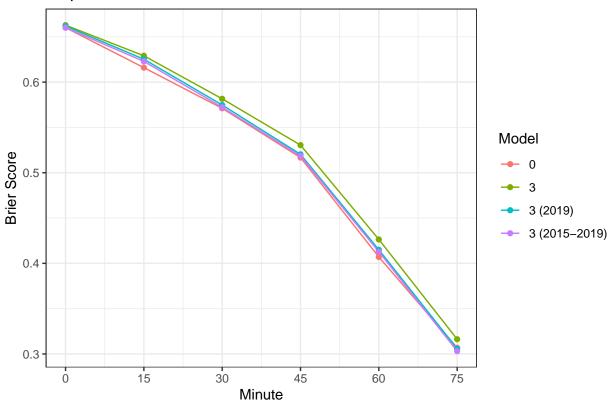
Brier Score

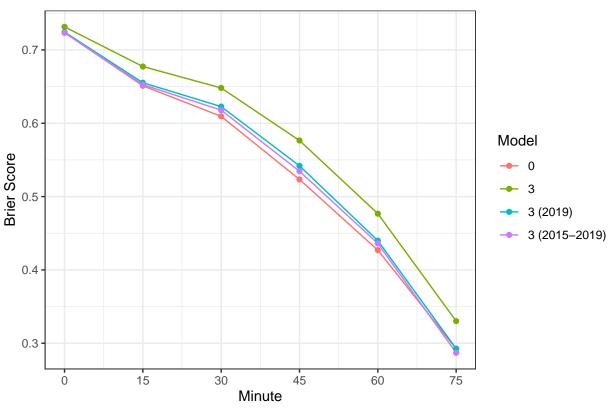
```
library(dplyr)
library(ggplot2)
library(tidyr)
library(knitr)
load("data/HDA.RData")
nrow(HDA)
## [1] 350
all = tibble(Brier = apply(HDA[,c(105:128)], 2, mean),
             Minute = as.integer(rep(c(0, 15, 30, 45, 60, 75), 4)),
            Model = factor(c(rep("0", 6), rep("3", 6), rep("3 (2019)", 6),
                              rep("3 (2015-2019)", 6)),
                            levels = c("0", "3", "3 (2019)", "3 (2015-2019)")))
all %>%
  ggplot(aes(x = Minute, y = Brier, col = Model)) +
  geom_line() +
  geom_point() +
  scale_x_continuous(breaks = c(0, 15, 30, 45, 60, 75)) +
  theme_bw() +
  ggtitle("All predicted matches") +
  ylab("Brier Score")
```

All predicted matches



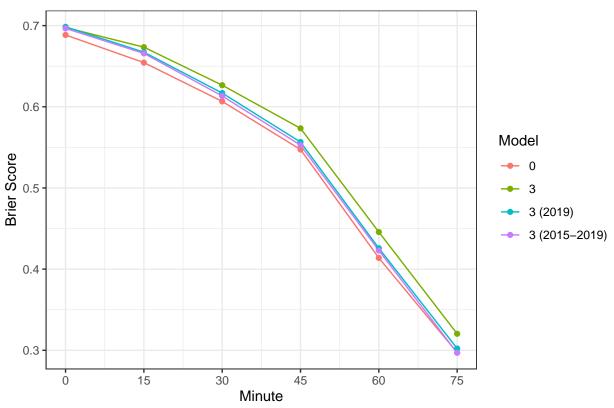
Model	Minute 0	Minute 15	Minute 30	Minute 45	Minute 60	Minute 75
0	0.6601204	0.6159520	0.5710751	0.5167246	0.4070241	0.3068499
3	0.6628437	0.6290749	0.5815726	0.5304530	0.4263846	0.3162705
3(2019)	0.6618385	0.6252399	0.5747260	0.5202837	0.4149573	0.3057443
3 (2015-2019)	0.6600751	0.6229081	0.5721995	0.5185039	0.4128283	0.3031031

First 100 matches



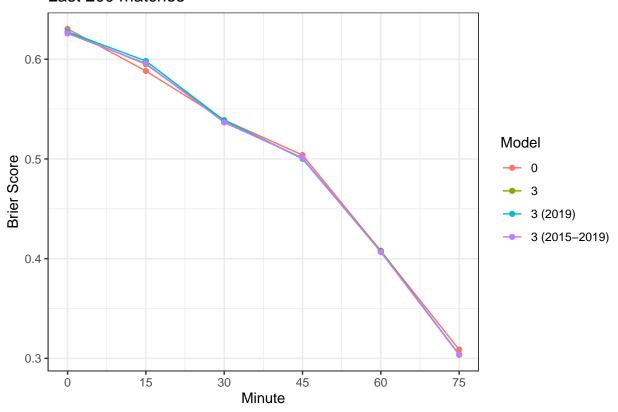
Model	Minute 0	Minute 15	Minute 30	Minute 45	Minute 60	Minute 75
0	0.7234222	0.6510753	0.6093454	0.5233602	0.4269015	0.2925227
3	0.7314636	0.6773334	0.6481162	0.5764371	0.4766991	0.3301632
3 (2019)	0.7243425	0.6552194	0.6226844	0.5419386	0.4399636	0.2926757
$\frac{3(2015-2019)}{}$	0.7233623	0.6526449	0.6178094	0.5345832	0.4361013	0.2869517

First 200 matches



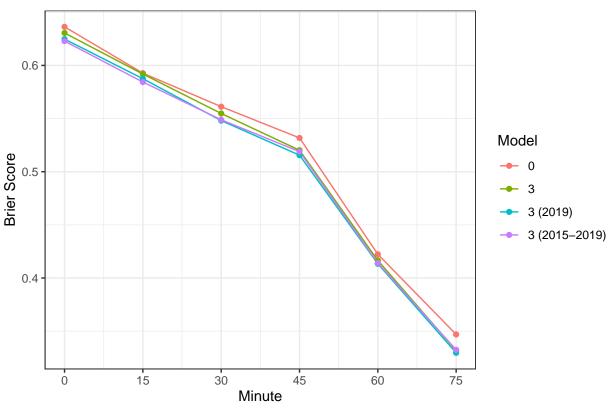
Model	Minute 0	Minute 15	Minute 30	Minute 45	Minute 60	Minute 75
0	0.6884814	0.6544402	0.6066652	0.5473290	0.4137692	0.2972172
3	0.6976919	0.6734674	0.6266114	0.5734665	0.4457118	0.3203625
3(2019)	0.6985029	0.6672866	0.6169179	0.5565552	0.4257719	0.3022293
3 (2015-2019)	0.6965541	0.6658075	0.6133372	0.5526954	0.4229632	0.2969022

Last 200 matches



Model	Minute 0	Minute 15	Minute 30	Minute 45	Minute 60	Minute 75
0	0.6304837	0.5882607	0.5390675	0.5038946	0.4076944	0.3087446
3	0.6270157	0.5949916	0.5385244	0.5005590	0.4079133	0.3035479
3(2019)	0.6275244	0.5982227	0.5385617	0.5001949	0.4069254	0.3039285
3 (2015-2019)	0.6258061	0.5957750	0.5365672	0.5010820	0.4066271	0.3036461

Last 100 matches



Model	Minute 0	Minute 15	Minute 30	Minute 45	Minute 60	Minute 75
0	0.6363099	0.5927242	0.5611849	0.5317985	0.4223018	0.3468986
3	0.6305436	0.5919097	0.5547845	0.5201967	0.4165304	0.3316921
3(2019)	0.6247647	0.5875229	0.5480837	0.5155581	0.4133862	0.3296110
3(2015-2019)	0.6228720	0.5843654	0.5488402	0.5188887	0.4140975	0.3324337