Replication document for age-depth model of Ha Makotoko

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Load Necessary Libraries and Data

Run Bchronology

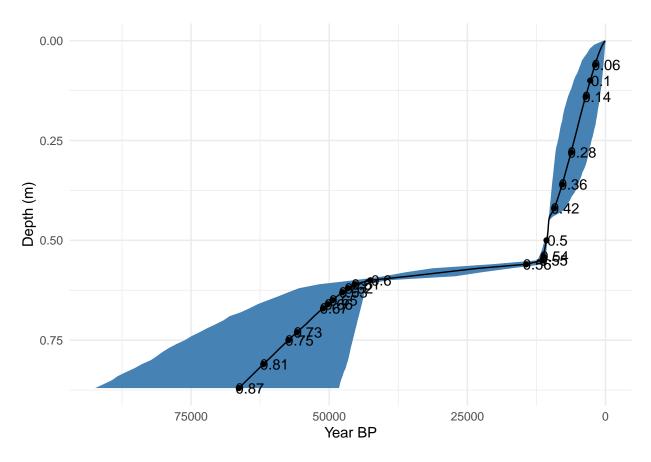
Summarize the model

```
Mean = hm_agedepth_mean,
L05 = hm_agedepth_quant[, 1],
U95 = hm_agedepth_quant[, 2])
hm_agedepth_summary_sample <- subset(hm_agedepth_summary,
Depth %in% sample_depths)</pre>
```

Write out results

```
write.table(hm_agedepth_summary,
            file = "../Output/hm_agedepth_Bchron.csv",
            sep = ",",
            row.names = F)
write.table(hm agedepth summary sample,
            file = "../Output/hm_agedepth_Bchron_sample.csv",
            sep = ",",
            row.names = F)
hm_data_with_agedepth <- merge(hm_data,</pre>
                             hm_agedepth_summary_sample,
                             by.x = 5,
                             bv.v = 1)
write.table(hm_data_with_agedepth,
            file = "../Output/hm_agedepth_Bchron_sample_merged.csv",
            sep = ",",
            row.names = F)
```

Plot the model



```
ggsave(device = "pdf",
    file = "../Output/agedepth_Bchron.pdf")
```

Saving 6.5×4.5 in image