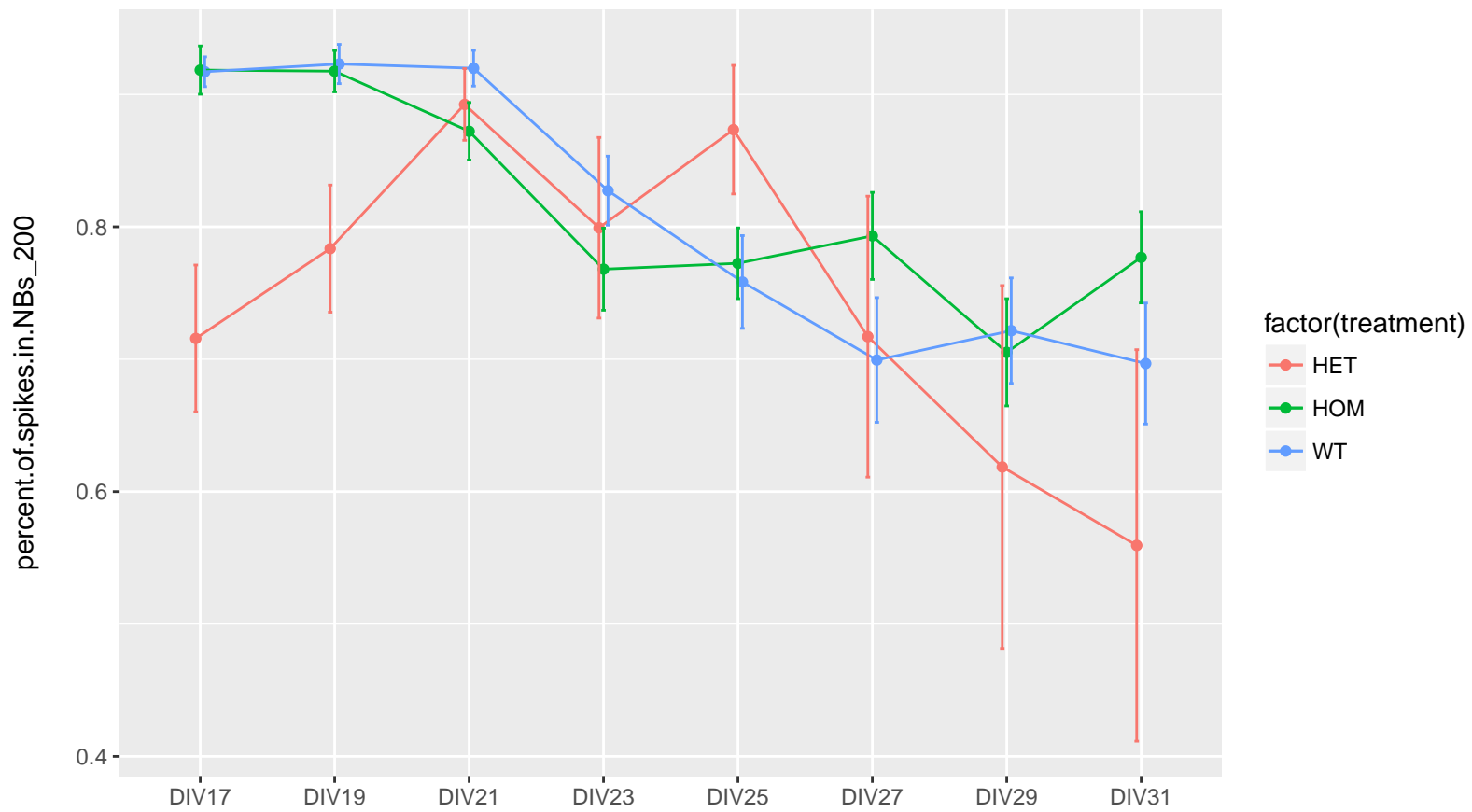
## Kcnt1Y777H\_20170817\_500659\_total.spikes.in.all.NBs\_200



	Treatment/Genotype	perm.pval	MW.pval
1	WT vs. HOM	< 0.1	7.76e-07
2	WT vs. HET	0.4	0.0993

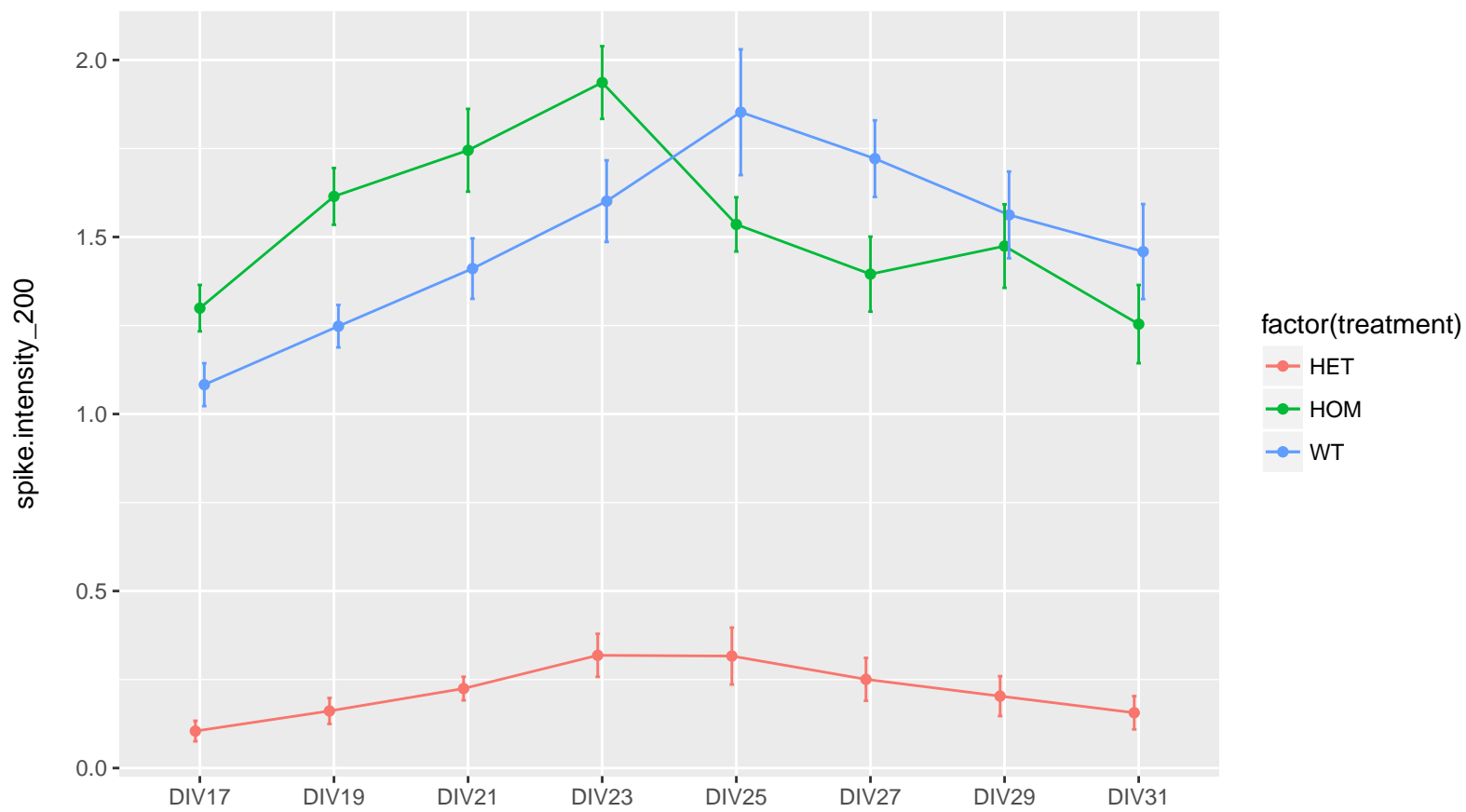


Kcnt1Y777H\_20170817\_500659\_percent.of.spikes.in.NBs\_200



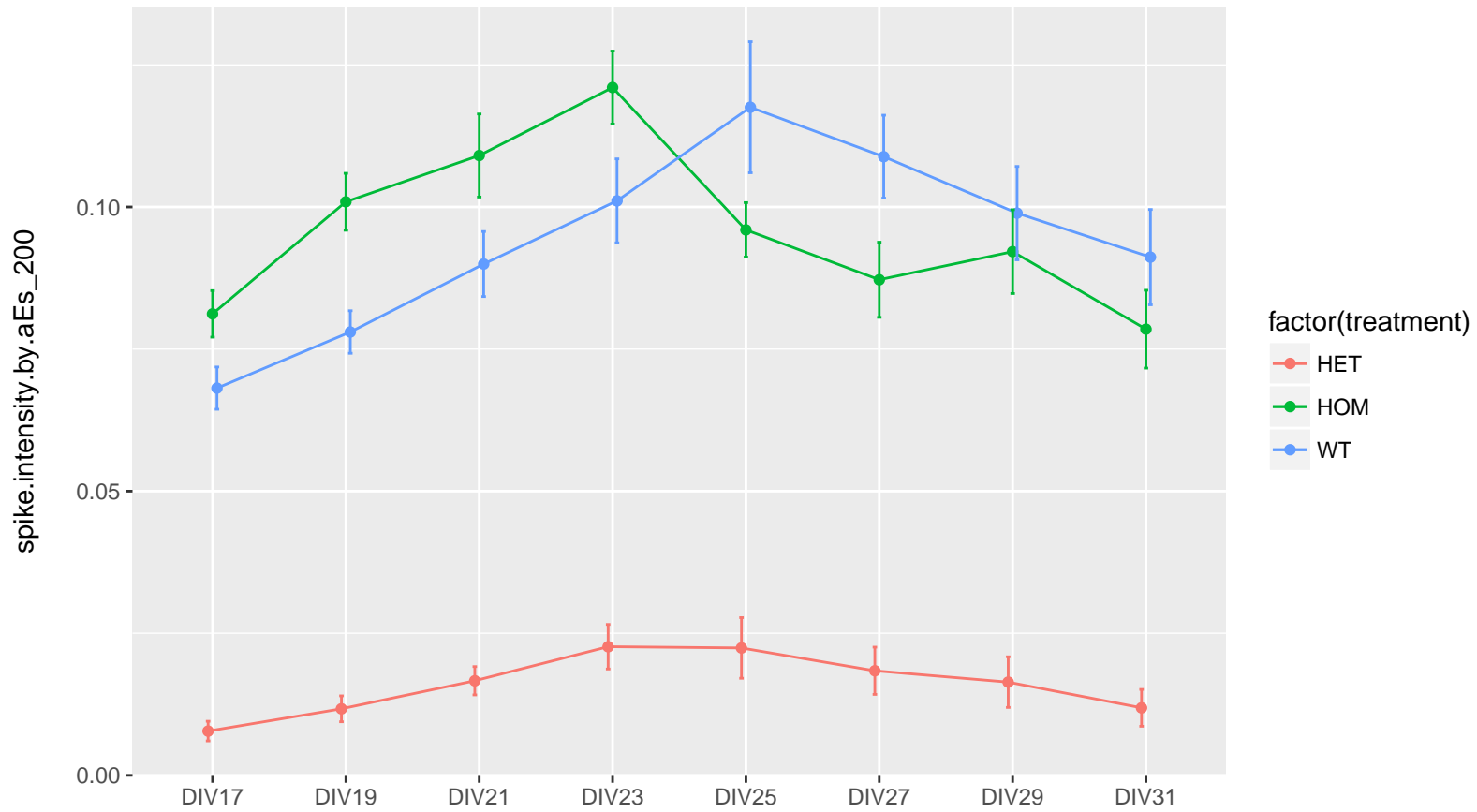
	Treatment/Genotype	perm.pval	MW.pval
1	WT vs. HOM	0.8	0.873
2	WT vs. HET	0.7	0.705

Kcnt1Y777H\_20170817\_500659\_spike.intensity\_200



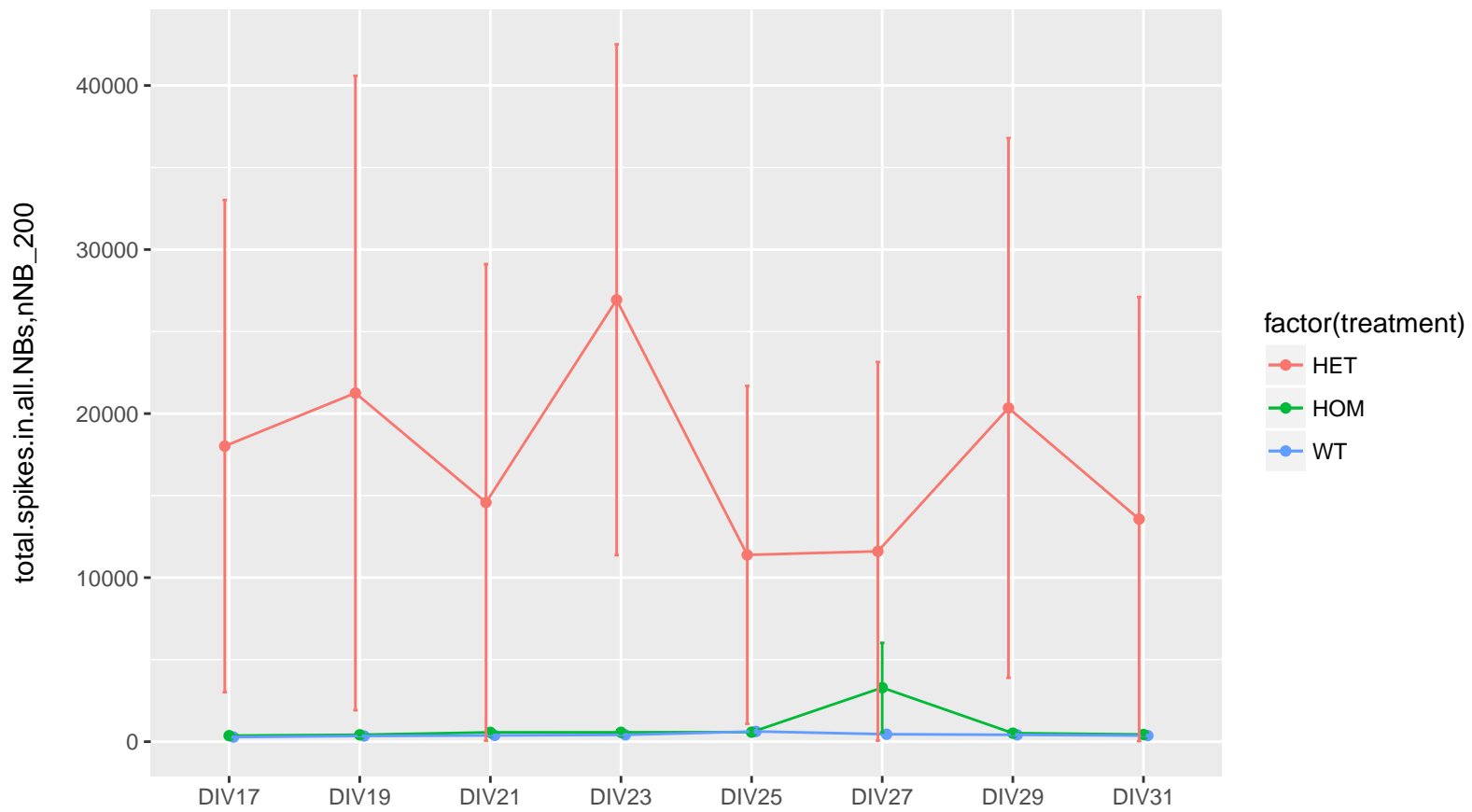
	Treatment/Genotype	perm.pval	MW.pval
1	WT vs. HOM	0.6	0.155
2	WT vs. HET	< 0.1	1.14e-31

Kcnt1Y777H\_20170817\_500659\_spike.intensity.by.aEs\_200



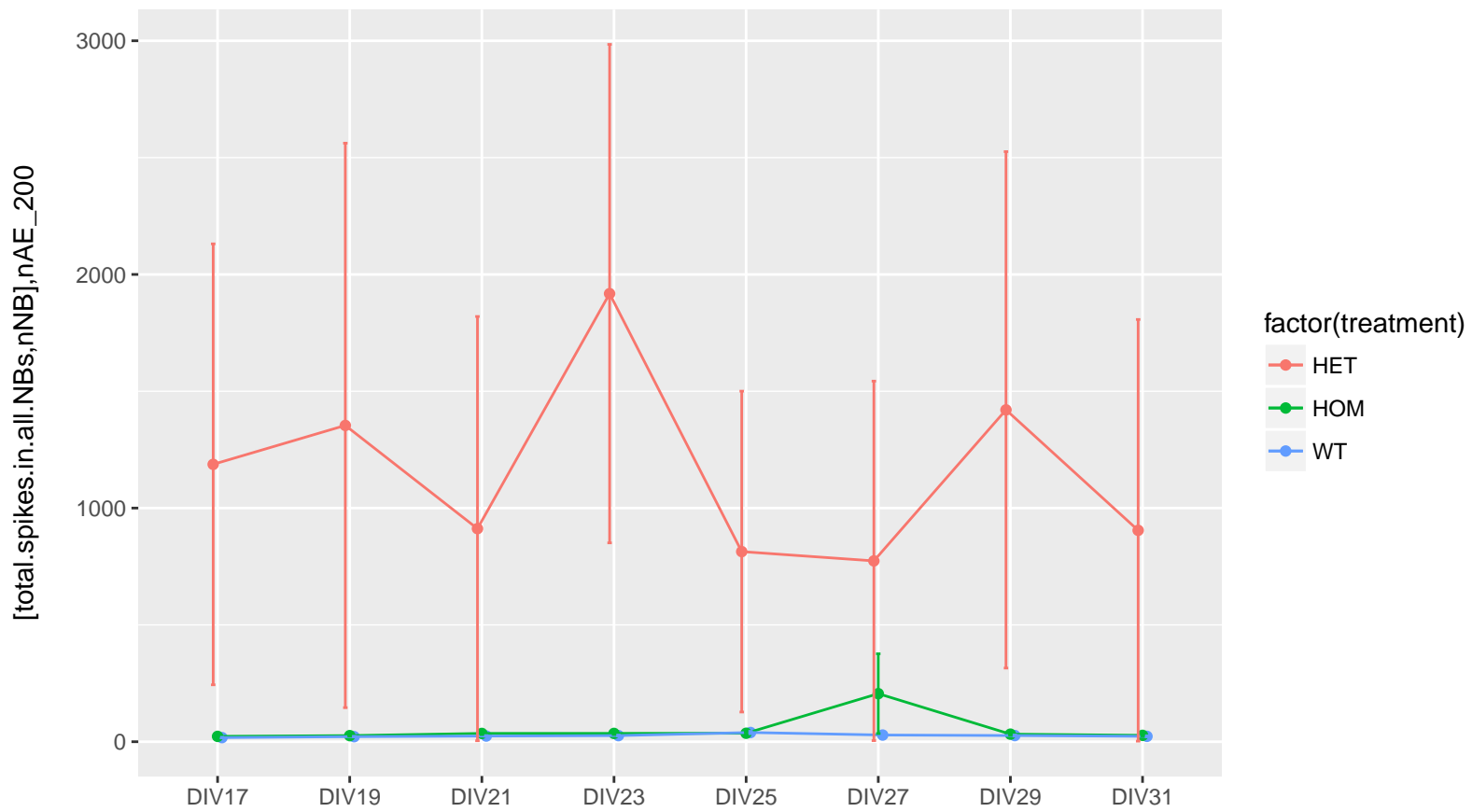
	Treatment/Genotype	perm.pval	MW.pval
1	WT vs. HOM	0.3	0.202
2	WT vs. HET	< 0.1	1.5e-31

Kcnt1Y777H\_20170817\_500659\_total.spikes.in.all.NBs,nNB\_200



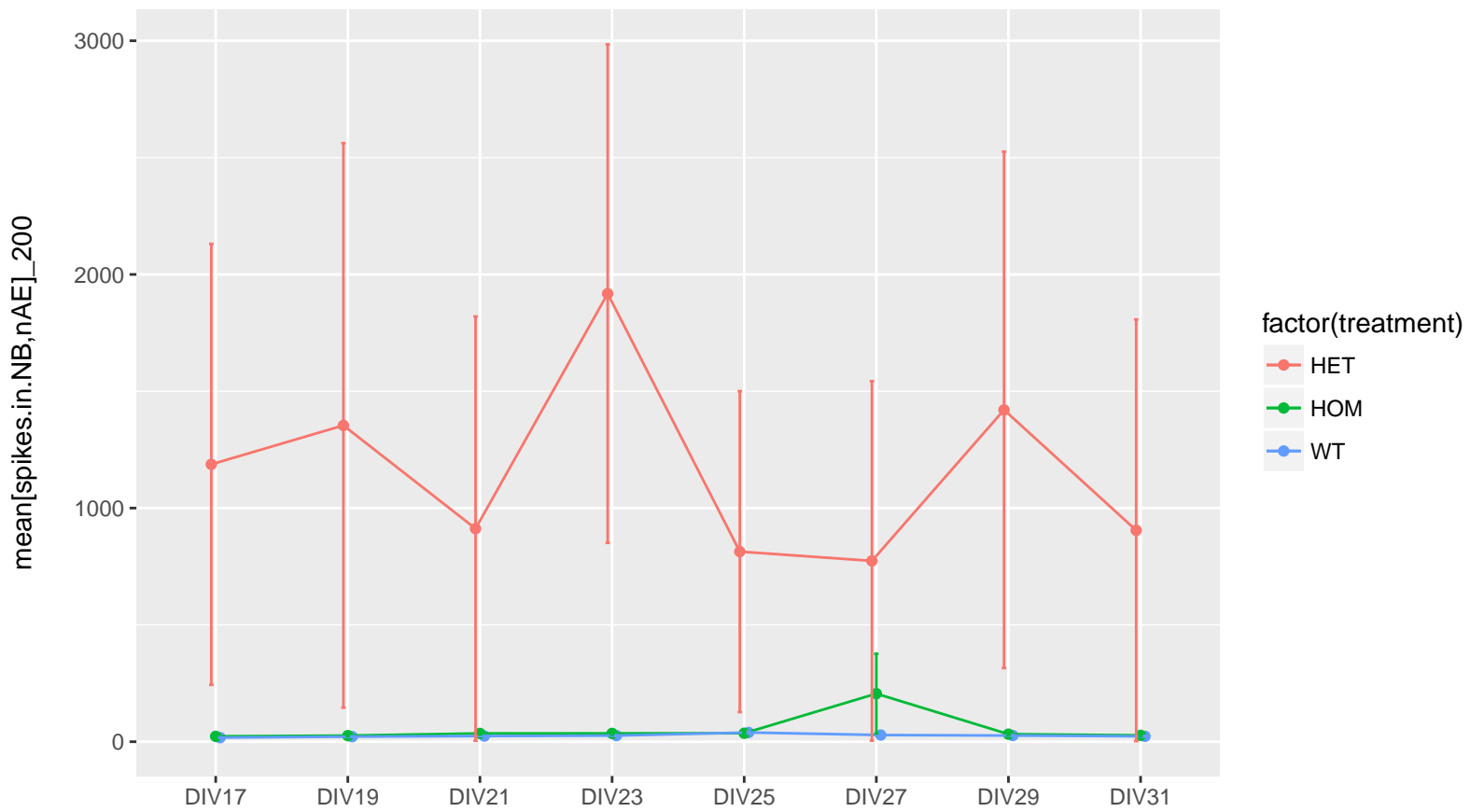
	Treatment/Genotype	perm.pval	MW.pval
1	WT vs. HOM	0.3	0.000144
2	WT vs. HET	< 0.1	8.95e-13

Kcnt1Y777H\_20170817\_500659\_[total.spikes.in.all.NBs,nNB],nAE\_200



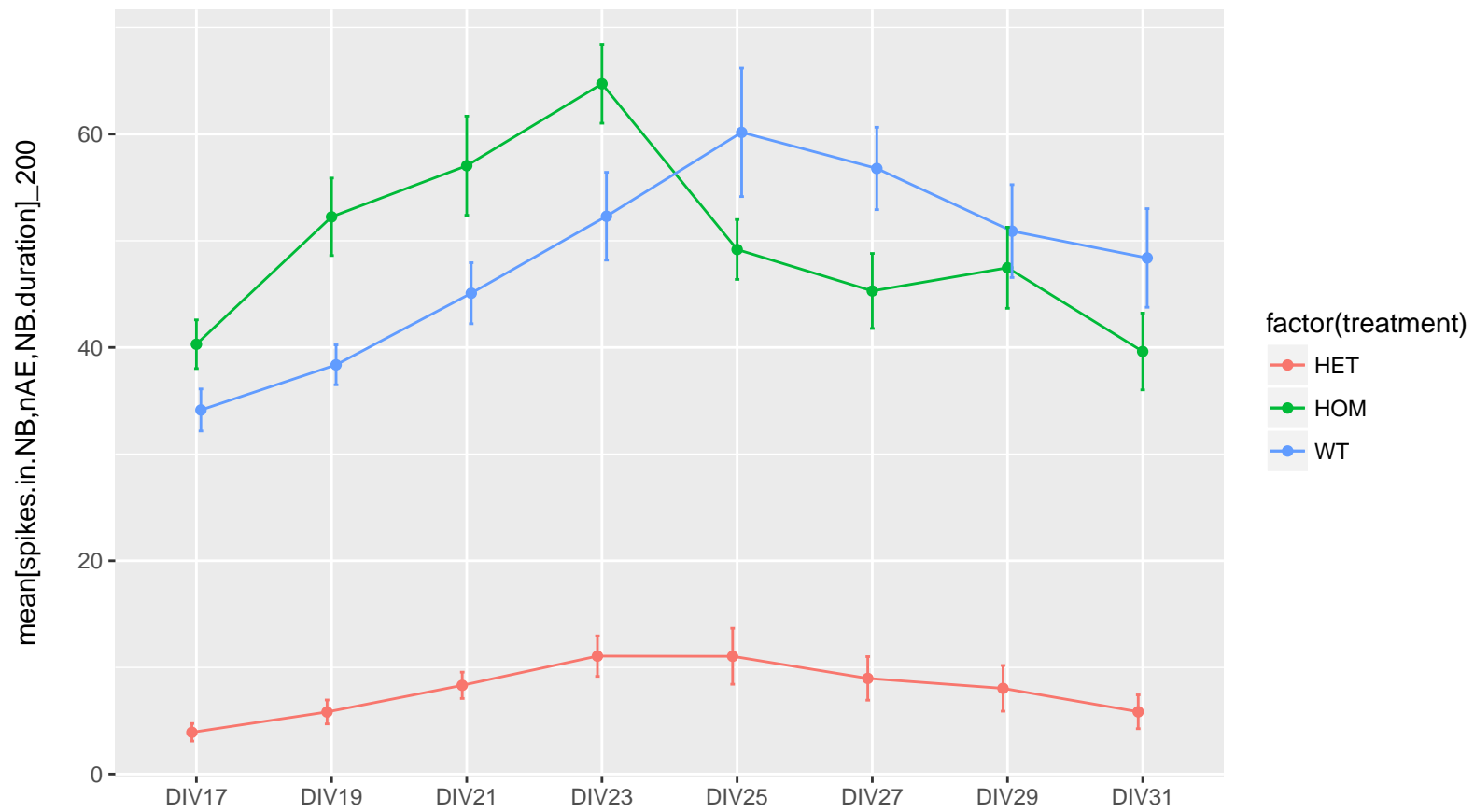
	Treatment/Genotype	perm.pval	MW.pval
1	WT vs. HOM	0.1	0.00026
2	WT vs. HET	< 0.1	1.06e−12

Kcnt1Y777H\_20170817\_500659\_mean[spikes.in.NB,nAE]\_200



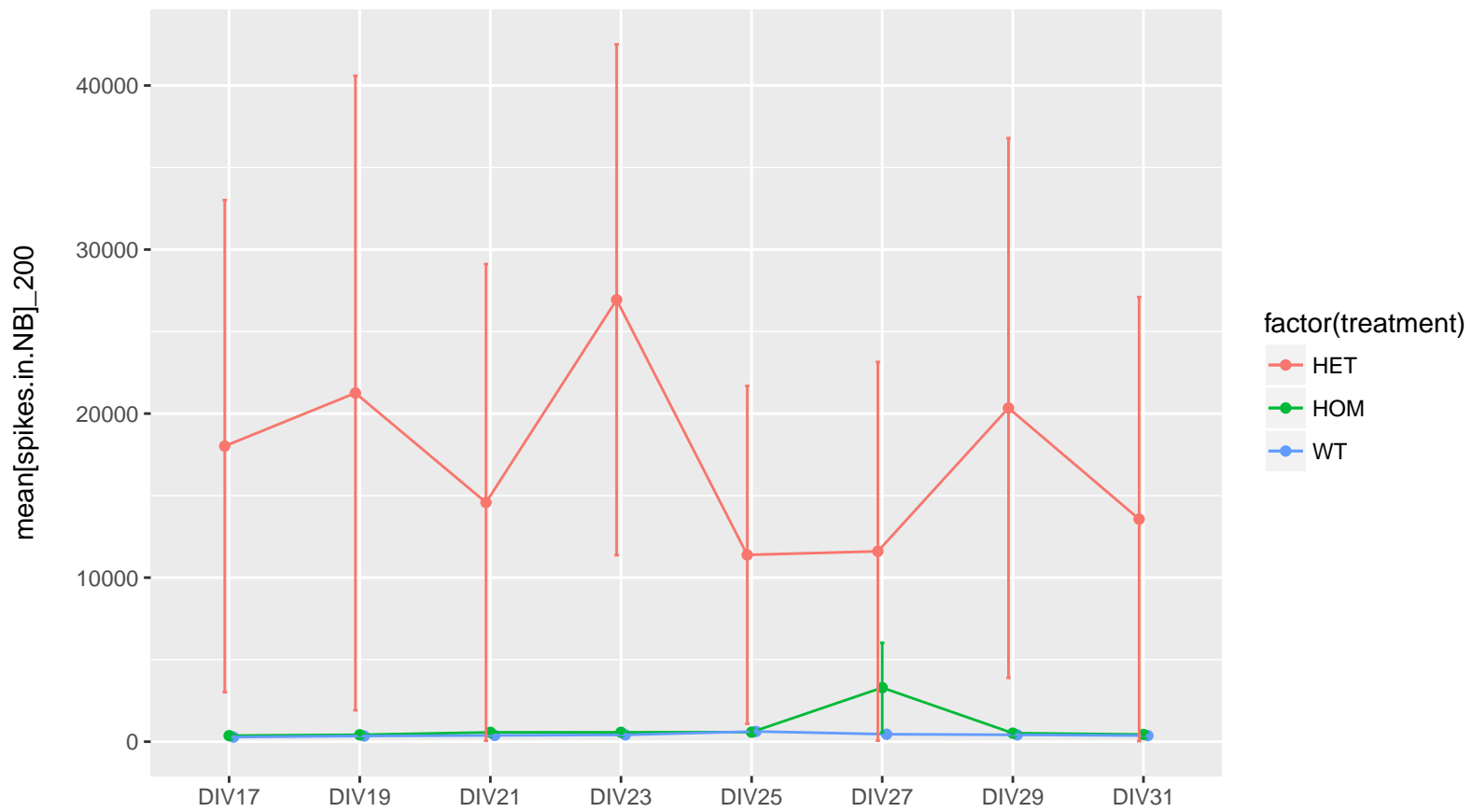
	Treatment/Genotype	perm.pval	MW.pval
1	WT vs. HOM	0.1	0.00026
2	WT vs. HET	< 0.1	1.06e−12

Kcnt1Y777H\_20170817\_500659\_mean[spikes.in.NB,nAE,NB.duration]\_200



	Treatment/Genotype	perm.pval	MW.pval
1	WT vs. HOM	0.7	0.221
2	WT vs. HET	< 0.1	1.54e-31

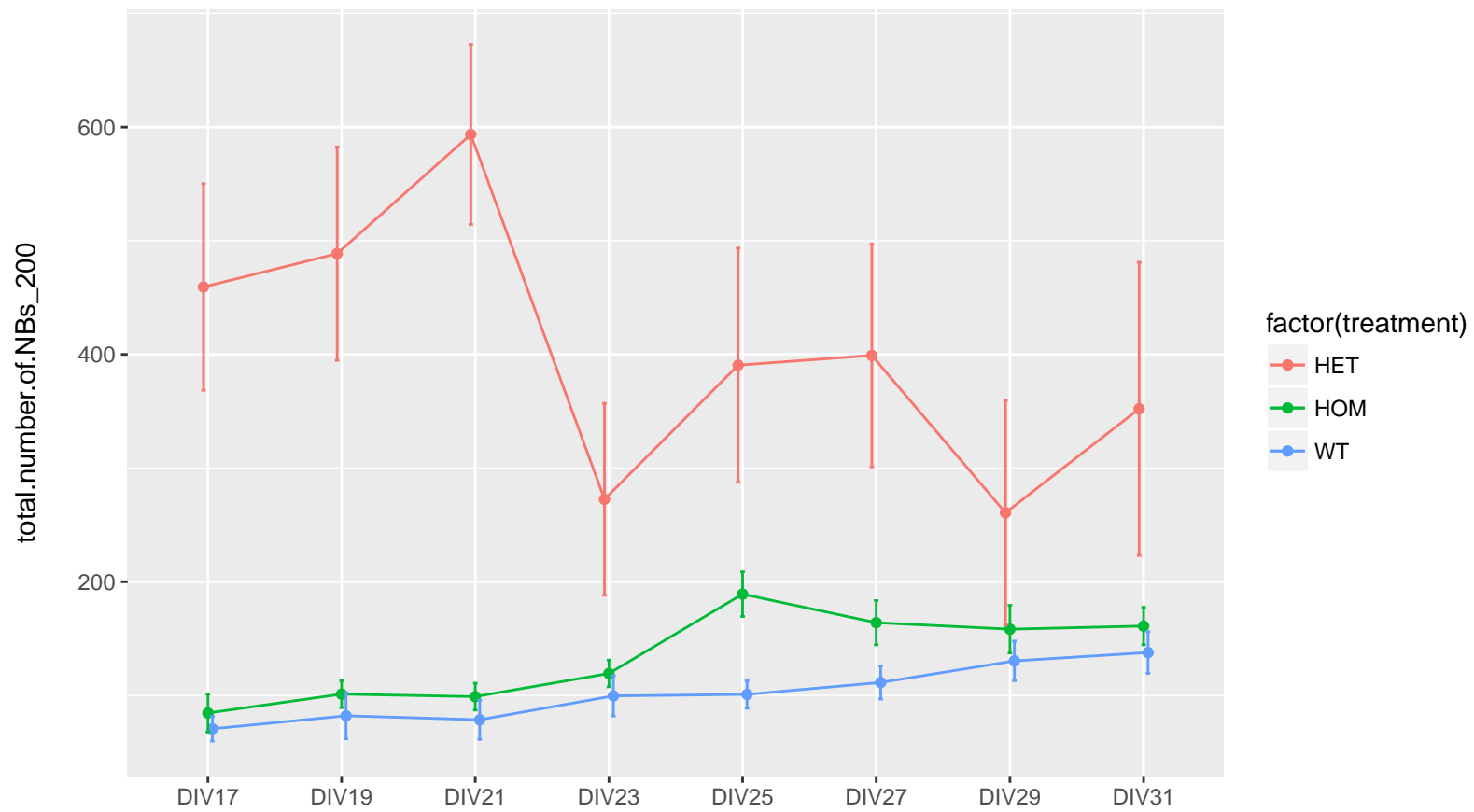
Kcnt1Y777H\_20170817\_500659\_mean[spikes.in.NB]\_200



	Treatment/Genotype	perm.pval	MW.pval
1	WT vs. HOM	< 0.1	0.000144
2	WT vs. HET	< 0.1	8.95e-13

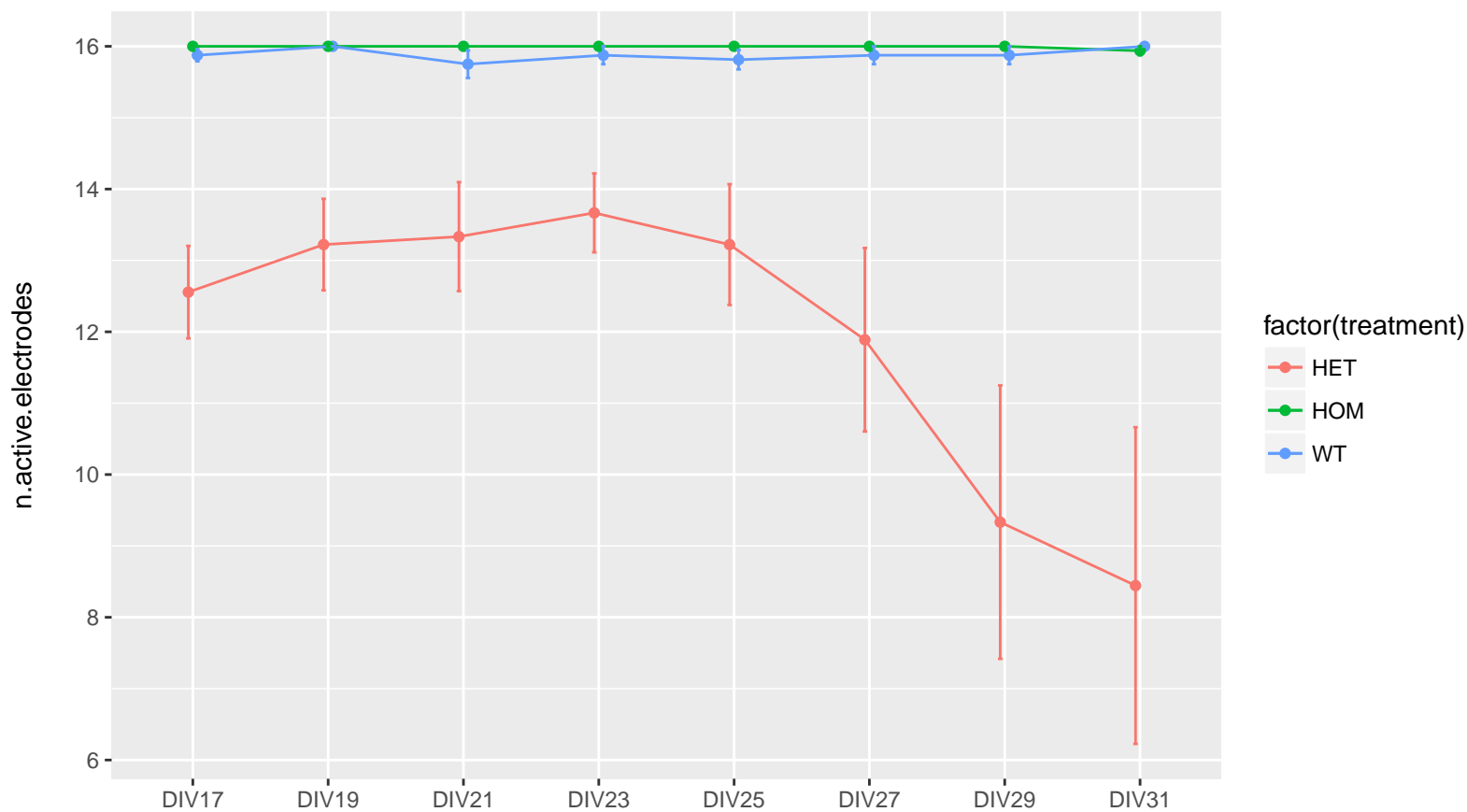


Kcnt1Y777H\_20170817\_500659\_total.number.of.NBs\_200



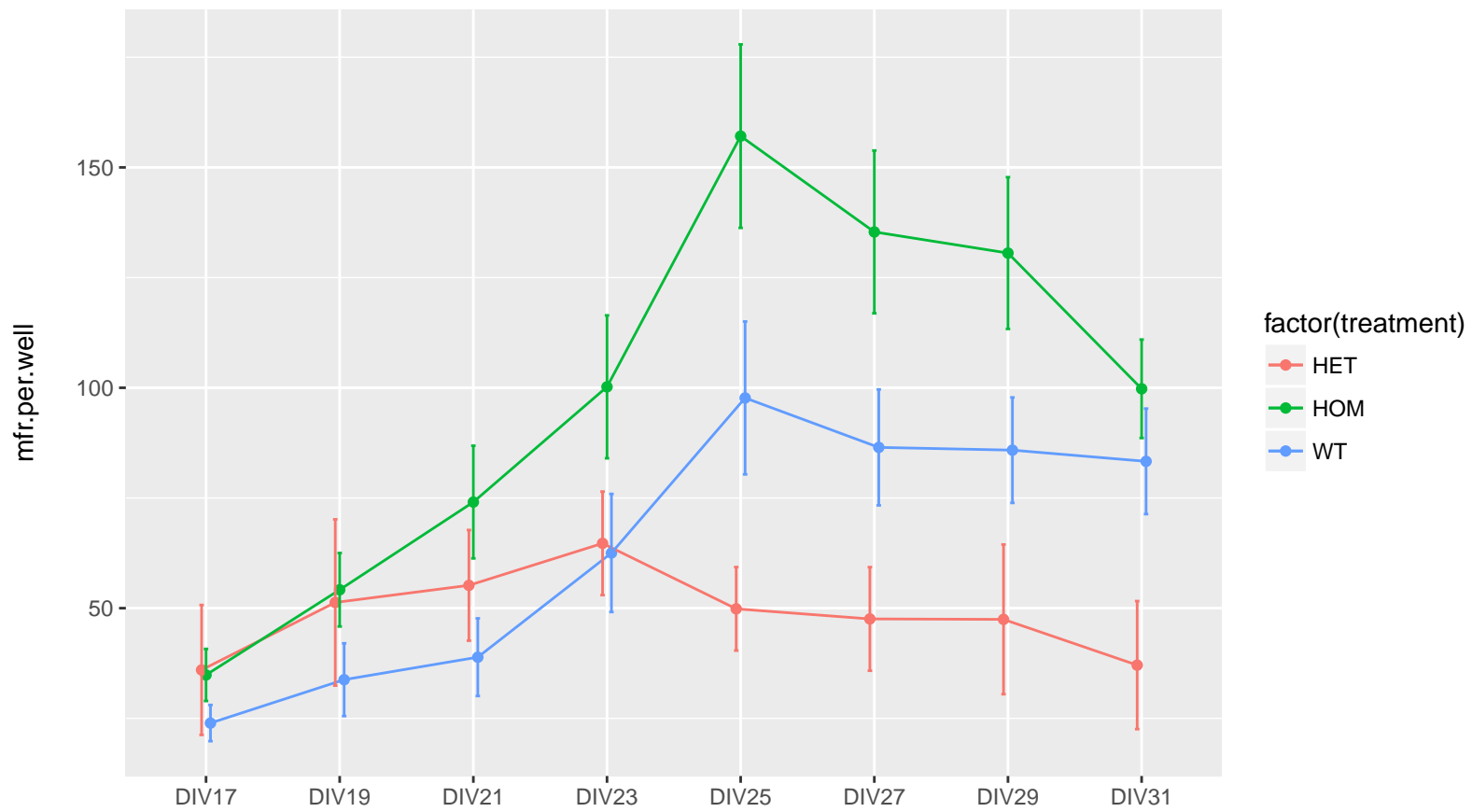
	Treatment/Genotype	perm.pval	MW.pval
1	WT vs. HOM	< 0.1	4.3e-05
2	WT vs. HET	< 0.1	5.16e-07

Kcnt1Y777H\_20170817\_500659\_n.active.electrodes



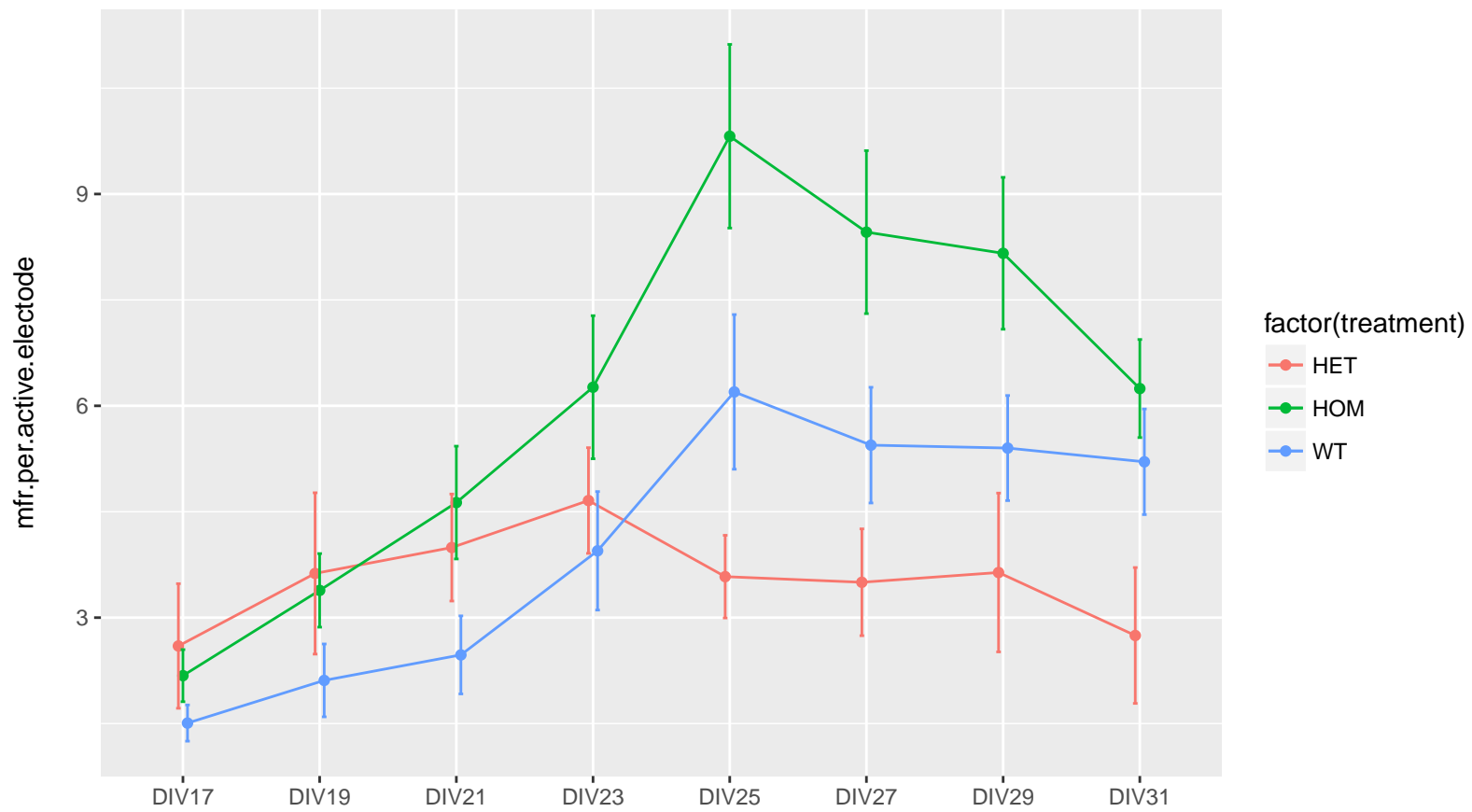
	Treatment/Genotype	perm.pval	MW.pval
1	WT vs. HOM	0.1	0.00973
2	WT vs. HET	< 0.1	9.55e−31

Kcnt1Y777H\_20170817\_500659\_mfr.per.well



	Treatment/Genotype	perm.pval	MW.pval
1	WT vs. HOM	< 0.1	1.5e-05
2	WT vs. HET	0.4	0.108

Kcnt1Y777H\_20170817\_500659\_mfr.per.active.electrode



	Treatment/Genotype	perm.pval	MW.pval
1	WT vs. HOM	< 0.1	2.19e-05
2	WT vs. HET	1	0.74