Mapping Hyalomma and CCHF in Africa

So you're interested in using `embarcadero` to do species distribution modeling with Bayesian additive regression trees! That's great. BARTs are a powerful way to do machine learning and, while not a new method *per se*, they are very new for SDMs.

Most of the core functionality of `embarcadero` is actually a wrapper for `dbarts`, which runs the actual BART fitting process. This vignete will show you 1. How to run BARTs 1. Variable importance measures 1. Automated variable selection 1.

```
library(embarcadero)
#> Loading required package: raster
#> Loading required package: sp
#>
#> Attaching package: 'raster'
#> The following object is masked from 'package:dplyr':
#>
#>     select
#> The following object is masked from 'package:tidyr':
#>
#>     extract
#> Loading required package: dbarts
#> Loading required package: Metrics
#> Loading required package: dismo
#> Loading required package: ROCR
#> Loading required package: gplots
#>
#> Attaching package: 'gplots'
#> The following object is masked from 'package:stats':
#>
#>     lowess
```