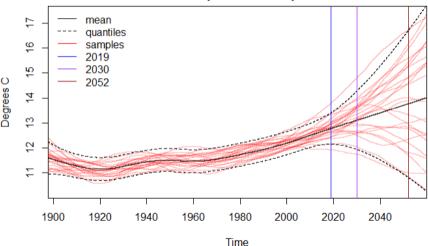


```
forXaxis2 = ISOdate(seq(1880, 2040, by = 20), 1, 1, tz = "UTC")
matplot(weekvalues[-1], weeksample, type = "1", lty = 1, col = "#FF000050", xlab = "Trime", ylab = "Degrees C", # xlim = ISOdate(c(1880, 2052), 1, 1, tz = "UTC"), xaxt = "n", xaxs = "i", main = "Plot of posterior sample")
matlines(weekvalues[-1], sableRes$summary.random$week[, paste(0(c), 5, 0.025), 0.975), "quant")], type = "1", lwd = 1, lty = c(1, 2, 2), col = "black")
axis(1, forXaxis2, format(forXaxis2, "%Y"))
legend("topleft", bty = "n", lty = c(1,2,1,1,1), col = c("black", "black", "red", "blue", "purple", "darkred"), legend = c("mean", "quantiles", "samples", "2019", "2030", "2052"))
abline(v = ISOdate(2030, 1, 1, tz = "UTC"), col = "blue")
abline(v = ISOdate(2030, 1, 1, tz = "UTC"), col = "purple")
abline(v = ISOdate(2030, 1, 1, tz = "UTC"), col = "darkred")

matplot(weekvalues[-1], weeksample, type = "1", lty = 1, col = "#FF000050", xlab = "Trime", ylab = "Degrees C", xlim = ISOdate(2000, 2060), 1, 1, tz = "UTC"), col = "darkred")

matplot(weekvalues[-1], sableRes$summary.random$week[, paste0(c(0.5, 0.025, 0.975), "quant")], type = "1", lwd = 1, lty = c(1, 2, 2), col = "black")
axis(1, forXaxis2, format(forXaxis2, "%Y"))
legend("topleft", bty = "n", lty = c(1,2,1,1,1), col = c("black", "black", "red", "blue", "purple", "darkred"), legend = c("mean", "quantiles", "samples", "2019", "2030", "2052"))
abline(v = ISOdate(2030, 1, 1, tz = "UTC"), col = "blue")
abline(v = ISOdate(2030, 1, 1, tz = "UTC"), col = "blue")
abline(v = ISOdate(2030, 1, 1, tz = "UTC"), col = "blue")
abline(v = ISOdate(2030, 1, 1, tz = "UTC"), col = "darkred")
```

Plot of posterior sample



Plot of posterior sample - zoomed

